

Using this report

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

1. Environmental Permits, Incidents and Registers

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

2. Landfills and Other Waste Sites

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

3. Current Land Uses

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

4. Geology

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

5. Hydrogeology and Hydrology

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

6. Flooding

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

7. Designated Environmentally Sensitive Sites

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

8. Natural Hazards

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

9. Mining

Provides information on areas of coal and shallow mining.

10. Contacts

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

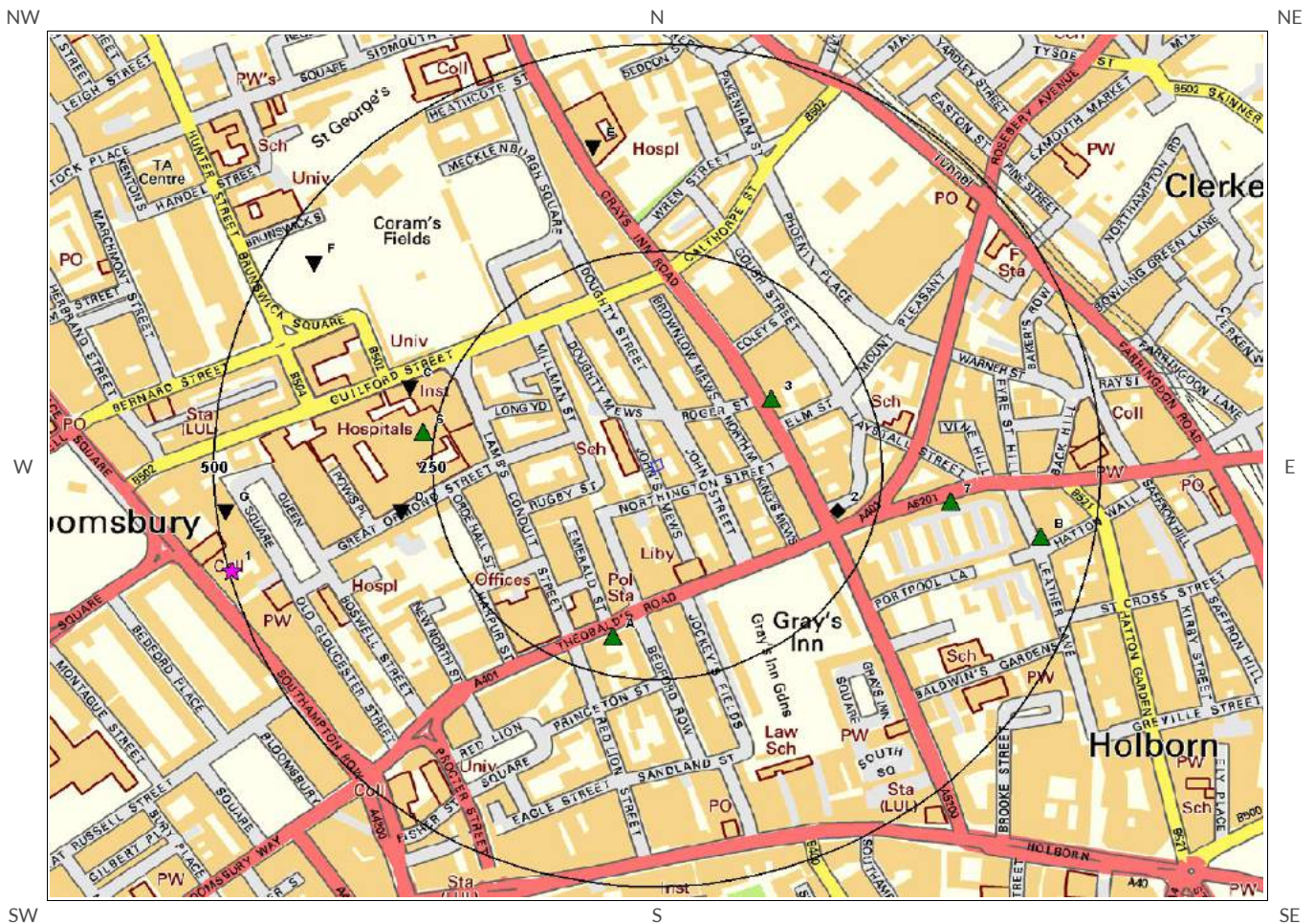
Note: Maps

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

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

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















1. Environmental Permits, Incidents and Registers Map



Environmental Permits, Incidents and Registers Legend



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



1. Environmental Permits, Incidents and Registers

1.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency and Local Authorities reveal the following information:

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

1

The following List 1 Dangerous Substance Inventory Site records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance	Direction	NGR	Details
2	206.0	E	531000 182000	Name: Pentonville Plating Co Ltd, Queensland Road, London, Nw10 Status: Active Receiving Water: Thames Estuary Authorised Substances: Mercury (other), Cadmium

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

0

Database searched and no data found.

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

7

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

ID	Distance	Direction	NGR	Details
3	145.0	NE	530924 182134	Address: Valet Dry Cleaners, 184 Gray's Inn Road, WC1X 8EW Process: Dry Cleaner Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
4A	206.0	S	530742 181847	Address: Matthew Daniel Dry Cleaners Ltd, 13 Theobalds Road, WC1X 8SL Process: Dry Cleaner Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
5A	206.0	S	530742 181847	Address: Matthew Daniel Dry Cleaners Ltd, 13 Theobalds Road, WC1X 8SL Process: Dry Cleaner Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
6	263.0	W	530525 182093	Address: Inst Child Health, Guildford St, WC1 1EH Process: Incineration & Furnace Process Status: Historical Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
7	331.0	E	531129 182010	Address: Dianas Dry Cleaners, 103 Clerkenwell Road, EC1R 5BX Process: Dry Cleaner Status: Current Permit Permit Type: Part B Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

ID	Distance	Direction	NGR	Details	
8B	439.0	E	531232 181968	Address: Sue Smart A.K.A Dolphin, 86 Leather Lane, London, EC1N 7TT Process: Dry Cleaner Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
9B	439.0	E	531232 181968	Address: Sue Smart, 86 Leather Lane, EC1N 7TT Process: Dry Cleaner Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

1.1.8 Records of Category 3 or 4 Radioactive Substances Authorisations:

34

The following RAS Licence (3 or 4) records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
44C	291.0	W	5305 10 1821 50	Institute Of Child Health, 30 Guildford Street, London, WC1N 1EH	Institute Of Child Health	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9871	Date of Approval:26/3/1998 Effective from:20/4/1998 Last date of update:2014-07-01	Superseded By Variation
45C	291.0	W	5305 10 1821 50	Institute Of Child Health, Hospital For Sick Children, 30 Guilford Street, London, WC1N 1EH	Institute Of Child Health	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AH9863	Date of Approval:22/3/1996 Effective from:22/3/1996 Last date of update:2014-07-01	Effective
46C	291.0	W	5305 10 1821 50	Institute Of Child Health, 30 Guildford Street, London, WC1N 1EH	Institute Of Child Health	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9871	Date of Approval:1/12/2003 Effective from:1/1/2004 Last date of update:2014-07-01	Superseded By Variation
47C	291.0	W	5305 10 1821 50	Institute Of Child Health, 30 Guildford Street, London, WC1N 1EH	Institute Of Child Health	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9871	Date of Approval:1/9/1993 Effective from:29/9/1993 Last date of update:2014-07-01	Superseded By Variation

ID	Distance	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
48C	291.0	W	5305 10 1821 50	Institute Of Child Health, 30 Guildford Street, London, WC1N 1EH	Institute Of Child Health	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9871	Date of Approval:20/2/2007 Effective from:20/3/2007 Last date of update:2014-07-01	Effective
49C	291.0	W	5305 10 1821 50	Institute Of Child Health, 30 Guildford Street, London, WC1N 1EH	Institute Of Child Health	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AH9871	Date of Approval:4/1/2006 Effective from:4/1/2006 Last date of update:2014-07-01	Superseded By Variation
50D	292.0	W	5305 00 1820 00	Great Ormond Street Hospital For Children Nhs Trust, Great Ormond Street, London, WC1N 3JH	Great Ormond Street Hospital For Children Nhs Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AB5415	Date of Approval:24/1/2008 Effective from:24/11/2008 Last date of update:2014-07-01	Effective
51D	292.0	W	5305 00 1820 00	Great Ormond Street Hospital For Children Nhs Trust, Great Ormond Street, London, WC1N 3JH	Great Ormond Street Hospital For Children Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BG6243	Date of Approval:21/2/2005 Effective from:21/3/2005 Last date of update:2014-07-01	Superseded By Variation
52D	292.0	W	5305 00 1820 00	Great Ormond Street Hospital For Children Nhs Trust, Great Ormond Street, London, WC1N 3JH	Great Ormond Street Hospital For Children Nhs Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AB5415	Date of Approval:11/1/2000 Effective from:11/1/2000 Last date of update:2014-07-01	Superseded By Variation
53D	292.0	W	5305 00 1820 00	Great Ormond Street Hospital For Children Nhs Trust, Great Ormond Street, London, WC1N 3JH	Great Ormond Street Hospital For Children Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BG6243	Date of Approval:5/1/2006 Effective from:5/1/2006 Last date of update:2014-07-01	Superseded By Variation
54D	292.0	W	5305 00 1820 00	Great Ormond Street Hospital For Children Nhs Trust, Great Ormond Street, London, WC1N 3JH	Great Ormond Street Hospital For Children Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BG6243	Date of Approval:24/1/2008 Effective from:22/12/2008 Last date of update:2014-07-01	Effective

ID	Distance	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
55D	292.0	W	530500182000	Hospital For Sick Children, Great Ormond Street, London, WC1N 3JH	Hospital For Sick Children	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AB5431	Date of Approval:26/6/1993 Effective from:26/7/1993 Last date of update:2014-07-01	Revoked/cancelled
56D	292.0	W	530500182000	Great Ormond Street Hospital For Children Nhs Trust, Great Ormond Street, London, WC1N 3JH	Great Ormond Street Hospital For Children Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BG6243	Date of Approval:11/1/2000 Effective from:31/1/2000 Last date of update:2014-07-01	Superseded By Variation
57D	292.0	W	530500182000	Great Ormond Street Hospital For Children Nhs Trust, Great Ormond Street, London, WC1N 3JH	Great Ormond Street Hospital For Children Nhs Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AB5415	Date of Approval:6/11/1991 Effective from:6/11/1991 Last date of update:2005-01-06	Superseded By Variation
58D	292.0	W	530500182000	Great Ormond Street Hospital For Children Nhs Trust, Great Ormond Street, London, WC1N 3JH	Great Ormond Street Hospital For Children Nhs Trust	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AB5415	Date of Approval:21/2/2005 Effective from:21/2/2005 Last date of update:2014-07-01	Superseded By Variation
59D	292.0	W	530500182000	Great Ormond Street Hospital For Children Nhs Trust, Great Ormond Street, London, WC1N 3JH	Great Ormond Street Hospital For Children Nhs Trust	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BG6243	Date of Approval:1/12/2003 Effective from:1/1/2004 Last date of update:2014-07-01	Superseded By Variation
60E	384.0	N	530720182440	University College London, Eastman Dental Institute, 256 Grays Inn Road, London, WC1X 8LD	University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BU7456	Date of Approval:27/9/2004 Effective from:25/10/2004 Last date of update:2014-07-01	Superseded By Variation
61E	384.0	N	530720182440	University College London, Eastman Dental Institute, 256 Grays Inn Road, London, WC1X 8LD	University College London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BU7456	Date of Approval:4/1/2006 Effective from:4/1/2006 Last date of update:2014-07-01	Effective

ID	Distance	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
62E	384.0	N	5307 20 1824 40	Eastman Dental Hospital, 256 Grays Inn Road, London, WC1X 8LD	Eastman Dental Hospital	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AA1775	Date of Approval:30/1 0/1991 Effective from:30/10/19 91 Last date of update:2005- 01-06	Superseded By Variation
63E	384.0	N	5307 20 1824 40	Eastman Dental Hospital, Eastman Dental Institute, 256 Grays Inn Road, London, WC1X 8LD	Eastman Dental Hospital	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AA1783	Date of Approval:15/1 0/1996 Effective from:4/11/199 6 Last date of update:2014- 07-01	Revoked/cance lled
64E	384.0	N	5307 20 1824 40	University College London, Eastman Dental Institute,256 Grays Inn Road, London, WC1X 8LD	University College London	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BU7464	Date of Approval:27/9 /2004 Effective from:27/9/200 4 Last date of update:2014- 07-01	Effective
65E	384.0	N	5307 20 1824 40	Eastman Dental Hospital, 256 Grays Inn Road, London, WC1X 8LD	Eastman Dental Hospital	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AA1775	Date of Approval:15/1 0/1996 Effective from:15/10/19 96 Last date of update:2014- 07-01	Revoked/cance lled
66F	456.0	NW	5304 00 1823 00	University Of London, 29-39 Brunswick Square, London, WC1N 1AX	University Of London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4554	Date of Approval:1/12 /2003 Effective from:1/1/2004 Last date of update:2014- 07-01	Superseded By Variation
67F	456.0	NW	5304 00 1823 00	University Of London, 29-39 Brunswick Square, London, WC1N 1AX	University Of London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4554	Date of Approval:5/1/ 2006 Effective from:5/1/2006 Last date of update:2014- 07-01	Effective
68F	456.0	NW	5304 00 1823 00	University Of London, 29-39 Brunswick Square, London, WC1N 1AX	University Of London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4554	Date of Approval:31/3 /1991 Effective from:31/3/199 1 Last date of update:2014- 07-01	Superseded By Variation

ID	Distance	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
69F	456.0	NW	5304 00 1823 00	University Of London, 29-39 Brunswick Square, London, WC1N 1AX	University Of London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4554	Date of Approval:20/2 /1998 Effective from:20/3/199 8 Last date of update:2014- 07-01	Superseded By Variation
70F	456.0	NW	5304 00 1823 00	University Of London, 29-39 Brunswick Square, London, WC1N 1AX	University Of London	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AC4554	Date of Approval:26/6 /1995 Effective from:27/7/199 5 Last date of update:2014- 07-01	Superseded By Variation
71G	489.0	W	5303 00 1820 00	University College London, Institute Of Neurology,que en Square, London, WC1N 3BG	University College London	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AR3500	Date of Approval:4/3/ 1996 Effective from:4/3/1996 Last date of update:2014- 07-01	Superseded By Variation
72G	489.0	W	5303 00 1820 00	Institute Of Neurology, Queen Square House, Queen Square, London, WC1N 3BG	Institute Of Neurology	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AR3488	Date of Approval:1/12 /2003 Effective from:1/1/2004 Last date of update:2014- 07-01	Superseded By Variation
73G	489.0	W	5303 00 1820 00	National Hospital For Neurology And Neurosurgery, Institute Of Neurology, Queen Square, London, WC1N 3BG	National Hospital For Neurology And Neurosurgery	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AW7223	Date of Approval:15/1 0/1996 Effective from:4/11/199 6 Last date of update:2014- 07-01	Revoked/cance lled
74G	489.0	W	5303 00 1820 00	Institute Of Neurology, Queen Square House, Queen Square, London, WC1N 3BG	Institute Of Neurology	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AR3488	Date of Approval:3/8/ 2004 Effective from:31/8/200 4 Last date of update:2014- 07-01	Superseded By Variation
75G	489.0	W	5303 00 1820 00	University College London, Institute Of Neurology,que en Square, London, WC1N 3BG	University College London	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AR3500	Date of Approval:4/8/ 2004 Effective from:4/8/2004 Last date of update:2014- 07-01	Effective

ID	Distance	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
76G	489.0	W	530300182000	Institute Of Neurology, Queen Square House, Queen Square, London, WC1N 3BG	Institute Of Neurology	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AR3488	Date of Approval:4/1/2006 Effective from:4/1/2006 Last date of update:2014-07-01	Effective
77G	489.0	W	530300182000	Institute Of Neurology, Queen Square House, Queen Square, London, WC1N 3BG	Institute Of Neurology	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AR3488	Date of Approval:26/7/1995 Effective from:24/8/1995 Last date of update:2014-07-01	Superseded By Variation

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

0

Database searched and no data found.

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

0

Database searched and no data found.

1.2 Dangerous or Hazardous Sites

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

0

Database searched and no data found.

1.3 Environment Agency Recorded Pollution Incidents

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

1

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance	Direction	NGR	Details
1	497.0	W	530306181928	Incident Date: 29/09/2001 Incident Identification: 33704 Pollutant: Organic Chemicals/Products Pollutant Description: Solvents Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

0

Database searched and no data found.

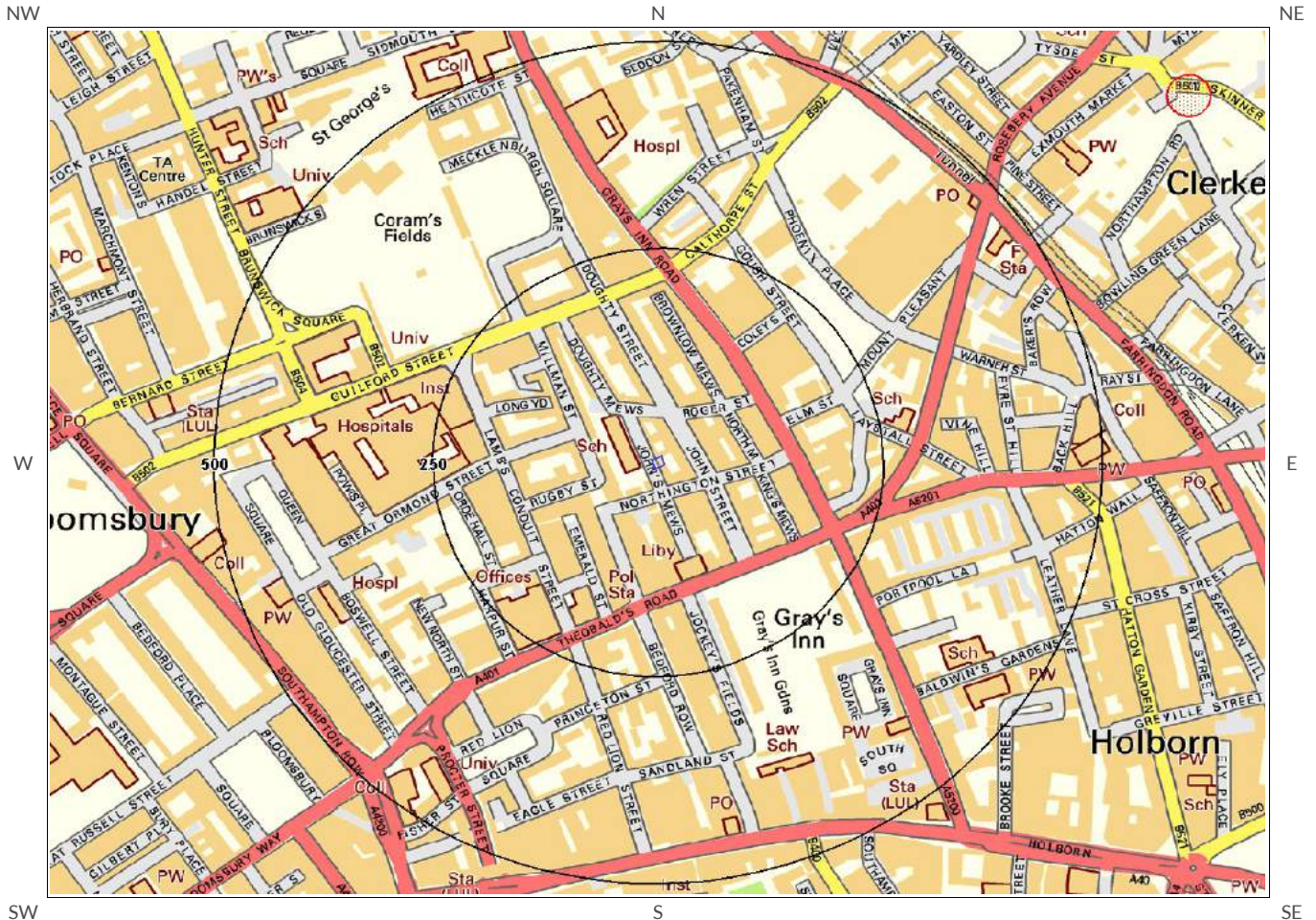
1.4 Sites Determined as Contaminated Land under Part 2A EPA 1990

How many records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site?

0

Database searched and no data found.



2. Landfill and Other Waste Sites Map




Landfill and Other Waste Sites Legend



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-  Site Outline
-  E.A. Active Landfill
-  Historic and Planned Waste Sites
-  E.A. Historic Landfill
-  E.A. Licensed Waste Site
-  Local Authority Landfill
-  BGS / DoE Survey Landfill

 Search Buffers (m)



2. Landfill and Other Waste Sites

2.1 Landfill Sites

2.1.1 Records from Environment Agency landfill data within 1000m of the study site:

0

Database searched and no data found.

2.1.2 Records of Environment Agency historic landfill sites within 1500m of the study site:

2

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

ID	Distance (m)	Direction	NGR	Details
1	718.0	NE	531400 182400	Site Address: Rosoman Street / Skinner Street, Finsbury Waste Licence: - Site Reference: - Waste Type: Inert, Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	769.0	S	530700 181200	Site Address: Portugal Street, Lincoln's Inn Fields, London WC2A Waste Licence: - Site Reference: IMP006 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -

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

0

Database searched and no data found.

2.1.4 Records of Local Authority landfill sites within 1500m of the study site:

0

Database searched and no data found.

2.2 Other Waste Sites

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

0

Database searched and no data found.

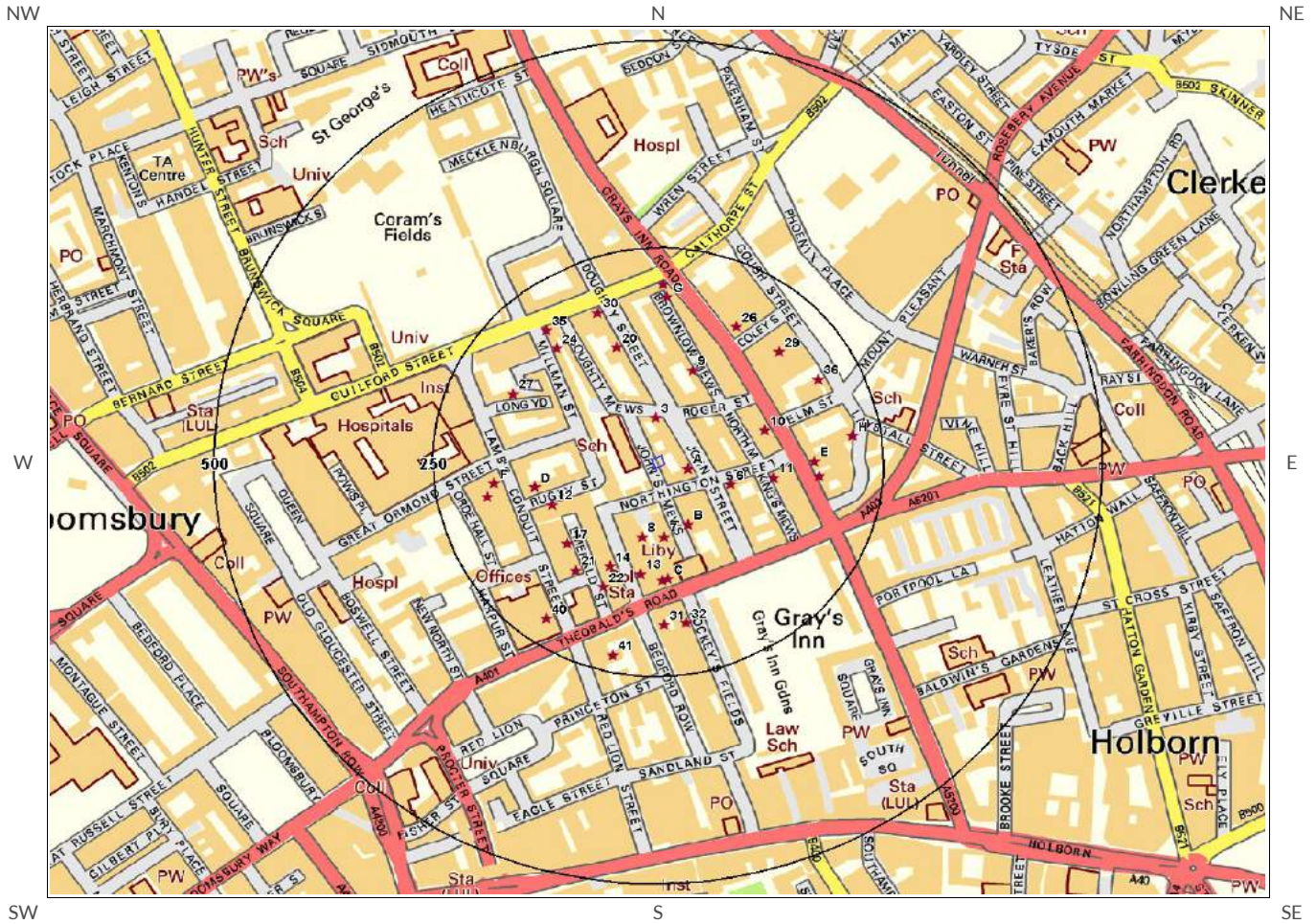
2.2.2 Records of Environment Agency licensed waste sites within 1500m of the study site:

1

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

ID	Distance (m)	Direction	NGR	Details
Not shown	1267.0	E	531980 182519	Site Address: - Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BAR002 EPR reference: EA/EPR/NP3891NH/A001 Operator: Barbican Metal Company (Refiners) Ltd Waste Management licence No: 80291 Annual Tonnage: 24999.0 Issue Date: 23/12/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Barbican Metal, Seward St Correspondence Address: -, -

3. Current Land Use Map



Current Land Use Legend



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Site Outline



Current Industrial Sites



Search Buffers (m)



Petrol & Fuel Sites



Underground High Pressure Oil & Fuel Pipelines



3. Current Land Uses

3.1 Current Industrial Data

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

41

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

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1A	26.0	E	International Publishing Group	530826 182047	27, John Street, London, WC1N 2BX	Published Goods	Industrial Products
2A	26.0	E	Elliott & Thompson	530826 182047	27, John Street, London, WC1N 2BX	Published Goods	Industrial Products
3	46.0	N	Stergiou Ltd	530789 182109	Haines House 21, John Street, London, WC1N 2BF	Published Goods	Industrial Products
4B	76.0	SE	Samuely Engineers	530827 181980	33, Johns Mews, London, WC1N 2NS	Civil Engineers	Engineering Services
5B	76.0	SE	Hurst Pierce & Malcolm	530827 181980	33, Johns Mews, London, WC1N 2QL	Structural Engineers	Engineering Services
6	78.0	E	CWA Consultants Ltd	530875 182028	9, John Street, London, WC1N 2ES	Marine Engineers and Services	Engineering Services
7	82.0	S	Veolia Environment	530800 181965	Cockpit Yard, Northington Street, London, WC1N 2NP	Waste Storage, Processing and Disposal	Infrastructure and Facilities
8	83.0	S	Council Depot	530775 181965	WC1N	Container and Storage	Transport, Storage and Delivery
9	108.0	N	O'Keeffe & Partners	530832 182165	27a, Brownlow Mews, London, WC1N 2LQ	Distribution and Haulage	Transport, Storage and Delivery
10	122.0	E	Grays Inn Hardware	530915 182093	Flat 67, Gray's Inn Road, London, WC1X 8TL	General Construction Supplies	Industrial Products
11	125.0	E	W Godleman & Son Ltd	530925 182037	20-21, King's Mews, London, WC1N 2JB	Vehicle Repair, Testing and Servicing	Repair and Servicing
12	126.0	W	Maggie Owen Ltd	530671 182004	13, Rugby Street, London, WC1N 3QT	Jewellery, Gems, Clocks and Watches	Consumer Products
13	128.0	S	Formtone Ltd	530772 181920	5, Great James Street, London, WC1N 3DB	Published Goods	Industrial Products
14	128.0	SW	Link Chartering Ltd	530738 181929	34, Great James Street, London, WC1N 3HB	Distribution and Haulage	Transport, Storage and Delivery
15C	133.0	S	Stern's Music	530803 181914	42, Theobalds Road, London, WC1X 8NW	Recording Studios and Record Companies	IT, Advertising, Marketing and Media Services
16C	134.0	S	Bea's of Bloomsbury Ltd	530798 181913	44, Theobalds Road, London, WC1X 8NW	Baking and Confectionery	Foodstuffs
17	135.0	SW	Orb Solutions	530689 181956	17-21, Emerald Street, London, WC1N 3QN	Plate Makers, Print Finishers and Type Setters	IT, Advertising, Marketing and Media Services
18D	138.0	W	Music Teacher Magazine	530652 182025	Buckingham House 20, Rugby Street, London, WC1N 3QZ	Published Goods	Industrial Products

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
19D	138.0	W	Rhinegold Publishing	530652 182025	Buckingham House 20, Rugby Street, London, WC1N 3QZ	Published Goods	Industrial Products
20	139.0	N	L P D Video Direct Ltd	530746 182193	12, Doughty Street, London, WC1N 2PL	Published Goods	Industrial Products
21	152.0	SW	Charnwood Minerals Ltd	530699 181924	5, Richbell Place, London, WC1N 3LA	Sand, Gravel and Clay Extraction and Merchants	Extractive Industries
22	154.0	SW	Method Office Furniture Ltd	530730 181904	6-8, Emerald Street, London, WC1N 3QA	Office and Shop Equipment	Industrial Products
23E	171.0	E	Adana Graphic Supplies Ltd	530972 182056	162, Gray's Inn Road, London, WC1X 8ED	Published Goods	Industrial Products
24	173.0	NW	Av2 Hire Ltd	530677 182192	64-66, Millman Street, London, WC1N 3EF	Electronic Equipment	Industrial Products
25E	176.0	E	City Pumps Ltd	530976 182039	156-158, Gray's Inn Road, London, WC1X 8EU	Industrial Repairs and Servicing	Repair and Servicing
26	177.0	NE	Simon & Schuster	530883 182218	222, Gray's Inn Road, London, WC1X 8HB	Published Goods	Industrial Products
27	177.0	NW	Corporate Mobile Recycling	530627 182137	3, Long Yard, London, WC1N 3LS	Recycling, Reclamation and Disposal	Recycling Services
28F	182.0	W	Persephone Books	530606 182029	59, Lambs Conduit Street, London, WC1N 3NB	Published Goods	Industrial Products
29	183.0	NE	C O P S Docs Ltd	530931 182188	200, Gray's Inn Road, London, WC1X 8XZ	Distribution and Haulage	Transport, Storage and Delivery
30	186.0	NW	365 Central Healthcare Ltd	530723 182235	19, Doughty Street, London, WC1N 2PL	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
31	188.0	S	Eco-acoustics Ltd	530799 181859	20-22, Bedford Row, London, WC1R 4JS	Cooling and Refrigeration	Industrial Products
32	189.0	S	Ryland Peters & Small	530825 181861	20-21, Jockey's Fields, London, WC1R 4BW	Published Goods	Industrial Products
33G	191.0	N	Atlanta Technology Ltd	530803 182254	20a, Brownlow Mews, London, WC1N 2LD	Electronic Equipment	Industrial Products
34F	193.0	W	Len Fowler Trophies	530598 182013	4, Lamp Office Court, London, WC1N 3NF	Medals, Trophies, Ceremonial and Religious Goods	Consumer Products
35	197.0	NW	Benson & Whitehead Ltd	530665 182214	Flat 5 15, Guilford Street, London, WC1N 1DX	Construction Completion Services	Construction Services
36	201.0	NE	Electricity Sub Station	530976 182155	WC1X	Electrical Features	Infrastructure and Facilities
37G	206.0	N	Peregrine's Pianos	530799 182269	137a, Gray's Inn Road, London, WC1X 8TU	Musical Instruments	Consumer Products
38H	217.0	E	Beige Magazine	531015 182087	Panther House 38, Mount Pleasant, London, WC1X 0AN	Published Goods	Industrial Products
39H	217.0	E	Jana Reinhardt Jewellery	531015 182087	Panther House 38, Mount Pleasant, London, WC1X 0AN	Jewellery, Gems, Clocks and Watches	Consumer Products
40	219.0	SW	New Scientist	530665 181867	Lacon House 84, Theobalds Road, London, WC1X 8NS	Published Goods	Industrial Products
41	229.0	S	Battle McCarthy	530741 181822	Dog & Duck Yard, Princeton Street, London, WC1R 4BH	Civil Engineers	Engineering Services

3.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site: 0

Database searched and no data found.

3.3 Underground High Pressure Oil and Gas Pipelines

Records of high pressure underground pipelines within 500m of the study site: 0

Database searched and no data found.



4. Geology

4.1 Artificial Ground and Made Ground

Database searched and no data found.

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

4.2 Superficial Ground and Drift Geology

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

Lex Code	Description	Rock Type
LHGR-SAGR	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
HAGR-SAGR	HACKNEY GRAVEL MEMBER	SAND AND GRAVEL

4.3 Bedrock and Solid Geology

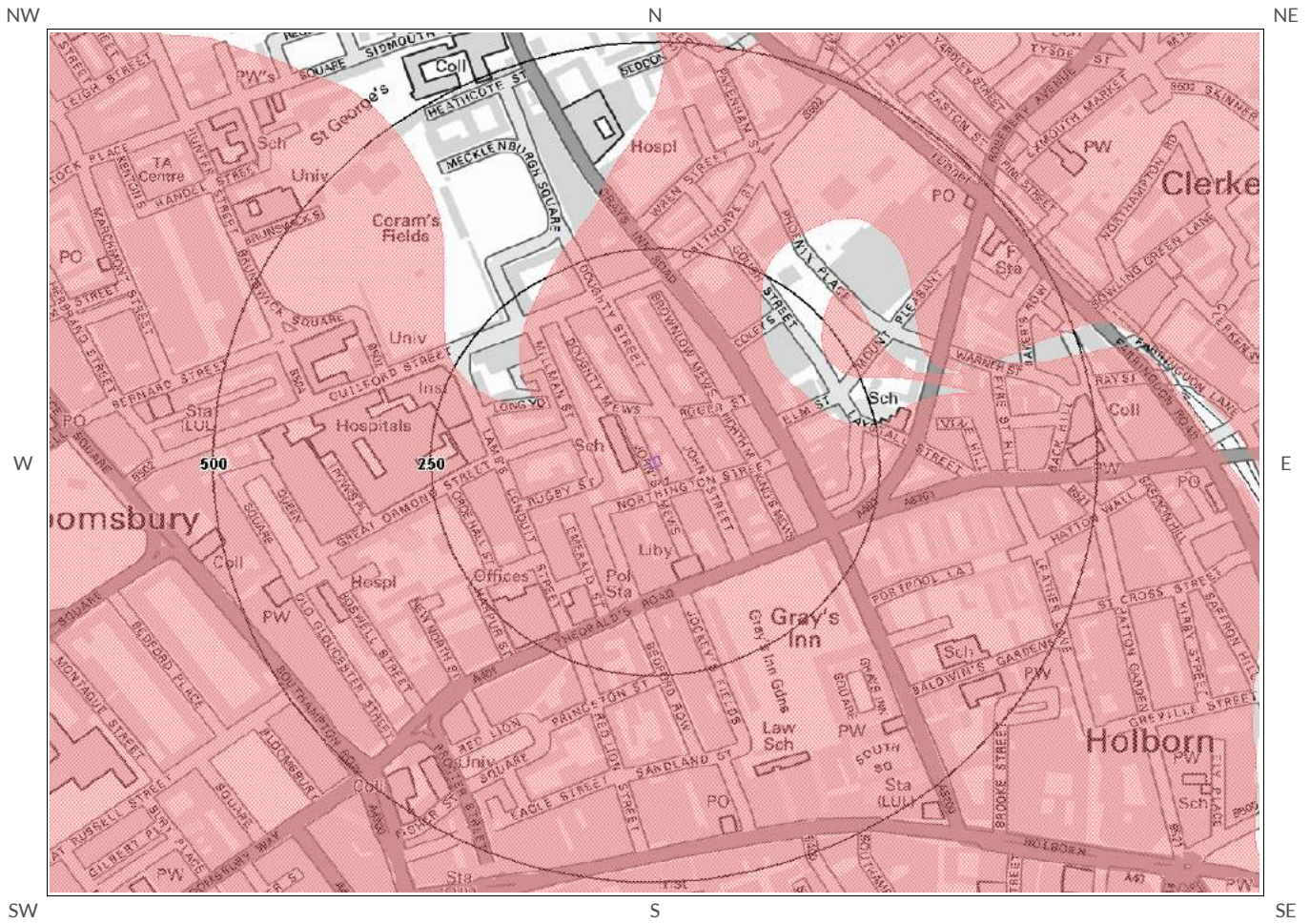
The database has been searched on site, including a 50m buffer.

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

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

5. Hydrogeology and Hydrology









5a. Aquifer Within Superficial Geology



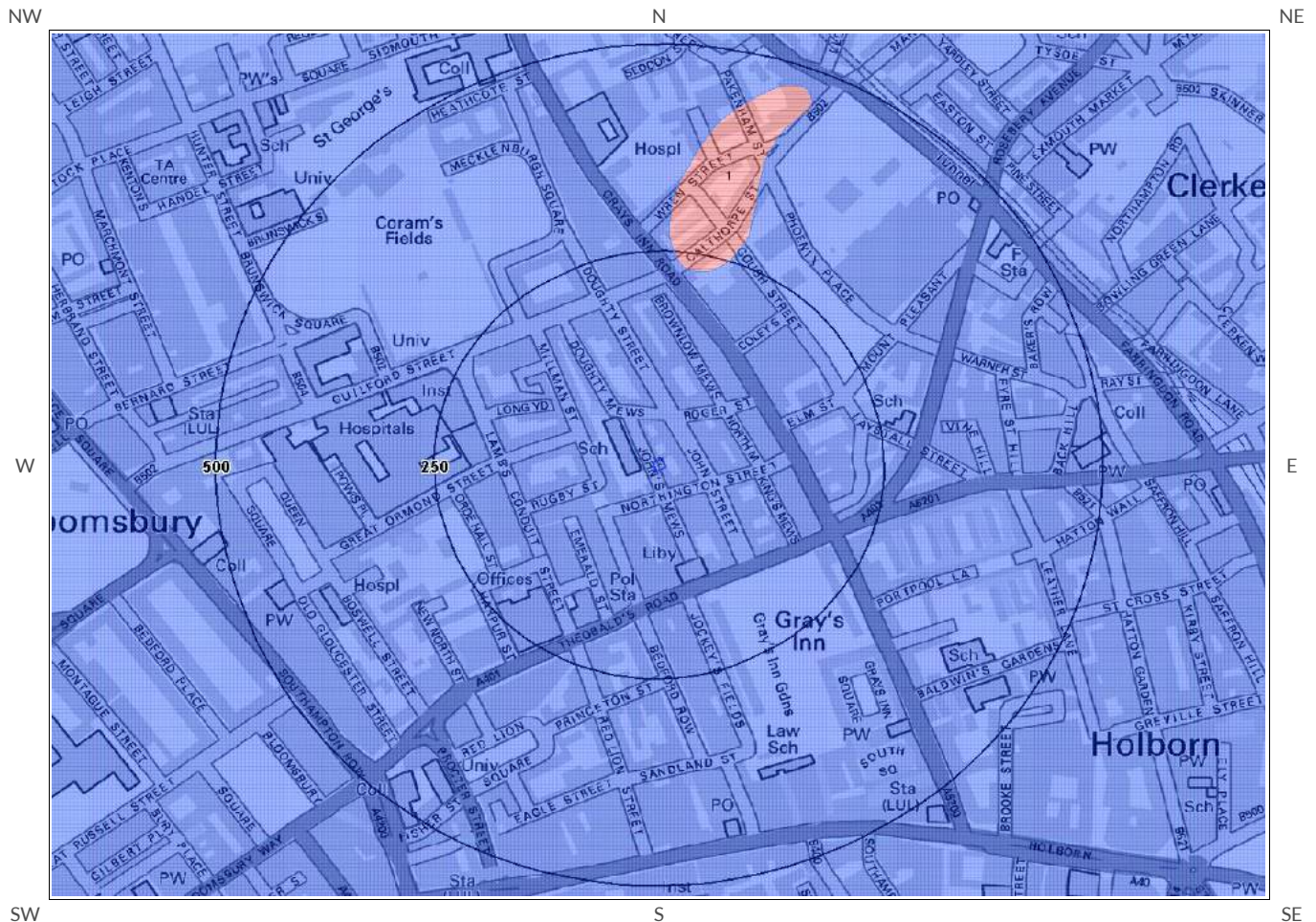
Map Legend



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-  Site Outline
-  Search Buffers (m)
-  Principal Aquifer
-  Secondary (A) Aquifer - Permeable Layers
-  Secondary (B) Aquifer - Lower Permeability Layers
-  Secondary Aquifer - Undifferentiated Layers
-  Unproductive
-  Unknown (lakes and landslip)












5b. Aquifer Within Bedrock Geology and Abstraction Licenses



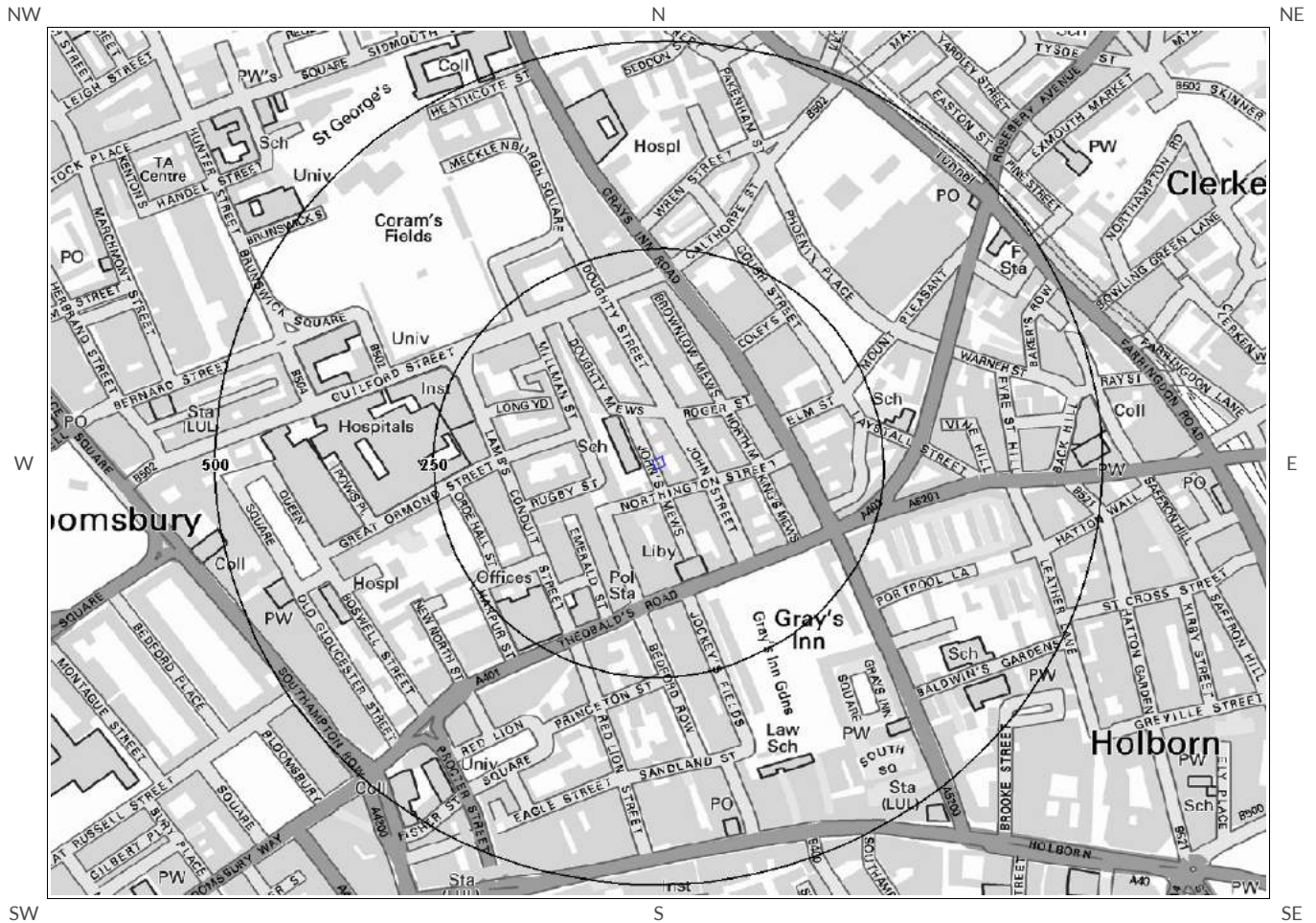
Map Legend



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- | | | | | | |
|---|--------------------|---|---|--|---|
|  | Site Outline |  | Principal Aquifer |  | Secondary Aquifer - Undifferentiated Layers |
|  | Search Buffers (m) |  | Secondary (A) Aquifer - Permeable Layers |  | Unproductive |
|  | |  | Secondary (B) Aquifer - Lower Permeability Layers |  | Unknown (lakes and landslip) |
| | |  | Groundwater Abstraction Licence |  | Surface Water Abstraction Licence |








5c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences



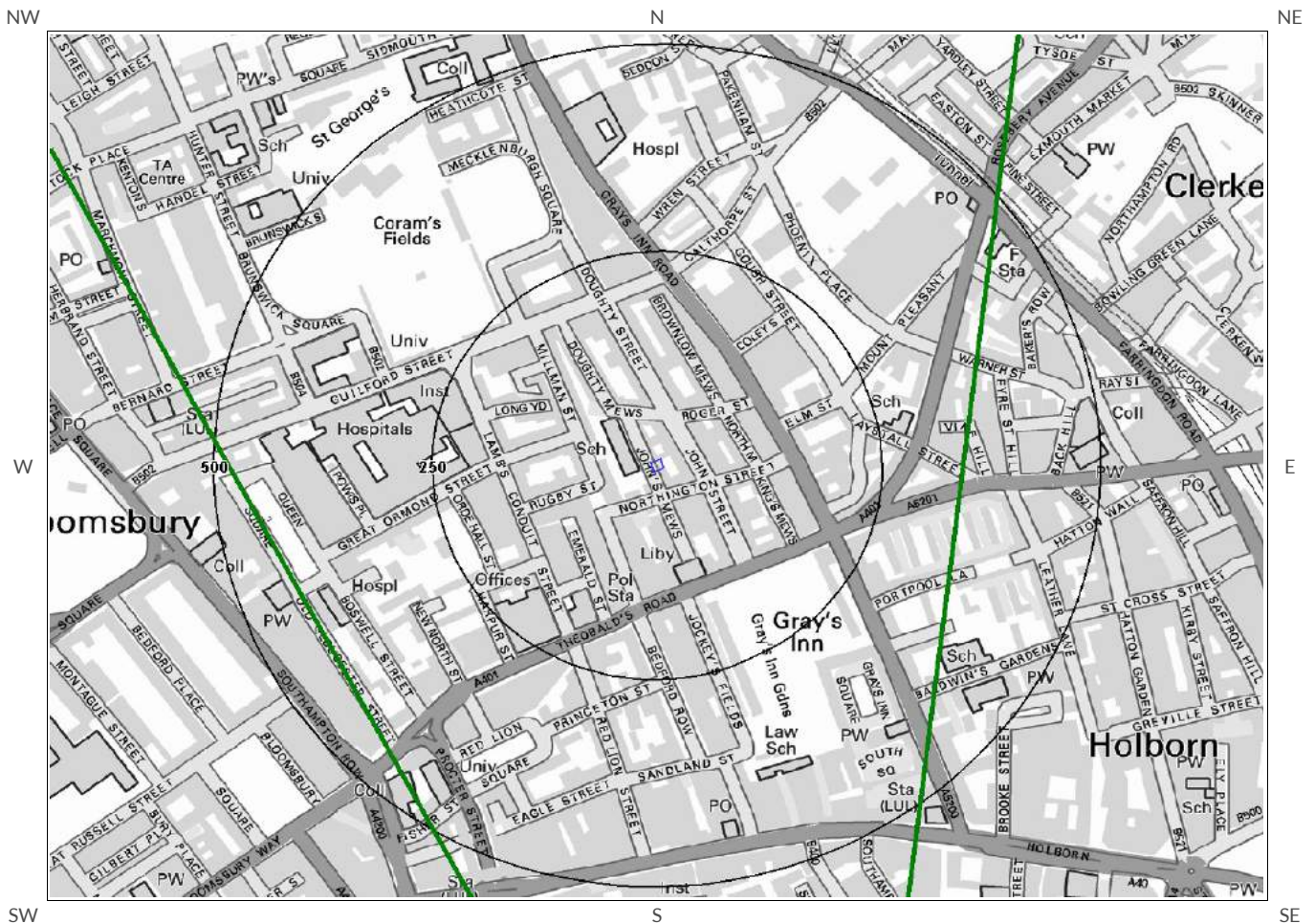
Map Legend


















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-  Site Outline
-  Source Protection Zone 1 - Inner Catchment
-  Source Protection Zone 2 - Outer Catchment
-  Source Protection Zone 3 - Total Catchment
-  Source Protection Zone 4 - Zone of Special Interest
-  Search Buffers (m)
-  Potable Water Abstraction Licence

5d. Hydrology - Detailed River Network and River Quality



Map Legend

-  Primary River
-  Secondary River
-  Tertiary River
-  Lake/Reservoir
-  Underground River (inferred)
-  General Quality Assessment: Biology
-  General Quality Assessment: Chemistry
-  Canal
-  Canal Tunnel
-  Culvert
-  Multiple Channel Culvert
-  Underground River (Potential Sewer)
-  Underground River (local knowledge)
-  Site Outline
-  Search Buffers (m)

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5. Hydrogeology and Hydrology

5.1 Aquifer within Superficial Deposits

Are there records of strata classification within the superficial geology at or in proximity to the property? **Yes**

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

The following aquifer records are shown on the Aquifer within Superficial Geology Map (5a):

ID	Distance (m)	Direction	Designation	Description
1	0.0	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

5.2 Aquifer within Bedrock Deposits

Are there records of strata classification within the bedrock geology at or in proximity to the property? **Yes**

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

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	Designation	Description
2	0.0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
1	230.0	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

5.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 2000m of the study site?

Yes

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	NGR	Details
Not shown	839.0	NE	531239 182777	<p>Licence No: TH/039/0039/059 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At New River Head Data Type: Point</p> <p>Annual Volume (m³): 1261440 Max Daily Volume (m³): 3456 Original Application No: NPS/WR/009226 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 1/4/2013 Version End Date:</p>
Not shown	847.0	NE	531280 182760	<p>Licence No: 28/39/39/0201 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: New River Head, Finsbury - Borehole Data Type: Point</p> <p>Annual Volume (m³): 1261440 Max Daily Volume (m³): 3456 Original Application No: WRA/R/2/2 Original Start Date: 8/1/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 8/1/2004 Version End Date:</p>
Not shown	855.0	E	531650 182150	<p>Licence No: 28/39/39/0206 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: 86-88 Clerkenwell Road, London- Borehole A Data Type: Point</p> <p>Annual Volume (m³): 25404 Max Daily Volume (m³): 125 Original Application No: NPS/WR/010632 Original Start Date: 4/7/2003 Expiry Date: 31/3/2025 Issue No: 4 Version Start Date: 10/9/2012 Version End Date:</p>
Not shown	874.0	SE	531600 181700	<p>Licence No: 28/39/39/0176 Details: Evaporative Cooling Direct Source: Thames Groundwater Point: Charterhouse Street, London - Borehole B Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 23/12/1994 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 11/1/1995 Version End Date:</p>
Not shown	874.0	SE	531600 181700	<p>Licence No: 28/39/39/0176 Details: Evaporative Cooling Direct Source: Thames Groundwater Point: Charterhouse Street, London - Borehole A Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 23/12/1994 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 11/1/1995 Version End Date:</p>
Not shown	883.0	E	531630 181750	<p>Licence No: 28/39/39/0176 Details: Evaporative Cooling Direct Source: Thames Groundwater Point: 2 Boreholes At Charterhouse Street, Smithfield At Point A Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: WRA/6138 Original Start Date: 23/12/1994 Expiry Date: 31/12/2004 Issue No: 101 Version Start Date: 1/4/2000 Version End Date:</p>
Not shown	946.0	W	529860 181863	<p>Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole 1, Keppel Street Data Type: Point</p> <p>Annual Volume (m³): 203407 Max Daily Volume (m³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 8/11/2010 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	946.0	W	529860 181863	Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Keppel Street, Bloomsbury, London - Borehole 1 Data Type: Point	Annual Volume (m ³): 203407 Max Daily Volume (m ³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 8/11/2010 Version End Date:
Not shown	948.0	W	529858 181865	Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole 2, Keppel Street Data Type: Point	Annual Volume (m ³): 203407 Max Daily Volume (m ³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 8/11/2010 Version End Date:
Not shown	948.0	W	529858 181865	Licence No: TH/039/0039/031 Details: Heat Pump Direct Source: Thames Groundwater Point: Keppel Street, Bloomsbury, London - Borehole 2 Data Type: Point	Annual Volume (m ³): 203407 Max Daily Volume (m ³): 558 Original Application No: NPS/WR/004429 Original Start Date: 8/11/2010 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 8/11/2010 Version End Date:
Not shown	987.0	NW	530052 182718	Licence No: TH/039/0039/001 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At Bidborough House 20 Mabledon Place London Data Type: Point	Annual Volume (m ³): 327600 Max Daily Volume (m ³): 1260 Original Application No: NPSWR000003 Original Start Date: 9/4/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 9/4/2009 Version End Date:
Not shown	987.0	NW	530052 182718	Licence No: TH/039/0039/001 Details: Heat Pump Direct Source: Thames Groundwater Point: Bidborough House 20 Mabledon Place London Data Type: Point	Annual Volume (m ³): 327600 Max Daily Volume (m ³): 1260 Original Application No: NPSWR000003 Original Start Date: 9/4/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 9/4/2009 Version End Date:
Not shown	987.0	NW	530052 182718	Licence No: TH/039/0039/064 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole At Bidborough House, 20 Mabledon Place, London Data Type: Point	Annual Volume (m ³): 327600 Max Daily Volume (m ³): 1440 Original Application No: NPS/WR/009216 Original Start Date: 16/4/2013 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 16/4/2013 Version End Date:
Not shown	1052.0	NE	531452 182887	Licence No: TH/039/0039/060 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Saddlers Wells Data Type: Point	Annual Volume (m ³): 473040 Max Daily Volume (m ³): 1296 Original Application No: NPS/WR/009228 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 1/4/2013 Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0208 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Sadler's Wells Theatre, London Data Type: Point	Annual Volume (m ³): 473040 Max Daily Volume (m ³): 1296 Original Application No: WRA/R/1010 Original Start Date: 13/12/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 13/12/2004 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0208 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Sadler's Wells Theatre, London Data Type: Point	Annual Volume (m ³): 473040 Max Daily Volume (m ³): 1296 Original Application No: WRA/R/1010 Original Start Date: 13/12/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 13/12/2004 Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: Borehole At Sadlers Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: A/N/6488 Original Start Date: - Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 29/9/1998 Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Water Bottling Direct Source: Thames Groundwater Point: Borehole At Sadlers Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: A/N/6488 Original Start Date: - Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 29/9/1998 Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Sadlers Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: A/N/6488 Original Start Date: - Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 29/9/1998 Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Sadler's Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 29/9/1998 Expiry Date: 31/12/2004 Issue No: 101 Version Start Date: 18/9/2001 Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: Borehole At Sadler's Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 29/9/1998 Expiry Date: 31/12/2004 Issue No: 101 Version Start Date: 18/9/2001 Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Water Bottling Direct Source: Thames Groundwater Point: Borehole At Sadler's Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 29/9/1998 Expiry Date: 31/12/2004 Issue No: 101 Version Start Date: 18/9/2001 Version End Date:
Not shown	1076.0	SE	531300 181100	Licence No: 28/39/39/0077 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At 37 Fleet Street, London Ec4 Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/6/1968 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1080.0	SE	531748 181533	Licence No: TH/039/0039/084 Details: Heat Pump Direct Source: Thames Groundwater Point: Confined Chalk At City And Guilds Head Office Data Type: Point	Annual Volume (m ³): 189216 Max Daily Volume (m ³): 519 Original Application No: NPS/WR/013619 Original Start Date: 23/8/2013 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 23/8/2013 Version End Date:
Not shown	1098.0	S	531050 180980	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole C Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: 28/3/2003 Version End Date:
Not shown	1101.0	S	531060 180980	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole A Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: 28/3/2003 Version End Date:
Not shown	1103.0	S	531030 180970	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole B Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: 28/3/2003 Version End Date:
Not shown	1265.0	S	531000 180800	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Globe House, Temple Place, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1995 Version End Date:
Not shown	1265.0	S	531000 180800	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At Globe House, Temple Place, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1995 Version End Date:
Not shown	1265.0	S	531000 180800	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Globe House, Temple Place, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1995 Version End Date:
Not shown	1303.0	N	530368 183294	Licence No: TH/039/0039/055 Details: Heat Pump Direct Source: Thames Groundwater Point: Regent Quarter - Borehole A Data Type: Point	Annual Volume (m ³): 323612 Max Daily Volume (m ³): 2160 Original Application No: NPS/WR/015663 Original Start Date: 6/2/2013 Expiry Date: 31/3/2025 Issue No: 2 Version Start Date: 25/6/2014 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1348.0	SE	531500 180900	<p>Licence No: 28/39/39/0057 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Two Boreholes At Unilever House, Blackfriars, London Ec4 Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 9/5/1966 Expiry Date: - Issue No: 100 Version Start Date: 9/5/1966 Version End Date:</p>
Not shown	1454.0	SE	532100 181400	<p>Licence No: 28/39/39/0112 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At St. Martins Le Grand, London Ec1 Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/10/1974 Version End Date:</p>
Not shown	1501.0	SE	532100 181300	<p>Licence No: 28/39/39/0112 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At St. Martins Le Grand, London Ec1 Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/10/1974 Version End Date:</p>
Not shown	1521.0	SE	532160 181370	<p>Licence No: 28/39/39/0112 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: St. Martins Le Grand- Borehole B Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 101 Version Start Date: 1/7/1998 Version End Date:</p>
Not shown	1538.0	SE	531950 181030	<p>Licence No: 28/39/39/0229 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Grange St Paul's Hotel- Borehole Data Type: Point</p> <p>Annual Volume (m³): 73000 Max Daily Volume (m³): 200 Original Application No: GEN/39/163 Original Start Date: 17/1/2007 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 17/1/2007 Version End Date:</p>
Not shown	1538.0	SE	531950 181030	<p>Licence No: TH/039/0039/066 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Grange St Paul's Hotel- Borehole Data Type: Point</p> <p>Annual Volume (m³): 45625 Max Daily Volume (m³): 125 Original Application No: NPS/WR/009183 Original Start Date: 1/4/2013 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/4/2013 Version End Date:</p>
Not shown	1554.0	SE	532160 181300	<p>Licence No: 28/39/39/0112 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: St. Martins Le Grand, London- Borehole C Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 101 Version Start Date: 1/7/1998 Version End Date:</p>
Not shown	1633.0	N	531022 183681	<p>Licence No: TH/039/0039/057 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Barnard Park Data Type: Point</p> <p>Annual Volume (m³): 914544 Max Daily Volume (m³): 3024 Original Application No: NPS/WR/009227 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 1/4/2013 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details
Not shown	1641.0	N	531020 183690	<p>Licence No: 28/39/39/0207 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barnard Park, Islington - Borehole Data Type: Point</p> <p>Annual Volume (m³): 914544 Max Daily Volume (m³): 3024 Original Application No: - Original Start Date: 2/5/2003 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 8/1/2004 Version End Date:</p>
Not shown	1642.0	SW	530089 180562	<p>Licence No: TH/039/0039/067 Details: Heat Pump Direct Source: Thames Groundwater Point: 6 St Martins Place, London, Wc2n - Borehole Data Type: Point</p> <p>Annual Volume (m³): 140000 Max Daily Volume (m³): 760 Original Application No: GEN/39/117 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 2 Version Start Date: 1/4/2013 Version End Date:</p>
Not shown	1644.0	SW	530090 180560	<p>Licence No: 28/39/39/0236 Details: Heat Pump Direct Source: Thames Groundwater Point: 6 St Martins Place, London, Wc2n - Borehole Data Type: Point</p> <p>Annual Volume (m³): 52000 Max Daily Volume (m³): 1300 Original Application No: GEN/39/117 Original Start Date: 24/4/2008 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 24/4/2008 Version End Date:</p>
Not shown	1719.0	SE	532245 181121	<p>Licence No: TH/039/0039/008 Details: Heat Pump Direct Source: Thames Groundwater Point: 1 New Change London - Borehole B Data Type: Point</p> <p>Annual Volume (m³): 185000 Max Daily Volume (m³): 972 Original Application No: NPSWR004940 Original Start Date: 22/7/2009 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 31/1/2011 Version End Date:</p>
Not shown	1719.0	SE	532245 181121	<p>Licence No: TH/039/0039/008 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole 'b' - 1 New Change London Data Type: Point</p> <p>Annual Volume (m³): 185000 Max Daily Volume (m³): 972 Original Application No: NPSWR004940 Original Start Date: 22/7/2009 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 31/1/2011 Version End Date:</p>
Not shown	1731.0	SE	532291 181171	<p>Licence No: TH/039/0039/008 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole 'a' - 1 New Change London Data Type: Point</p> <p>Annual Volume (m³): 185000 Max Daily Volume (m³): 972 Original Application No: NPSWR004940 Original Start Date: 22/7/2009 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 31/1/2011 Version End Date:</p>
Not shown	1731.0	SE	532291 181171	<p>Licence No: TH/039/0039/008 Details: Heat Pump Direct Source: Thames Groundwater Point: One New Change - Borehole A Data Type: Point</p> <p>Annual Volume (m³): 185000 Max Daily Volume (m³): 972 Original Application No: NPSWR001003 Original Start Date: 22/7/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 22/7/2009 Version End Date:</p>
Not shown	1731.0	SE	532291 181171	<p>Licence No: TH/039/0039/008 Details: Heat Pump Direct Source: Thames Groundwater Point: 1 New Change London - Borehole A Data Type: Point</p> <p>Annual Volume (m³): 185000 Max Daily Volume (m³): 972 Original Application No: NPSWR004940 Original Start Date: 22/7/2009 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 31/1/2011 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	1747.0	SW	529960 180510	Licence No: 28/39/39/0212 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: The National Gallery- Borehole Data Type: Point	Annual Volume (m ³): 30558 Max Daily Volume (m ³): 83.7 Original Application No: WRA/N/1311 Original Start Date: 27/10/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 1/4/2008 Version End Date:
Not shown	1747.0	SW	529960 180510	Licence No: 28/39/39/0212 Details: Evaporative Cooling Direct Source: Thames Groundwater Point: The National Gallery- Borehole Data Type: Point	Annual Volume (m ³): 30558 Max Daily Volume (m ³): 83.7 Original Application No: WRA/N/1311 Original Start Date: 27/10/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 1/4/2008 Version End Date:
Not shown	1777.0	S	530830 180270	Licence No: 28/39/42/0069 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: Royal Festival Hall, Belvedere Road, Se1 - Borehole Data Type: Point	Annual Volume (m ³): 132000 Max Daily Volume (m ³): 825 Original Application No: WRA/S/1191 Original Start Date: 5/5/2005 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 5/5/2005 Version End Date:
Not shown	1781.0	S	530826 180266	Licence No: 28/39/42/0069 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: Royal Festival Hall, Belvedere Road, Se1 - Borehole A Data Type: Point	Annual Volume (m ³): 257000 Max Daily Volume (m ³): 1620 Original Application No: - Original Start Date: 5/5/2005 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 6/7/2007 Version End Date:
Not shown	1781.0	S	530826 180266	Licence No: 28/39/42/0069 Details: General Use Relating To Secondary Category (High Loss) Direct Source: Thames Groundwater Point: Royal Festival Hall, Belvedere Road, Se1 - Borehole A Data Type: Point	Annual Volume (m ³): 257000 Max Daily Volume (m ³): 1620 Original Application No: - Original Start Date: 5/5/2005 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 6/7/2007 Version End Date:
Not shown	1781.0	S	530826 180266	Licence No: 28/39/42/0069/R01 Details: Heat Pump Direct Source: Thames Groundwater Point: Royal Festival Hall, Belvedere Road, Se1 - Borehole A Data Type: Point	Annual Volume (m ³): 257000 Max Daily Volume (m ³): 1620 Original Application No: NPS/WR/009246 Original Start Date: 1/4/2014 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/4/2014 Version End Date:
Not shown	1810.0	W	529100 181400	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London W1-borehole B Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: 26/11/1979 Version End Date:
Not shown	1810.0	W	529100 181400	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Walmer House, 296 Regent Street, London W1 Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: 26/11/1979 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1835.0	SE	531600 180400	<p>Licence No: 28/39/42/0004 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Stamford House, Stamford Street, - Borehole 'a' Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: WR/RG568 Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 19/6/1986 Version End Date:</p>
Not shown	1835.0	SE	531600 180400	<p>Licence No: 28/39/42/0004 Details: Process water Direct Source: Thames Groundwater Point: Stamford House, Stamford Street, - Borehole 'a' Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: WR/RG568 Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 19/6/1986 Version End Date:</p>
Not shown	1835.0	SE	531600 180400	<p>Licence No: 28/39/42/0004 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Stamford House, Stamford Street, - Borehole Data Type: Point</p> <p>Annual Volume (m³): 47733 Max Daily Volume (m³): 163.66 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 11/11/2004 Version End Date:</p>
Not shown	1835.0	SE	531600 180400	<p>Licence No: 28/39/42/0004 Details: Process Water Direct Source: Thames Groundwater Point: Stamford House, Stamford Street, - Borehole Data Type: Point</p> <p>Annual Volume (m³): 47733 Max Daily Volume (m³): 163.66 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 11/11/2004 Version End Date:</p>
Not shown	1891.0	SE	532300 180900	<p>Licence No: 28/39/39/0071 Details: Evaporative Cooling Direct Source: Thames Groundwater Point: Borehole At Beaver House, Great Trinity Street, London Ec4 Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: 1/1/2000 Version End Date:</p>
Not shown	1891.0	SE	532300 180900	<p>Licence No: 28/39/39/0071 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Beaver House, Great Trinity Street, London Ec4 Data Type: Point</p> <p>Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: 1/1/2000 Version End Date:</p>
Not shown	1895.0	S	530737 180153	<p>Licence No: 28/39/42/0069 Details: General Use Relating To Secondary Category (High Loss) Direct Source: Thames Groundwater Point: Royal Festival Hall, Belvedere Road Se1 - Borehole B Data Type: Point</p> <p>Annual Volume (m³): 257000 Max Daily Volume (m³): 1620 Original Application No: - Original Start Date: 5/5/2005 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 6/7/2007 Version End Date:</p>
Not shown	1895.0	S	530737 180153	<p>Licence No: 28/39/42/0069 Details: Non-Evaporative Cooling Direct Source: Thames Groundwater Point: Royal Festival Hall, Belvedere Road Se1 - Borehole B Data Type: Point</p> <p>Annual Volume (m³): 257000 Max Daily Volume (m³): 1620 Original Application No: - Original Start Date: 5/5/2005 Expiry Date: 31/3/2013 Issue No: 2 Version Start Date: 6/7/2007 Version End Date:</p>

ID	Distance (m)	Direction	NGR	Details	
Not shown	1895.0	S	530737 180153	Licence No: 28/39/42/0069/R01 Details: Heat Pump Direct Source: Thames Groundwater Point: Royal Festival Hall, Belvedere Road Se1 - Borehole B Data Type: Point	Annual Volume (m ³): 257000 Max Daily Volume (m ³): 1620 Original Application No: NPS/WR/009246 Original Start Date: 1/4/2014 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 1/4/2014 Version End Date:
Not shown	1901.0	SE	531872 180482	Licence No: TH/039/0042/006 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole B At Tate Modern, Bankside, London Data Type: Point	Annual Volume (m ³): 300000 Max Daily Volume (m ³): 2160 Original Application No: NPS/WR/004024 Original Start Date: 6/6/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 6/6/2011 Version End Date:
Not shown	1901.0	SE	531872 180482	Licence No: TH/039/0042/006 Details: Heat Pump Direct Source: Thames Groundwater Point: Tate Modern, Bankside, London - Borehole B Data Type: Point	Annual Volume (m ³): 300000 Max Daily Volume (m ³): 2160 Original Application No: NPS/WR/004024 Original Start Date: 6/6/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 6/6/2011 Version End Date:
Not shown	1912.0	W	529010 181350	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London, W1b - Borehole 'a' Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: NPS/WR/011671 Original Start Date: 11/10/1971 Expiry Date: - Issue No: 102 Version Start Date: 29/11/2012 Version End Date:
Not shown	1912.0	SE	531849 180454	Licence No: TH/039/0042/006 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole C At Tate Modern, Bankside, London Data Type: Point	Annual Volume (m ³): 300000 Max Daily Volume (m ³): 2160 Original Application No: NPS/WR/004024 Original Start Date: 6/6/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 6/6/2011 Version End Date:
Not shown	1912.0	SE	531849 180454	Licence No: TH/039/0042/006 Details: Heat Pump Direct Source: Thames Groundwater Point: Tate Modern, Bankside, London - Borehole C Data Type: Point	Annual Volume (m ³): 300000 Max Daily Volume (m ³): 2160 Original Application No: NPS/WR/004024 Original Start Date: 6/6/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 6/6/2011 Version End Date:
Not shown	1916.0	SE	531874 180466	Licence No: TH/039/0042/006 Details: Heat Pump Direct Source: Thames Groundwater Point: Borehole A At Tate Modern, Bankside Data Type: Point	Annual Volume (m ³): 300000 Max Daily Volume (m ³): 2160 Original Application No: NPS/WR/004024 Original Start Date: 6/6/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 6/6/2011 Version End Date:
Not shown	1916.0	SE	531874 180466	Licence No: TH/039/0042/006 Details: Heat Pump Direct Source: Thames Groundwater Point: Tate Modern, Bankside, London - Borehole A Data Type: Point	Annual Volume (m ³): 300000 Max Daily Volume (m ³): 2160 Original Application No: NPS/WR/004024 Original Start Date: 6/6/2011 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: 6/6/2011 Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1919.0	W	529010 181330	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London, W1b - Borehole 'b' Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: NPS/WR/011671 Original Start Date: 11/10/1971 Expiry Date: - Issue No: 102 Version Start Date: 29/11/2012 Version End Date:
Not shown	1940.0	SW	529000 181300	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London W1-borehole A Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: 26/11/1979 Version End Date:
Not shown	1940.0	SW	529000 181300	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Walmer House, 296 Regent Street, London W1 Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: 26/11/1979 Version End Date:
Not shown	1962.0	W	528830 181900	Licence No: TH/039/0039/010 Details: Heat Pump Direct Source: Thames Groundwater Point: 10 Weymouth Street, Ridgeford Properties Data Type: Point	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 400 Original Application No: NPSWR001161 Original Start Date: 13/8/2009 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 13/8/2009 Version End Date:
Not shown	1962.0	W	528830 181900	Licence No: TH/039/0039/068 Details: Heat Pump Direct Source: Thames Groundwater Point: 10 Weymouth Street, Ridgeford Properties Data Type: Point	Annual Volume (m ³): 50000 Max Daily Volume (m ³): 400 Original Application No: NPSWR009221 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: 1/4/2013 Version End Date:
Not shown	1991.0	SE	532600 181200	Licence No: 28/39/39/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'd' At Poultry, London Ec2 Data Type: Point	Annual Volume (m ³): 33317.6 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 3/4/2000 Version End Date:
Not shown	1991.0	SE	532600 181200	Licence No: 28/39/39/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Poultry, London Ec2 Data Type: Point	Annual Volume (m ³): 33317.6 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 3/4/2000 Version End Date:
Not shown	1991.0	SE	532600 181200	Licence No: 28/39/39/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Poultry, London Ec2 Data Type: Point	Annual Volume (m ³): 33317.6 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 3/4/2000 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1991.0	SE	532600 181200	Licence No: 28/39/39/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At Poultry, London Ec2 Data Type: Point Annual Volume (m ³): 33317.6 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 3/4/2000 Version End Date:
Not shown	2000.0	E	532800 182000	Licence No: 28/39/39/0069 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At Royal London House, Finsbury Square, London Data Type: Point Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/11/1995 Version End Date:
Not shown	2000.0	E	532800 182000	Licence No: 28/39/39/0069 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'd' At Royal House, Finsbury Square, London Data Type: Point Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/11/1995 Version End Date:
Not shown	2000.0	E	532800 182000	Licence No: 28/39/39/0069 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Royal London House, Finsbury Square, London Data Type: Point Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/11/1995 Version End Date:

5.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 2000m of the study site? Yes

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1535.0	N	530310 183520	Licence No: 28/39/39/0164 Details: Non-Evaporative Cooling Direct Source: Thames Surface Water - Non Tidal Point: Maiden Lane Bridge, London, Nw1 - Regents Canal Data Type: Point Annual Volume (m ³): 7010000 Max Daily Volume (m ³): 19520 Application No: - Original Start Date: 18/7/1980 Expiry Date: - Issue No: 101 Version Start Date: 17/12/2007 Version End Date:
Not shown	1604.0	NE	532100 183000	Licence No: 28/39/39/0164 Details: Non-Evaporative Cooling Direct Source: Thames Surface Water - Non Tidal Point: City Road Basin, Wharf Road, N1 - Regents Canal Data Type: Point Annual Volume (m ³): 7010000 Max Daily Volume (m ³): 19520 Application No: - Original Start Date: 18/7/1980 Expiry Date: - Issue No: 101 Version Start Date: 17/12/2007 Version End Date:

ID	Distance (m)	Direction	NGR	Details
Not shown	1858.0	NW	529750 183600	Licence No: 28/39/39/0172 Details: Make-Up or Top Up Water Direct Source: Thames Surface Water - Non Tidal Point: Grand Union Canal At Camley Street Nature Park, London Data Type: Point Annual Volume (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: 18/9/1991 Expiry Date: - Issue No: 100 Version Start Date: 18/9/1991 Version End Date:
Not shown	1858.0	NW	529750 183600	Licence No: 28/39/39/0172 Details: Make-Up or Top Up Water Direct Source: Thames Surface Water - Non Tidal Point: Camley Street Nature Park, London Data Type: Point Annual Volume (m ³): - Max Daily Volume (m ³): - Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 18/9/1991 Version End Date:

5.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site? Yes

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Licences Map (5c):

ID	Distance (m)	Direction	NGR	Details
Not shown	839.0	NE	531239 182777	Licence No: TH/039/0039/059 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At New River Head Data Type: Point Annual Volume (m ³): 1261440 Max Daily Volume (m ³): 3456 Original Application No: NPS/WR/009226 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: Version End Date:
Not shown	847.0	NE	531280 182760	Licence No: 28/39/39/0201 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: New River Head, Finsbury - Borehole Data Type: Point Annual Volume (m ³): 1261440 Max Daily Volume (m ³): 3456 Original Application No: WRA/R/2/2 Original Start Date: 8/1/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:
Not shown	855.0	E	531650 182150	Licence No: 28/39/39/0206 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: 86-88 Clerkenwell Road, London-Borehole A Data Type: Point Annual Volume (m ³): 25404 Max Daily Volume (m ³): 125 Original Application No: NPS/WR/010632 Original Start Date: 4/7/2003 Expiry Date: 31/3/2025 Issue No: 4 Version Start Date: Version End Date:
Not shown	1052.0	NE	531452 182887	Licence No: TH/039/0039/060 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Saddlers Wells Data Type: Point Annual Volume (m ³): 473040 Max Daily Volume (m ³): 1296 Original Application No: NPS/WR/009228 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Sadlers Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: A/N/6488 Original Start Date: - Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0208 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Sadler's Wells Theatre, London Data Type: Point	Annual Volume (m ³): 473040 Max Daily Volume (m ³): 1296 Original Application No: WRA/R/1010 Original Start Date: 13/12/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Water Bottling Direct Source: Thames Groundwater Point: Borehole At Sadlers Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: A/N/6488 Original Start Date: - Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0208 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Sadler's Wells Theatre, London Data Type: Point	Annual Volume (m ³): 473040 Max Daily Volume (m ³): 1296 Original Application No: WRA/R/1010 Original Start Date: 13/12/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Water Bottling Direct Source: Thames Groundwater Point: Borehole At Sadler's Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 29/9/1998 Expiry Date: 31/12/2004 Issue No: 101 Version Start Date: Version End Date:
Not shown	1061.0	NE	531450 182900	Licence No: 28/39/39/0188 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Sadler's Wells Theatre, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 29/9/1998 Expiry Date: 31/12/2004 Issue No: 101 Version Start Date: Version End Date:
Not shown	1076.0	SE	531300 181100	Licence No: 28/39/39/0077 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At 37 Fleet Street, London Ec4 Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1098.0	S	531050 180980	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole C Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1101.0	S	531060 180980	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole A Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1103.0	S	531030 180970	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Globe House, Victoria Embankment-Borehole B Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1265.0	S	531000 180800	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Globe House, Temple Place, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1265.0	S	531000 180800	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Globe House, Temple Place, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1265.0	S	531000 180800	Licence No: 28/39/39/0025 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At Globe House, Temple Place, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/1/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1348.0	SE	531500 180900	Licence No: 28/39/39/0057 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Two Boreholes At Unilever House, Blackfriars, London Ec4 Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 9/5/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1454.0	SE	532100 181400	Licence No: 28/39/39/0112 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At St. Martins Le Grand, London Ec1 Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1501.0	SE	532100 181300	Licence No: 28/39/39/0112 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At St. Martins Le Grand, London Ec1 Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1521.0	SE	532160 181370	Licence No: 28/39/39/0112 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: St. Martins Le Grand- Borehole B Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1538.0	SE	531950 181030	Licence No: TH/039/0039/066 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Grange St Paul's Hotel- Borehole Data Type: Point	Annual Volume (m ³): 45625 Max Daily Volume (m ³): 125 Original Application No: NPS WR/009183 Original Start Date: 1/4/2013 Expiry Date: 31/3/2019 Issue No: 1 Version Start Date: Version End Date:
Not shown	1538.0	SE	531950 181030	Licence No: 28/39/39/0229 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Grange St Paul's Hotel- Borehole Data Type: Point	Annual Volume (m ³): 73000 Max Daily Volume (m ³): 200 Original Application No: GEN/39/163 Original Start Date: 17/1/2007 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:
Not shown	1554.0	SE	532160 181300	Licence No: 28/39/39/0112 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: St. Martins Le Grand, London- Borehole C Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1633.0	N	531022 183681	Licence No: TH/039/0039/057 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Borehole At Barnard Park Data Type: Point	Annual Volume (m ³): 914544 Max Daily Volume (m ³): 3024 Original Application No: NPS WR/009227 Original Start Date: 1/4/2013 Expiry Date: 31/3/2025 Issue No: 1 Version Start Date: Version End Date:
Not shown	1641.0	N	531020 183690	Licence No: 28/39/39/0207 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barnard Park, Islington - Borehole Data Type: Point	Annual Volume (m ³): 914544 Max Daily Volume (m ³): 3024 Original Application No: - Original Start Date: 2/5/2003 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:
Not shown	1747.0	SW	529960 180510	Licence No: 28/39/39/0212 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: The National Gallery- Borehole Data Type: Point	Annual Volume (m ³): 30558 Max Daily Volume (m ³): 83.7 Original Application No: WRA/N/1311 Original Start Date: 27/10/2004 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:
Not shown	1810.0	W	529100 181400	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London W1-borehole B Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1810.0	W	529100 181400	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Walmer House, 296 Regent Street, London W1 Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1835.0	SE	531600 180400	Licence No: 28/39/42/0004 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Stamford House, Stamford Street, - Borehole Data Type: Point	Annual Volume (m ³): 47733 Max Daily Volume (m ³): 163.66 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1835.0	SE	531600 180400	Licence No: 28/39/42/0004 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Stamford House, Stamford Street, - Borehole 'a' Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: WR/RG568 Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1891.0	SE	532300 180900	Licence No: 28/39/39/0071 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole At Beaver House, Great Trinity Street, London Ec4 Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:
Not shown	1912.0	W	529010 181350	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London, W1b - Borehole 'a' Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: NPS/WR/011671 Original Start Date: 11/10/1971 Expiry Date: - Issue No: 102 Version Start Date: Version End Date:
Not shown	1919.0	W	529010 181330	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London, W1b - Borehole 'b' Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: NPS/WR/011671 Original Start Date: 11/10/1971 Expiry Date: - Issue No: 102 Version Start Date: Version End Date:
Not shown	1940.0	SW	529000 181300	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Walmer House, 296 Regent Street, London W1-borehole A Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1940.0	SW	529000 181300	Licence No: 28/39/39/0138 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Walmer House, 296 Regent Street, London W1 Data Type: Point	Annual Volume (m ³): 9126 Max Daily Volume (m ³): 25 Original Application No: - Original Start Date: 11/10/1971 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	1991.0	SE	532600 181200	Licence No: 28/39/39/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'd' At Poultry, London Ec2 Data Type: Point	Annual Volume (m ³): 33317.6 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1991.0	SE	532600 181200	Licence No: 28/39/39/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'a' At Poultry, London Ec2 Data Type: Point	Annual Volume (m ³): 33317.6 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1991.0	SE	532600 181200	Licence No: 28/39/39/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Poultry, London Ec2 Data Type: Point	Annual Volume (m ³): 33317.6 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1991.0	SE	532600 181200	Licence No: 28/39/39/0098 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At Poultry, London Ec2 Data Type: Point	Annual Volume (m ³): 33317.6 Max Daily Volume (m ³): 90.92 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	2000.0	E	532800 182000	Licence No: 28/39/39/0069 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'b' At Royal London House, Finsbury Square, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	2000.0	E	532800 182000	Licence No: 28/39/39/0069 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'd' At Royal House, Finsbury Square, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	2000.0	E	532800 182000	Licence No: 28/39/39/0069 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Borehole 'c' At Royal London House, Finsbury Square, London Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

5.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site? No

Database searched and no data found.

5.7 Groundwater Vulnerability and Soil Leaching Potential

Is there any Environment Agency information on groundwater vulnerability and soil leaching potential within 500m of the study site? Yes

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
0	On Site	Minor Aquifer/High Leaching Potential	HU	Soil information for urban areas and restored mineral workings. These soils are therefore assumed to be highly permeable in the absence of site-specific information.

5.8 River Quality

Is there any Environment Agency information on river quality within 1500m of the study site? No

5.8.1 Biological Quality:

Database searched and no data found.

5.8.2 Chemical Quality:

Database searched and no data found.

5.9 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site? Yes

The following Detailed River Network records are represented on the Hydrology Map (5d):

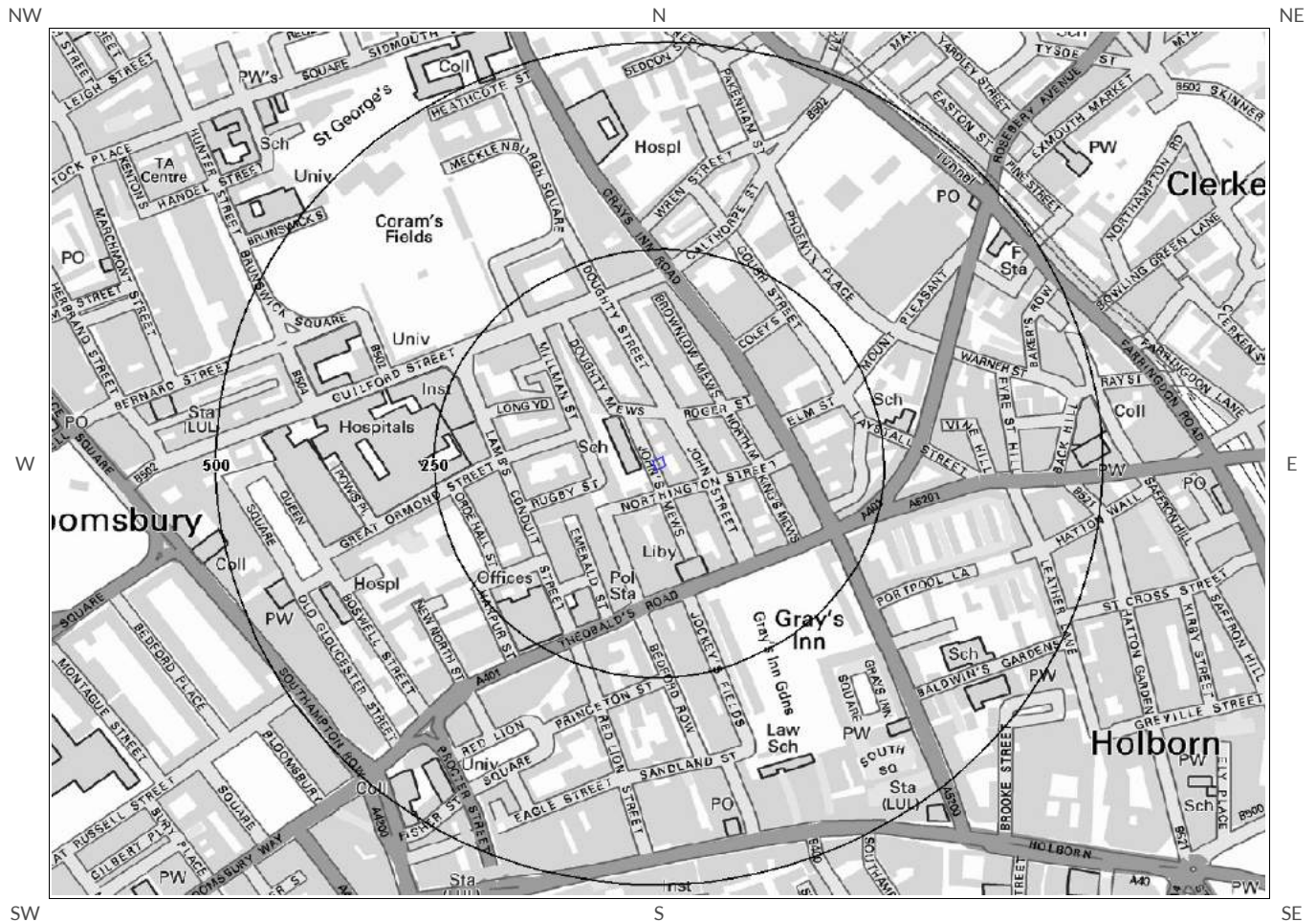
ID	Distance (m)	Direction	Details
1	340.0	E	River Name: - Welsh River Name: - Alternative Name: - River Type: Culvert Main River Status: Currently Undefined
2	426.0	SW	River Name: - Welsh River Name: - Alternative Name: - River Type: Culvert Main River Status: Currently Undefined

5.10 Surface Water Features

Are there any surface water features within 250m of the study site? No

Database searched and no data found.








6. Environment Agency Flood Map for planning (from rivers and the sea)



Map Legend



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-  Zone 2 Floodplain
-  Zone 3 Floodplain
-  Flood Storage Area
-  Area Benefiting from Flood Defences
-  Flood Defences
-  Site Outline
-  Search Buffers (m)
— 250 —
— 500 —



6. Flooding

6.1 Zone 2 Flooding

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

Is the site within 250m of an Environment Agency Zone 2 floodplain? No

Database searched and no data found.

6.2 Zone 3 Flooding

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

Is the site within 250m of an Environment Agency Zone 3 floodplain? No

Database searched and no data found.

6.3 Flood Defences

Are there any Flood Defences within 250m of the study site? No

Database searched and no data found.

6.4 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site? No

6.5 Areas benefiting from Flood Storage

Are there any areas used for Flood Storage within 250m of the study site? No

6.6 Groundwater Flooding Susceptibility Areas

6.6.1 Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site?

Yes

Does this relate to Clearwater Flooding or Superficial Deposits Flooding? Superficial Deposits Flooding

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

6.6.2 What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?

Potential at Surface

Where potential for groundwater flooding to occur at surface is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

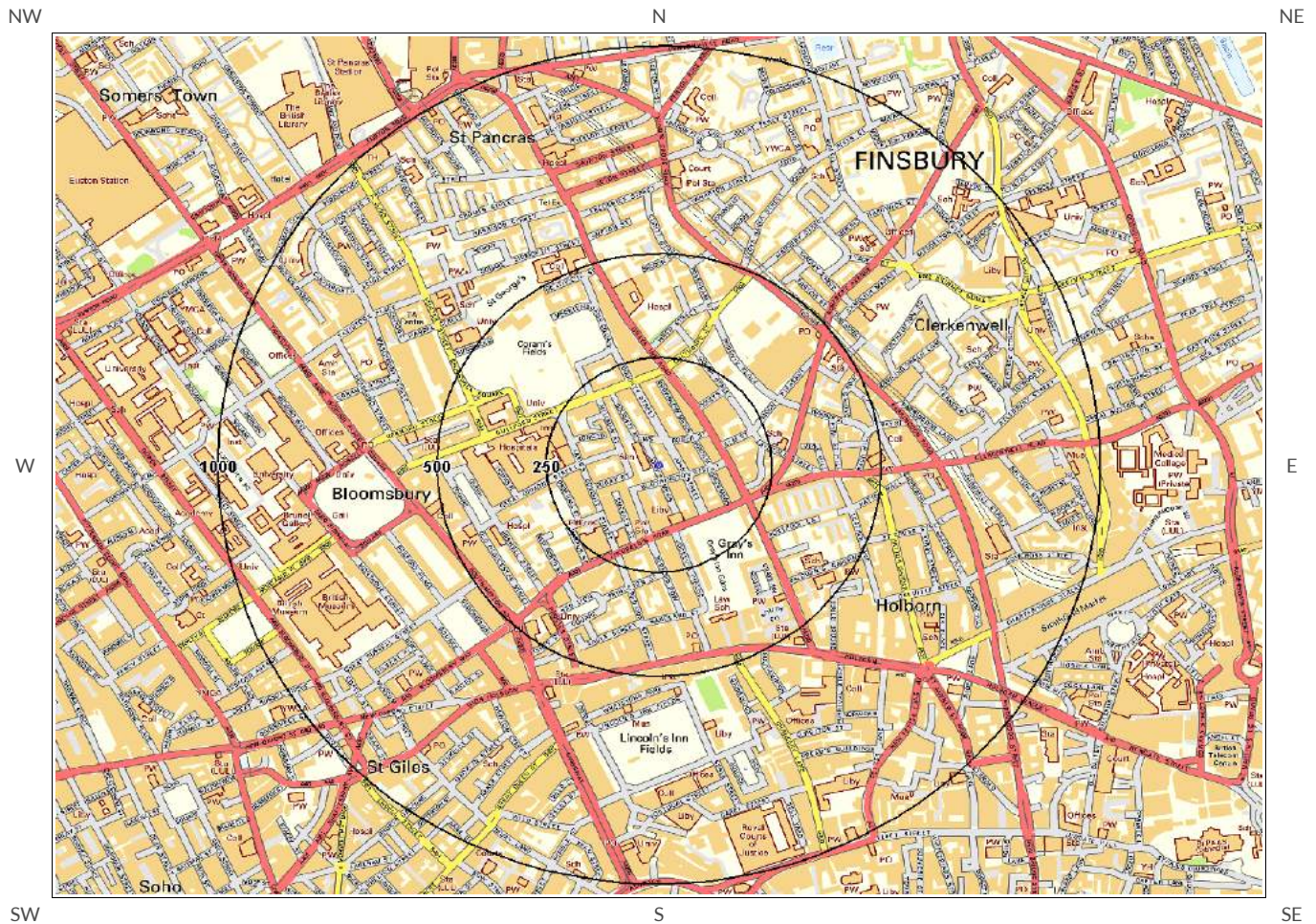
6.7 Groundwater Flooding Confidence Areas

What is the British Geological Survey confidence rating in this result? Moderate

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

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

7. Designated Environmentally Sensitive Sites Map



Map Legend



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- | | | | | |
|-------------------------------------|-------------------------|----------------|-------------------|---------------------------------|
| Site Outline | SAC | SSSI | NNR | World Heritage Sites |
| Areas of Outstanding Natural Beauty | SPA | Ramsar | LNR | Environmentally Sensitive Areas |
| Nitrate Vulnerable Zones | Nitrate Sensitive Areas | National Parks | Ancient Woodlands | |



7. Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site? Yes

7.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site: 0

Database searched and no data found.

7.2 Records of National Nature Reserves (NNR) within 2000m of the study site: 0

Database searched and no data found.

7.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site: 0

Database searched and no data found.

7.4 Records of Special Protection Areas (SPA) within 2000m of the study site: 0

Database searched and no data found.

7.5 Records of Ramsar sites within 2000m of the study site: 0

Database searched and no data found.

7.6 Records of Ancient Woodland within 2000m of the study site: 0

Database searched and no data found.

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

2

The following Local Nature Reserve (LNR) records provided by Natural England/Countryside Council for Wales and Scottish Natural Heritage are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	LNR Name	Data Source
Not shown	1513.0	NW	Camley Street Nature Park	Natural England
Not shown	1541.0	NW	Camley Street Nature Park	Natural England

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.



8. Natural Hazards Findings

8.1 Detailed BGS GeoSure Data

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

8.1.1 Shrink Swell

What is the maximum Shrink-Swell* hazard rating identified on the study site? Moderate

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

Hazard

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

8.1.2 Landslides

What is the maximum Landslide* hazard rating identified on the study site? Very Low

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

Hazard

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

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

8.1.3 Soluble Rocks

What is the maximum Soluble Rocks* hazard rating identified on the study site?

Negligible

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

Hazard

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

8.1.4 Compressible Ground

What is the maximum Compressible Ground* hazard rating identified on the study site?

Negligible

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

Hazard

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

8.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site?

Very Low

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

Hazard

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

8.1.6 Running Sand

What is the maximum Running Sand** hazard rating identified on the study site?

Very Low

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

Hazard

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

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



9. Mining

9.1 Coal Mining

Are there any coal mining areas within 75m of the study site?

No

Database searched and no data found.

9.2 Shallow Mining

What is the subsidence hazard relating to shallow mining on-site*?

Negligible

*Please note this data is searched with a 150m buffer.

9.3 Brine Affected Areas

Are there any brine affected areas within 75m of the study site?

No

Guidance: No Guidance Required.

Contact Details

GroundSure Helpline
Telephone: 08444 159 000
info@groundsure.com



British Geological Survey Enquiries

Kingsley Dunham Centre
Keyworth, Nottingham NG12 5GG
Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email: enquiries@bgs.ac.uk
Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries



Environment Agency

National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 08708 506 506

Web: www.environment-agency.gov.uk
Email: enquiries@environment-agency.gov.uk



Public Health England

Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
<https://www.gov.uk/government/organisations/public-health-england>
Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000



The Coal Authority

200 Lichfield Lane
Mansfield
Notts NG18 4RG
Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk



Ordnance Survey

Adanac Drive, Southampton
SO16 0AS
Tel: 08456 050505



Local Authority

Authority: Camden London Borough Council
Phone: 020 7278 4444
Web: www.camden.gov.uk
Address: Camden Town Hall, Judd Street, Camden, London, WC1H 9JE

Gemapping PLC

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



Acknowledgements: Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, English Nature who retain the Copyright and Intellectual Property Rights for the data. PointX © Database Right/Copyright, Thomson Directories Limited © Copyright Link Interchange Network Limited © Database Right/Copyright and Ordnance Survey © Crown Copyright and/or Database Right. All Rights Reserved. Licence Number [03421028]. This report has been prepared in accordance with the GroundSure Ltd standard Terms and Conditions of business for work of this nature.

Standard Terms and Conditions

1 Definitions

In these terms and conditions unless the context otherwise requires:

"Beneficiary" means the person or entity for whose benefit the Client has obtained the Services.

"Client" means the party or parties entering into a Contract with GroundSure.

"Commercial" means any building or property which is not Residential.

"Confidential Information" means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

(i) information which the Client can prove was rightfully in its possession prior to disclosure by GroundSure and

(ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

"Support Services" means Support Services provided by GroundSure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

"Contract" means the contract between GroundSure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

"Third Party Data Provider" means any third party providing Third Party Content to GroundSure.

"Data Reports" means reports comprising factual data with no accompanying interpretation.

"Fees" has the meaning set out in clause 5.1.

"GroundSure" means GroundSure Limited, a company registered in England and Wales under number 03421028.

"GroundSure Materials" means all materials prepared by GroundSure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

"Intellectual Property" means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

"Mapping" means a map, map data or a combination of historical maps of various ages, time periods and scales.

"Order" means an electronic, written or other order form submitted by the Client requesting Services from GroundSure in respect of a specified Site.

"Ordnance Survey" means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

"Order Website" means the online platform through which Orders may be placed by the Client and accepted by GroundSure.

"Report" means a Risk Screening Report or Data Report for Commercial or Residential property.

"Residential" means any building or property used as or intended to be used as a single dwelling.

"Risk Screening Report" means a risk screening report comprising factual data with an accompanying interpretation by GroundSure.

"Services" means any Report, Mapping and/or Support Services which GroundSure has agreed to provide by accepting an Order pursuant to clause 2.6.

"Site" means the area of land in respect of which the Client has requested GroundSure to provide the Services.

"Third Party Content" means data, database information or other information which is provided to GroundSure by a Third Party Data Provider.

"User Guide" means the user guide, as amended from time to time, available upon request from GroundSure and on the website (www.GroundSure.com) and forming part of this Contract.

2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 GroundSure agrees to provide the Services in accordance with the Contract.

2.2 GroundSure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of GroundSure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client's order form, printed stationery or other communication, or any terms or conditions

implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, GroundSure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and GroundSure will have no liability therefor. In addition you acknowledge and agree that GroundSure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 GroundSure's quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by GroundSure. GroundSure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by GroundSure. GroundSure's acceptance of an Order shall be binding only when made in writing and signed by GroundSure's authorised representative or when accepted through the Order Website.

3 The Client's obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to GroundSure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary's needs.

3.3 The Client shall supply to GroundSure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as GroundSure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client's approval or decision is required to enable GroundSure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the GroundSure Materials, or use the GroundSure Materials in a manner for which they were not intended. The Client may make the GroundSure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that GroundSure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

4 Reliance

4.1 The Client acknowledges that the Services provided by GroundSure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by GroundSure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

(i) the Beneficiary,

(ii) the Beneficiary's professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),

(iv) the first purchaser or first tenant of the Site, and

(v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by GroundSure. Any party considering such Reports and Services does so at their own risk.

5 Fees and Disbursements

5.1 GroundSure shall charge and the Client shall pay fees at the rate and frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by GroundSure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together "Fees").

5.2 The Client shall pay all outstanding Fees to GroundSure in full without deduction, counterclaim or set off within 30 days of the date of GroundSure's invoice or such other period as may be agreed in writing between GroundSure and the Client ("Payment Date"). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of GroundSure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

6 Intellectual Property and Confidentiality

6.1 Subject to

(i) full payment of all relevant Fees and

(ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the GroundSure Materials.

6.2 All Intellectual Property in the GroundSure Materials are and shall remain owned by GroundSure or GroundSure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the GroundSure Materials shall:

(i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to GroundSure or any third party from the Services;

(ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;

(iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);

(iv) not combine the Services with or incorporate such Services into any other information data or service;

(v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);

(vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and

(vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey,

6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the GroundSure Materials in order to advise the Beneficiary in a professional capacity. However, GroundSure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify GroundSure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

7. Liability: Particular Attention Should Be Paid To This Clause

7.1 This Clause 7 sets out the entire liability of GroundSure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

(i) any breach of contract, including any deliberate breach of the Contract by GroundSure or its employees, agents or subcontractors;

(ii) any use made of the Reports, Services, Materials or any part of them; and

(iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death

or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 GroundSure shall not be liable for

(i) loss of profits;

(ii) loss of business;

(iii) depletion of goodwill and/or similar losses;

(iv) loss of anticipated savings;

(v) loss of goods;

(vi) loss of contract;

(vii) loss of use;

(viii) loss or corruption of data or information;

(ix) business interruption;

(x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;

(xi) loss or damage that arise as a result of the use of all or part of the GroundSure Materials in breach of the Contract;

(xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the GroundSure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;

(xiii) loss or damage to a computer, software, modem, telephone or other property; and

(xiv) loss or damage caused by a delay or loss of use of GroundSure's internet ordering service.

7.5 GroundSure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 GroundSure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of GroundSure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against GroundSure in relation to the Services or other matters arising pursuant to the Contract.

8 GroundSure's right to suspend or terminate

8.1 If GroundSure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, GroundSure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 GroundSure shall be entitled to terminate the Contract immediately on written notice in the event that:

(i) the Client fails to pay any sum due to GroundSure within 30 days of the Payment Date; or

(ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or

(iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or

(iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

9. Client's Right to Terminate and Suspend

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon GroundSure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are

(a) supplied to the Client's specification(s) and in any event

(b) by their nature cannot be returned.

10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination of the Contract:

(i) GroundSure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in

GroundSure's possession or control; and

(ii) the Client shall pay to GroundSure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay GroundSure any additional costs incurred in relation to the termination or suspension of the Contract.

11 Anti-Bribery

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of GroundSure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to GroundSure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

12 General

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through GroundSure.

12.3 GroundSure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of GroundSure.

12.4 No failure on the part of GroundSure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 GroundSure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

- (i) the Client or Beneficiary's failure to provide facilities, access or information;
- (ii) fire, storm, flood, tempest or epidemic;
- (iii) Acts of God or the public enemy;
- (iv) riot, civil commotion or war;
- (v) strikes, labour disputes or industrial action;
- (vi) acts or regulations of any governmental or other agency;
- (vii) suspension or delay of services at public registries by Third Party Data Providers;
- (viii) changes in law; or
- (ix) any other reason beyond GroundSure's reasonable control.

In the event that GroundSure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then GroundSure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English

law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 GroundSure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at GroundSure who will respond in a timely manner.

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law. © GroundSure Limited June 2013

Gabriel GeoConsulting Ltd
Highfield House, Rolvenden Road,
Benenden, TN17 4EH

GroundSure Reference: HMD-1661663

Your Reference: GGC15321

Report Date 12 Sep 2014

Report Delivery Method: Email - pdf

GroundSure Geoinsight

Address: 13-15,JOHNS MEWS,LONDON, WC1N 2PA

Dear Sir/ Madam,

Thank you for placing your order with GroundSure. Please find enclosed the **GroundSure GeoInsight** as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above GroundSure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

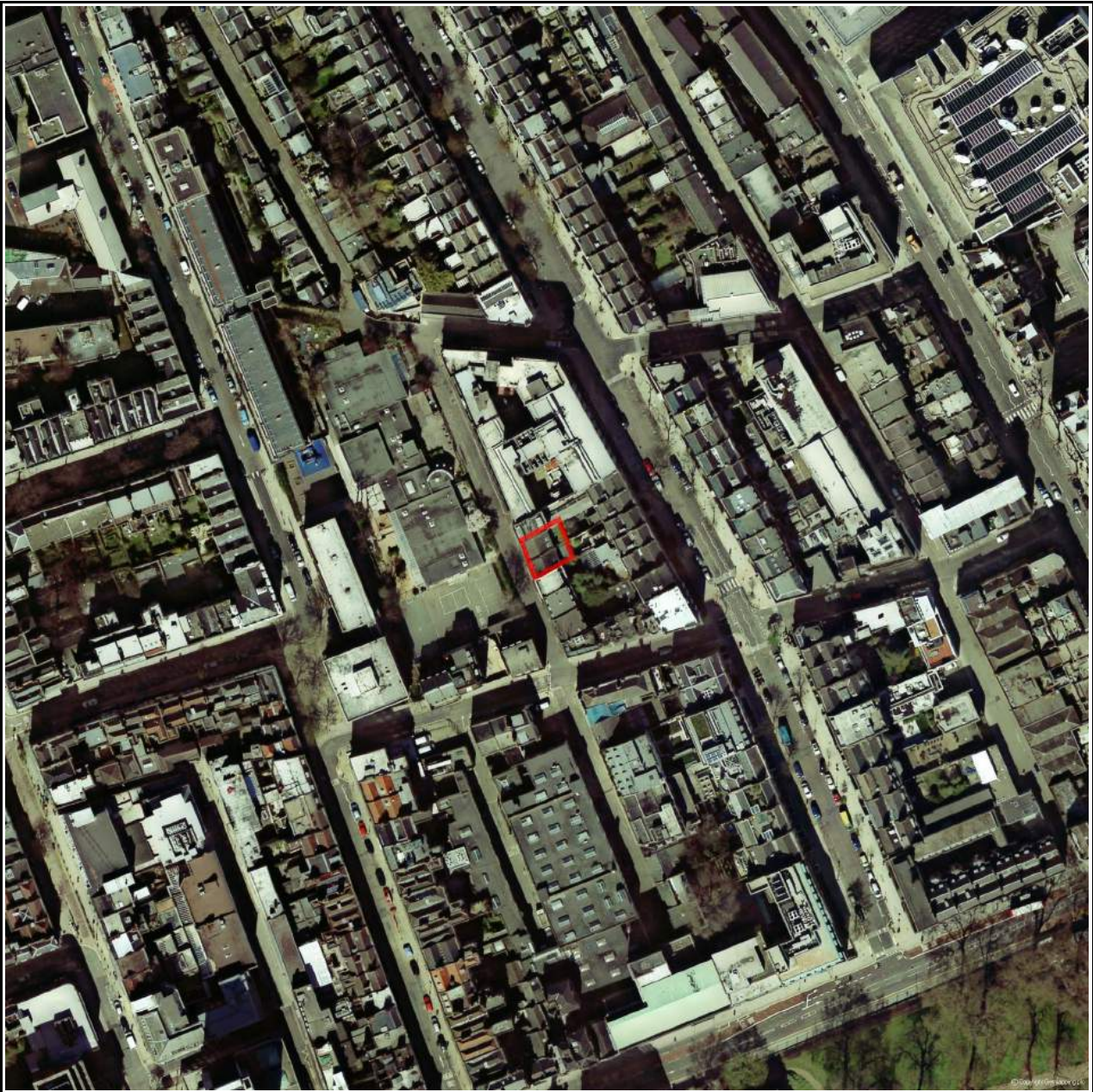
Enc.
GroundSure GeoInsight



GroundSure GeoInsight

Address: 13-15,JOHNS MEWS,LONDON, WC1N 2PA
Date: 12 Sep 2014
Reference: HMD-1661663
Client: Gabriel GeoConsulting Ltd

NW N NE



W E

SW S SE

Aerial Photograph Capture date: 20-Apr-2013
Grid Reference: 530793,182058
Site Size: 0.01ha

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Overview of Findings

The GroundSure GeoInsight provides high quality geo-environmental information that allows geo-environmental professionals and their clients to make informed decisions and be forewarned of potential ground instability problems that may affect the ground investigation, foundation design and possibly remediation options that could lead to possible additional costs.

The report is based on the BGS 1:50,000 Digital Geological Map of Great Britain, BGS Geosure data; BRITPITS database; Shallow Mining data and Borehole Records, Coal Authority data including brine extraction areas, PBA non-coal mining and natural cavities database, Johnson Poole and Bloomer mining data and GroundSure's unique database including historical surface ground and underground workings.

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

Section 1:Geology

1.1 Artificial Ground	1.1.1 Is there any Artificial Ground/ Made Ground present beneath the study site?	No
	1.1.2 Are there any records relating to permeability of artificial ground within the study site* boundary?	No
1.2 Superficial Geology and Landslips	1.2.1 Is there any Superficial Ground/Drift Geology present beneath the study site?	Yes
	1.2.2 Are there any records relating to permeability of superficial geology within the study site boundary?	Yes
	1.2.3 Are there any records of landslip within 500m of the study site boundary?	No
	1.2.4 Are there any records relating to permeability of landslips within the study site boundary?	No
1.3 Bedrock, Solid Geology & Faults	1.3.1 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.	
	1.3.2 Are there any records relating to permeability of bedrock within the study site boundary?	Yes
	1.3.3 Are there any records of faults within 500m of the study site boundary?	No
1.4 Radon data	1.4.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level
	1.4.2 Is the property in an area where Radon Protection Measures are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?	No radon protective measures are necessary

Section 2:Ground Workings

	On-site	0-50m	51-250	251-500	501-1000
2.1 Historical Surface Ground Working Features from Small Scale Mapping	0	0	0	Not Searched	Not Searched
2.2 Historical Underground Workings from Small Scale Mapping	0	0	0	8	15
2.3 Current Ground Workings	0	0	0	0	0

Section 3:Mining, Extraction & Natural Cavities

	On-site	0-50m	51-250	251-500	501-1000
3.1 Historical Mining	0	0	0	0	0

Section 3: Mining, Extraction & Natural Cavities	On-site	0-50m	51-250	251-500	501-1000
3.2 Coal Mining	0	0	0	0	0
3.3 Johnson Poole and Bloomer Mining Area	1	1	2	0	2
3.4 Non-Coal Mining	0	0	1	0	0
3.5 Non-Coal Mining Cavities	0	0	0	0	0
3.6 Natural Cavities	0	0	0	1	0
3.7 Brine Extraction	0	0	0	0	0
3.8 Gypsum Extraction	0	0	0	0	0
3.9 Tin Mining	0	0	0	0	0
3.10 Clay Mining	0	0	0	0	0

Section 4: Natural Ground Subsidence	On-site
4.1 Shrink Swell Clay	Moderate
4.2 Landslides	Very Low
4.3 Ground Dissolution of Soluble Rocks	Negligible
4.4 Compressible Deposits	Negligible
4.5 Collapsible Deposits	Very Low
4.6 Running Sand	Very Low

Section 5: Borehole Records	On-site	0-50m	51-250
5 BGS Recorded Boreholes	0	0	37

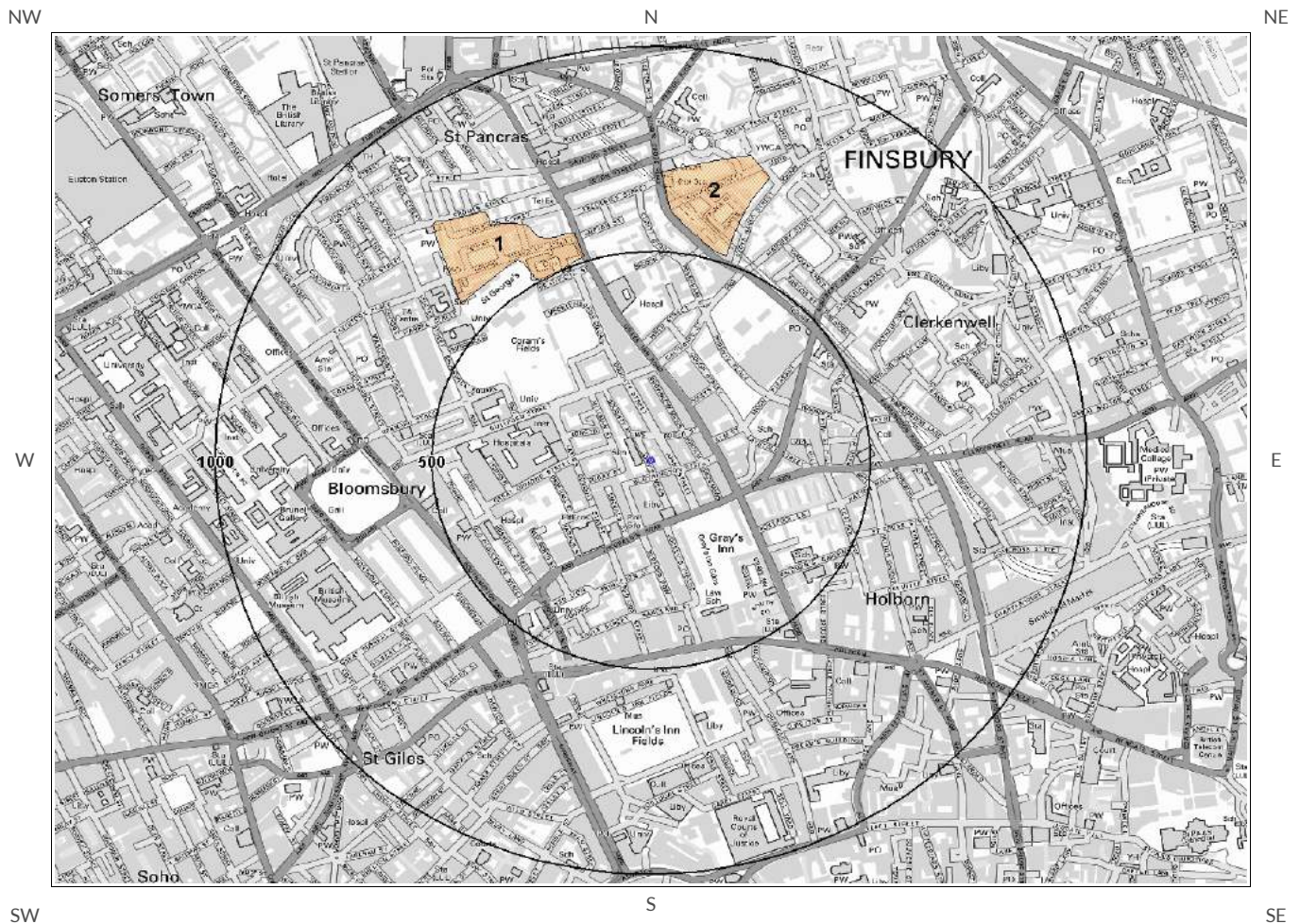
Section 6: Estimated Background Soil Chemistry	On-site	0-50m	51-250
6 Records of Background Soil Chemistry	1	2	9

Section 7: Railways and Tunnels	On-site	0-50m	51-250	251-500
7.1 Tunnels	0	0	0	Not Searched
7.2 Historical Railway and Tunnel Features	0	0	0	Not Searched
7.3 Historical Railways	0	1	0	Not Searched
7.4 Active Railways	0	0	0	Not Searched

Section 7:Railways and Tunnels	On-site	0-50m	51-250	251-500
7.5 Railway Projects	0	0	0	2

1 Geology

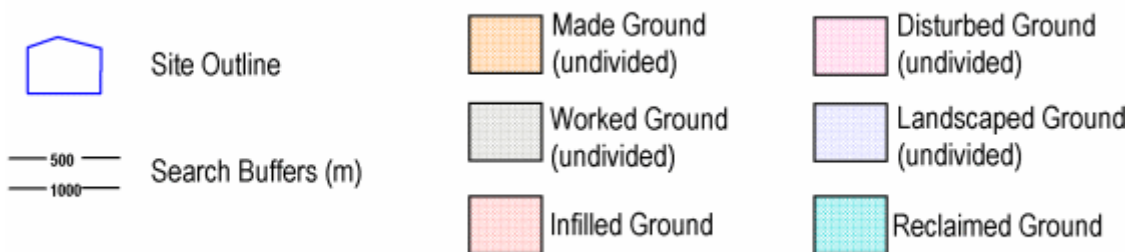
1.1 Artificial Ground Map



Artificial Ground Legend



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1 Geology

1.1 Artificial Ground

1.1.1 Artificial/ Made Ground

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

Are there any records of Artificial/Made Ground within 500m of the study site boundary? Yes

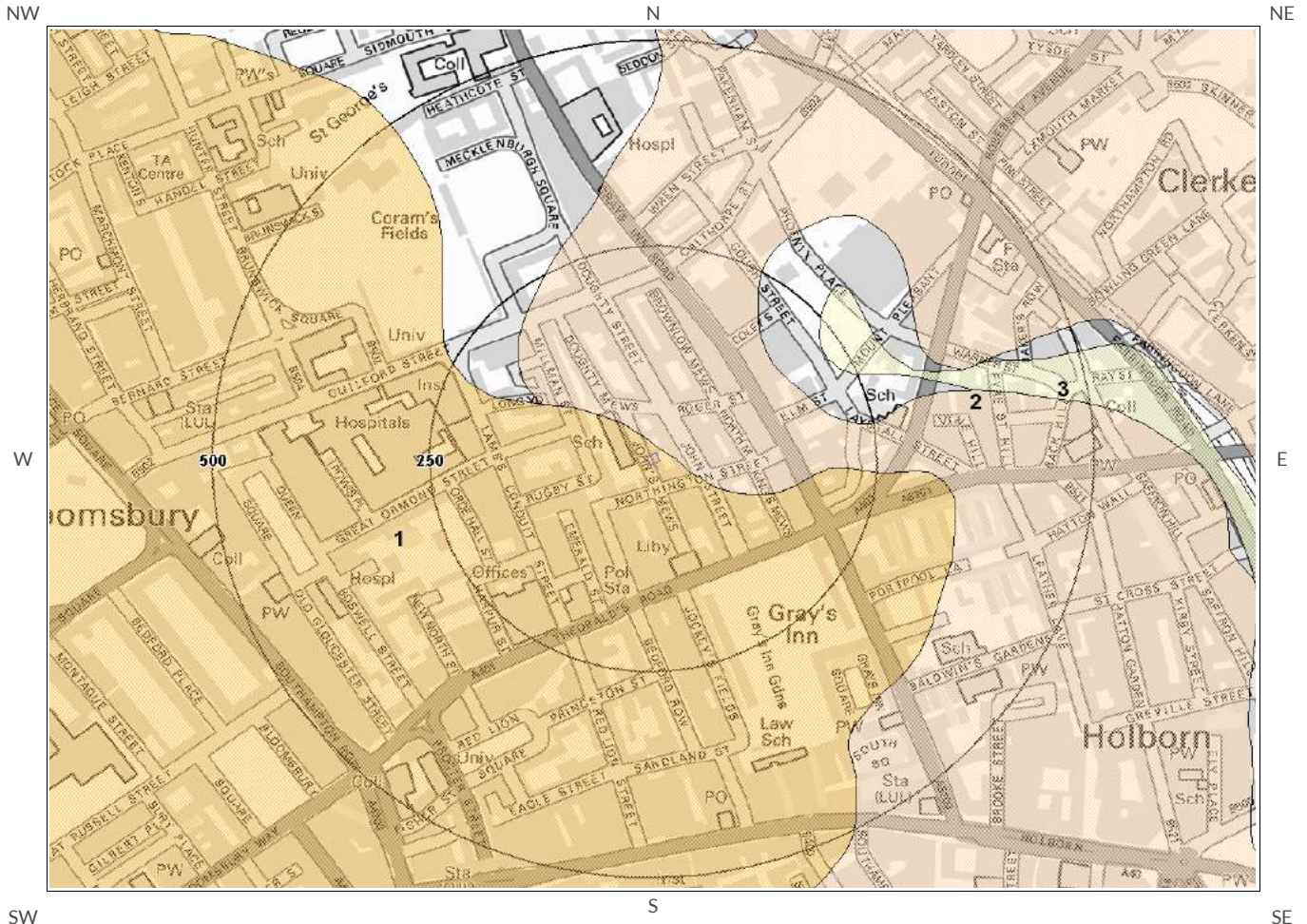
ID	Distance (m)	Direction	LEX Code	Description	Rock Description
1	497.0	NW	WGR-OPEN	WORKED GROUND (UNDIVIDED)	VOID

1.1.2 Permeability of Artificial Ground

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

Database searched and no data found.

1.2 Superficial Deposits and Landslips Map



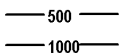
Superficial Deposits and Landslips Legend



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Site Outline



Search Buffers (m)

1.2 Superficial Deposits and Landslips

1.2.1 Superficial Deposits/ Drift Geology

Are there any records of Superficial Deposits/ Drift Geology within 500m of the study site boundary? Yes

ID	Distance (m)	Direction	LEX Code	Description	Rock Description
1	0.0	On Site	LHGR-SAGR	LYNCH HILL GRAVEL MEMBER	SAND AND GRAVEL
2	6.0	NE	HAGR-SAGR	HACKNEY GRAVEL MEMBER	SAND AND GRAVEL
3	227.0	NE	ALV-CSSG	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

1.2.2 Permeability of Superficial Ground

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

Distance (m)	Direction	Flow Type	Maximum Permeability	Minimum Permeability
0.0	On Site	Intergranular	Very High	High
6.0	NE	Intergranular	Very High	High

1.2.3 Landslip

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

Database searched and no data found.

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

1.2.4 Landslip Permeability

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

Database searched and no data found.

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

1.3 Bedrock and Faults Map



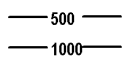
Bedrock and Faults Legend



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Site Outline



Search Buffers (m)

1.3 Bedrock, Solid Geology & Faults

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

1.3.1 Bedrock/ Solid Geology

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

ID	Distance (m)	Direction	LEX Code	Description	Rock Age
1	0.0	On Site	LC-CLSS	London Clay Formation - Clay, Silt And Sand	Eocene
2	230.0	N	LMBE-CLSS	Lambeth Group - Clay, Silt And Sand	Paleocene

1.3.2 Permeability of Bedrock Ground

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

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

1.3.3 Faults

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

Database searched and no data found.

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

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

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

1.4 Radon Data

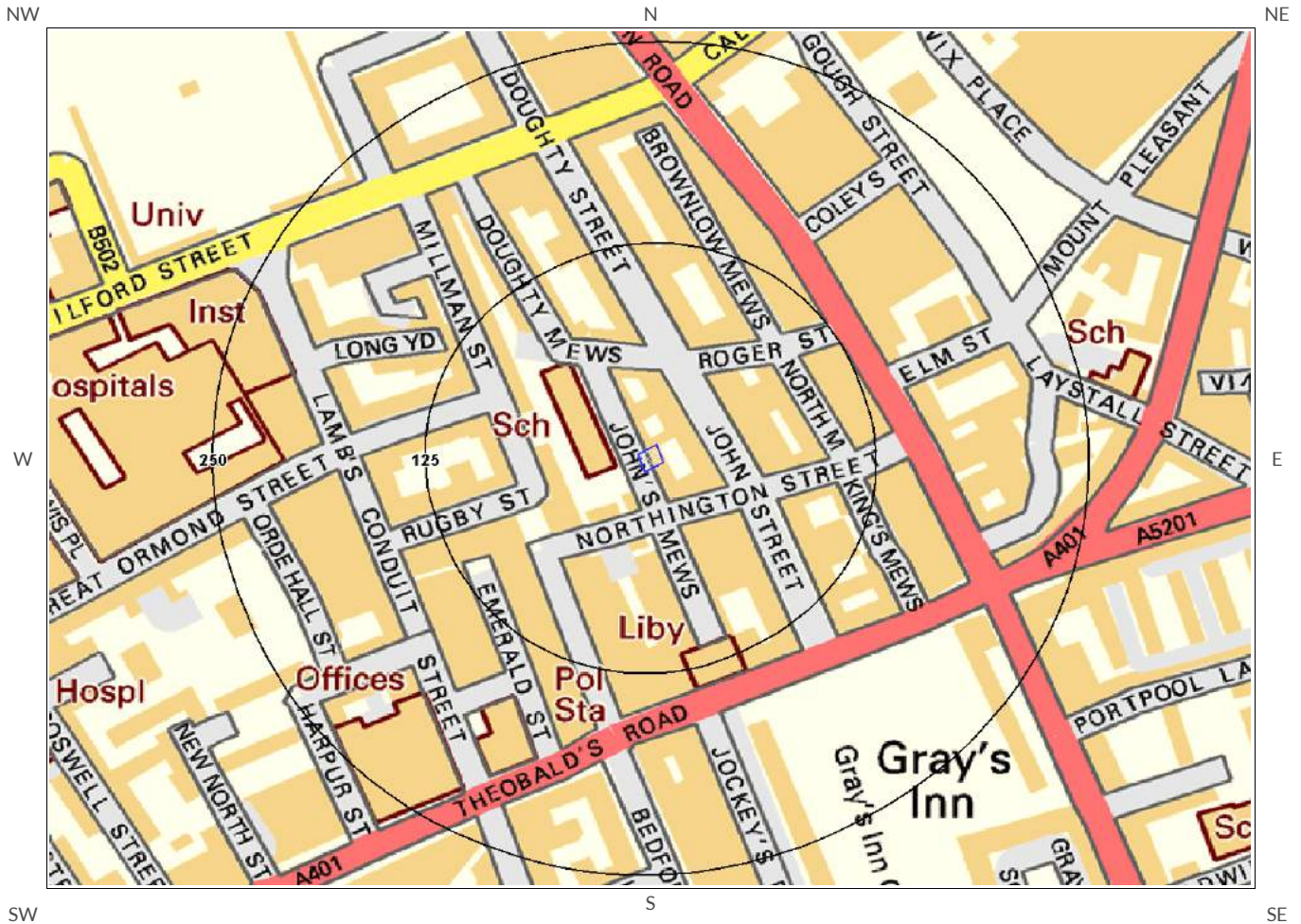
1.4.1 Radon Affected Areas

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

1.4.2 Radon Protection

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




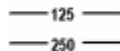
2 Ground Workings Map



Ground Workings Legend



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



2 Ground Workings

2.1 Historical Surface Ground Working Features derived from Historical Mapping

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

Are there any Historical Surface Ground Working Features within 250m of the study site boundary? No

Database searched and no data found.

2.2 Historical Underground Working Features derived from Historical Mapping

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

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

The following Historical Underground Working Features are provided by GroundSure:

ID	Distance (m)	Direction	NGR	Use	Date
Not shown	473.0	NE	531119 182412	Tunnel	1894
Not shown	479.0	NE	531123 182420	Tunnel	1873
Not shown	479.0	NE	531123 182420	Tunnel	1873
Not shown	490.0	NE	531029 182529	Tunnel	1971
Not shown	490.0	NE	531029 182529	Tunnel	1966
Not shown	490.0	NE	531029 182529	Tunnel	1976
Not shown	490.0	NE	531029 182529	Tunnel	1994
Not shown	492.0	NE	531023 182530	Tunnel	1894
Not shown	607.0	N	530815 182705	Tunnel	1894
Not shown	612.0	N	530821 182712	Tunnel	1873
Not shown	612.0	N	530821 182712	Tunnel	1873
Not shown	704.0	N	530695 182835	Tunnel	1873
Not shown	704.0	N	530695 182835	Tunnel	1873
Not shown	880.0	SE	531621 181684	Tunnel	1895

ID	Distance (m)	Direction	NGR	Use	Date
Not shown	944.0	SE	531660 181614	Tunnels	1895
Not shown	945.0	SE	531644 181601	Tunnel	1895
Not shown	957.0	SE	531661 181618	Tunnel	1895
Not shown	961.0	NW	529982 183101	Tunnel	1894
Not shown	982.0	E	531848 181816	Tunnel	1895
Not shown	983.0	E	531848 181814	Tunnel	1895
Not shown	986.0	SE	531662 181541	Tunnel	1895
Not shown	994.0	SE	531661 181531	Tunnel	1895
Not shown	999.0	N	530325 183147	Tunnel	1894

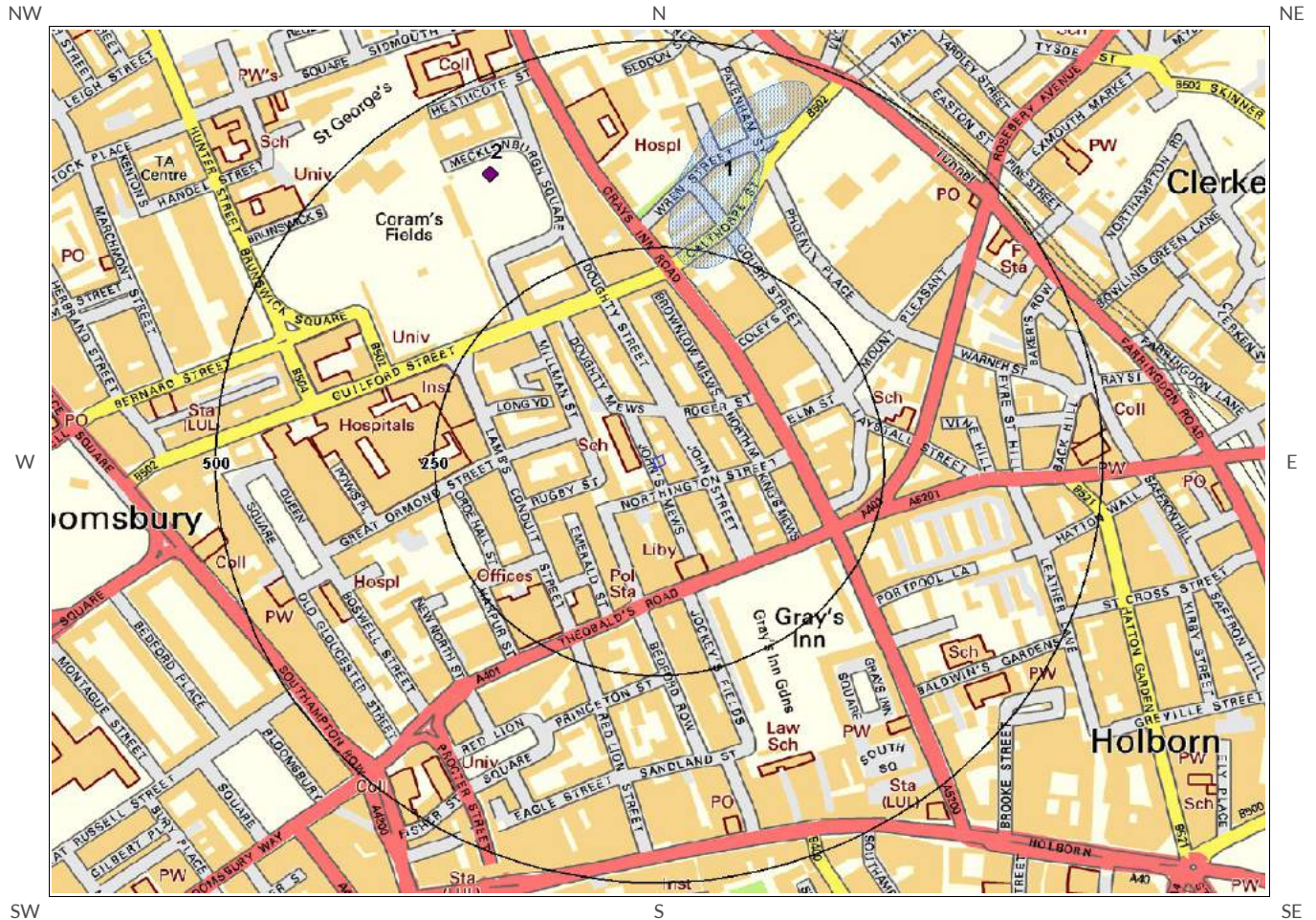
2.3 Current Ground Workings

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

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

Database searched and no data found.

3 Mining, Extraction & Natural Cavities Map



Mining, Extraction and Natural Cavities Legend



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3 Mining, Extraction & Natural Cavities

3.1 Historical Mining

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

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

Database searched and no data found.

3.2 Coal Mining

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

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

Database searched and no data found.

3.3 Johnson Poole and Bloomer

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

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

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

3.4 Non-Coal Mining

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

Are there any Non-Coal Mining areas within 1000m of the study site boundary? Yes

The following non-coal mining information is provided by the BGS:

ID	Distance (m)	Direction	Name	Commodity	Assessment of likelihood
1	230.0	N	Not available	Chalk	Highly Unlikely - Localised small scale mining may have occurred but restricted in extent.

3.5 Non-Coal Mining Cavities

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

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

Database searched and no data found.

3.6 Natural Cavities

This dataset provides information based on Peter Brett Associates natural cavities database.

Are there any Natural Cavities within 1000m of the study site boundary? Yes

The following Natural Cavities information provided by Peter Brett Associates:

ID	Distance (m)	Direction	NGR	Superficial Deposits	Bedrock Deposits	Cavity Type and Number
2	389.0	NW	530600 182400	Alluvium	London Clay Formation	Unknown x 1

3.7 Brine Extraction

This dataset provides information from the Brine Compensation Board which has been discontinued and is now covered by the Coal Authority.

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

Database searched and no data found.

3.8 Gypsum Extraction

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

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

Database searched and no data found.

3.9 Tin Mining

This dataset provides information on tin mining areas and is derived from tin mining records. This search is based upon postcode information to a sector level.

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

Database searched and no data found.

3.10 Clay Mining

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

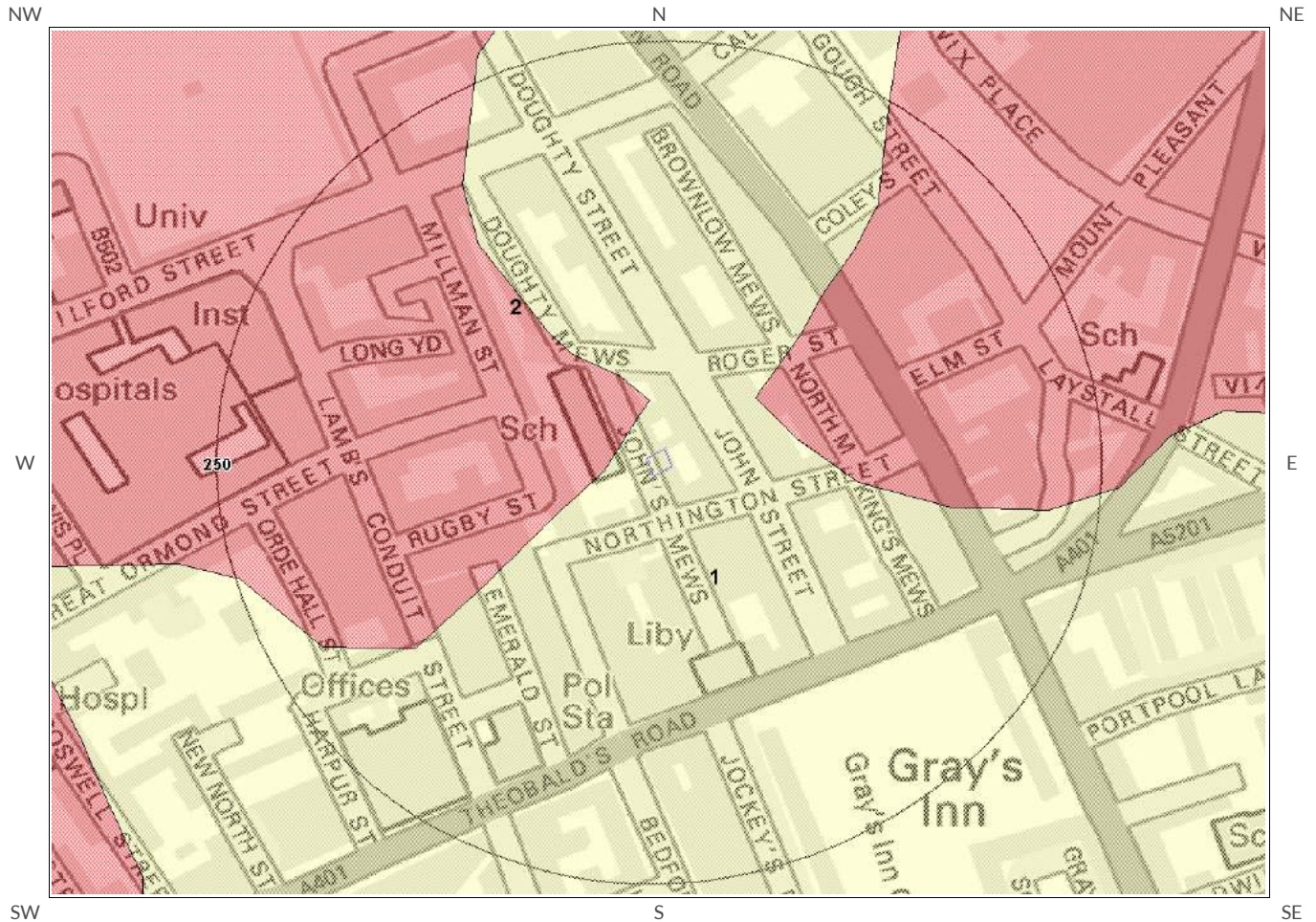
Are there any Clay Mining areas within 1000m of the study site boundary?

No

Database searched and no data found.

4 Natural Ground Subsidence

4.1 Shrink-Swell Clay Map



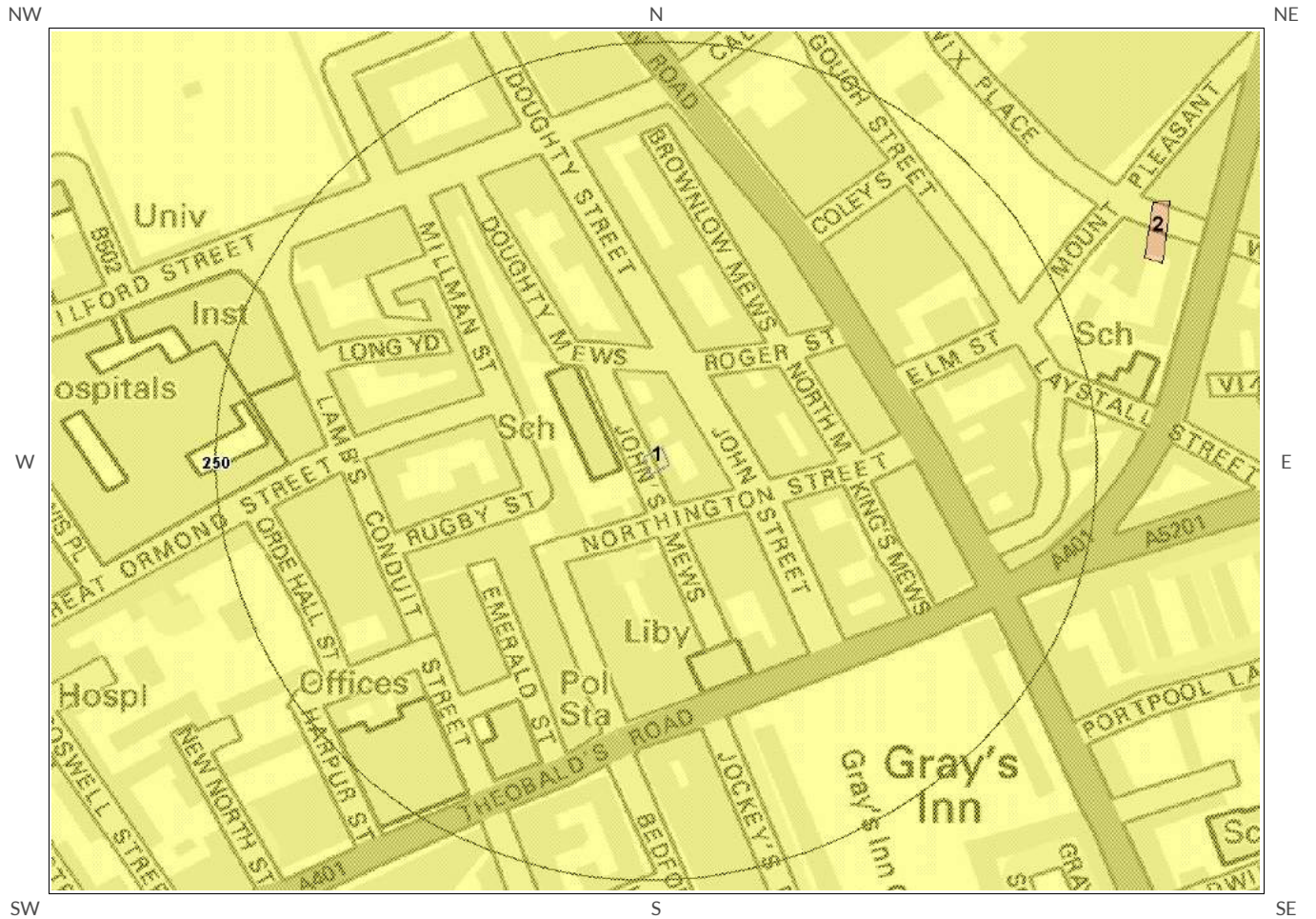
Shrink Swell Clay Legend



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4.2 Landslides Map



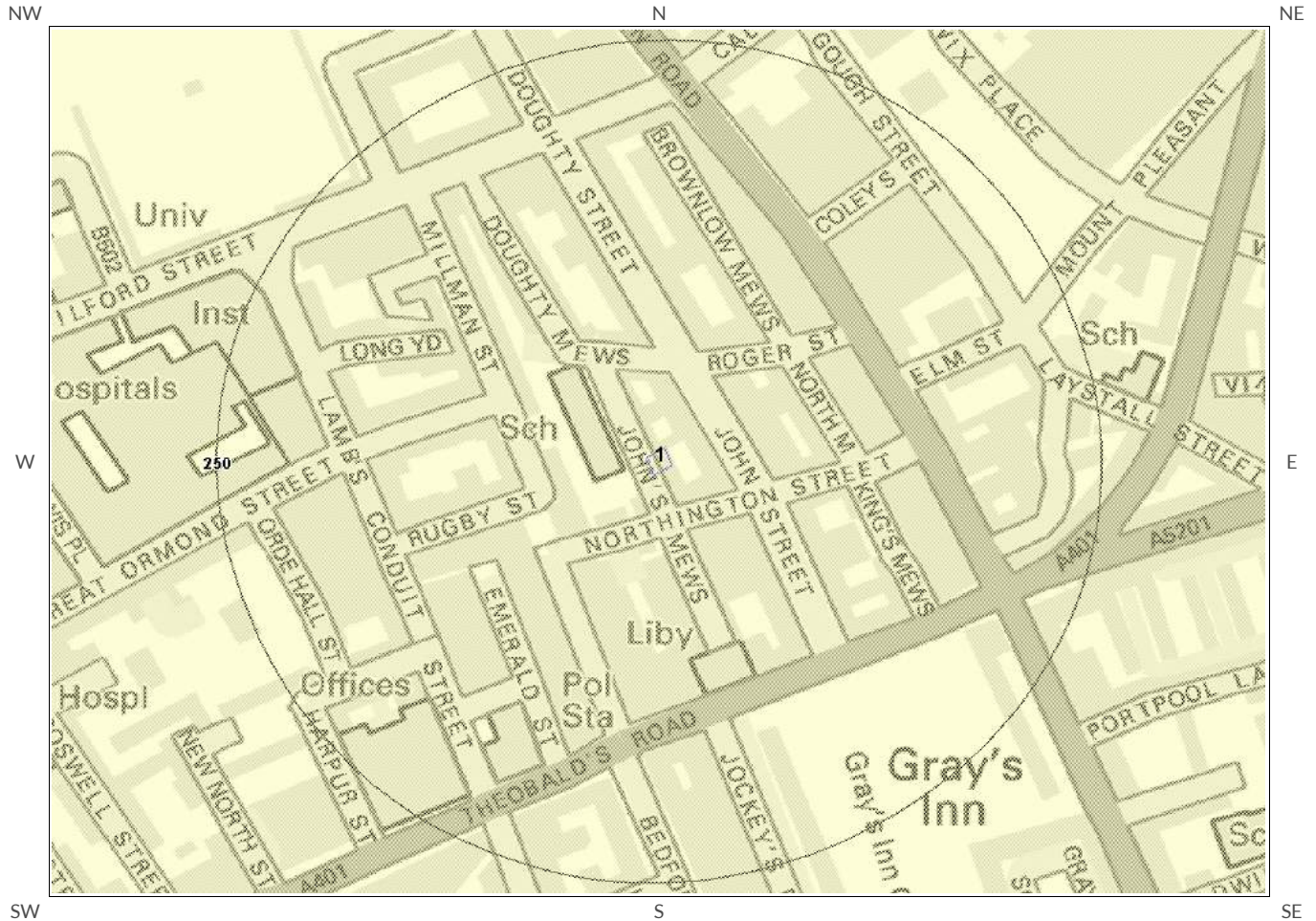
Landslides Legend



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4.3 Ground Dissolution Soluble Rocks Map



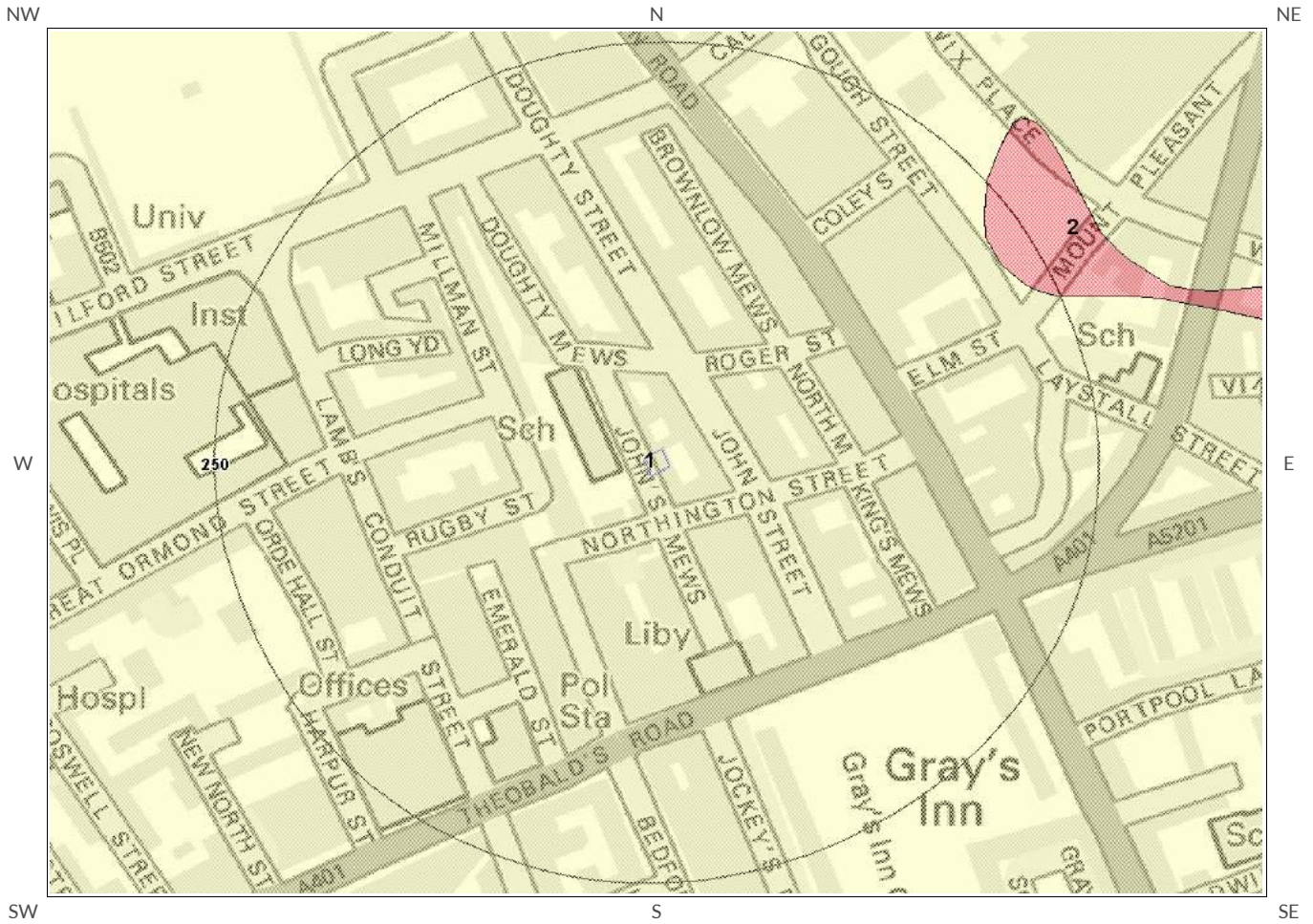
Ground Dissolution Soluble Rocks Legend



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4.4 Compressible Deposits Map



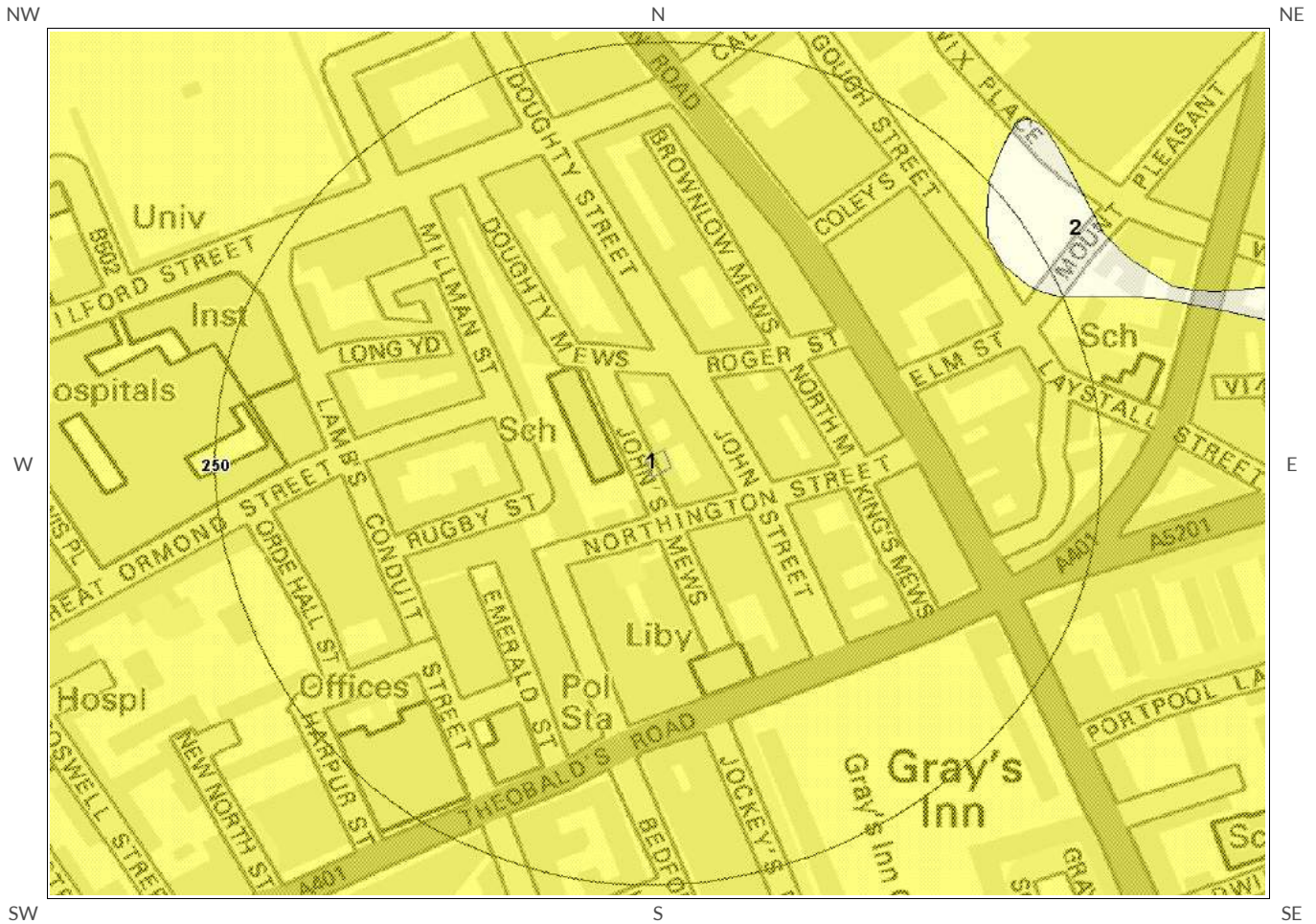
Compressible Deposits Legend



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4.5 Collapsible Deposits Map



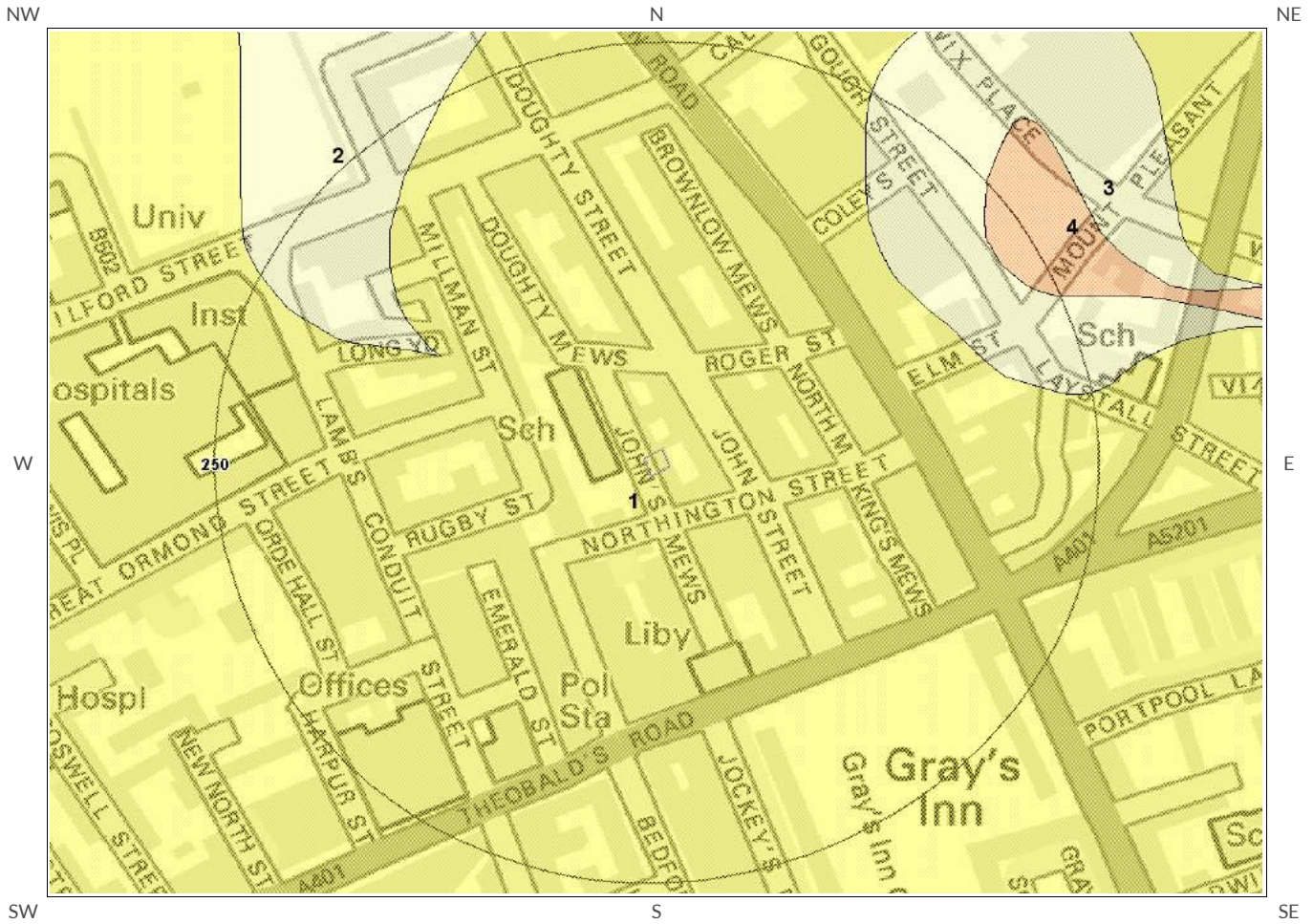
Collapsible Deposits Legend



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4.6 Running Sand Map



Running Sand Legend



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4 Natural Ground Subsidence

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

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

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

4.1 Shrink-Swell Clays

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

ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Negligible	Ground conditions predominantly non-plastic. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely likely due to potential problems with shrink-swell clays.
2	17.0	NW	Moderate	Ground conditions predominantly high plasticity. Do not plant or remove trees or shrubs near to buildings without expert advice about their effect and management. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a probable increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a probable increase in insurance risk during droughts or where vegetation with high moisture demands is present.

4.2 Landslides

The following Landslides information provided by the British Geological Survey:

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

4.3 Ground Dissolution of Soluble Rocks

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

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

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

4.4 Compressible Deposits

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

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

4.5 Collapsible Deposits

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

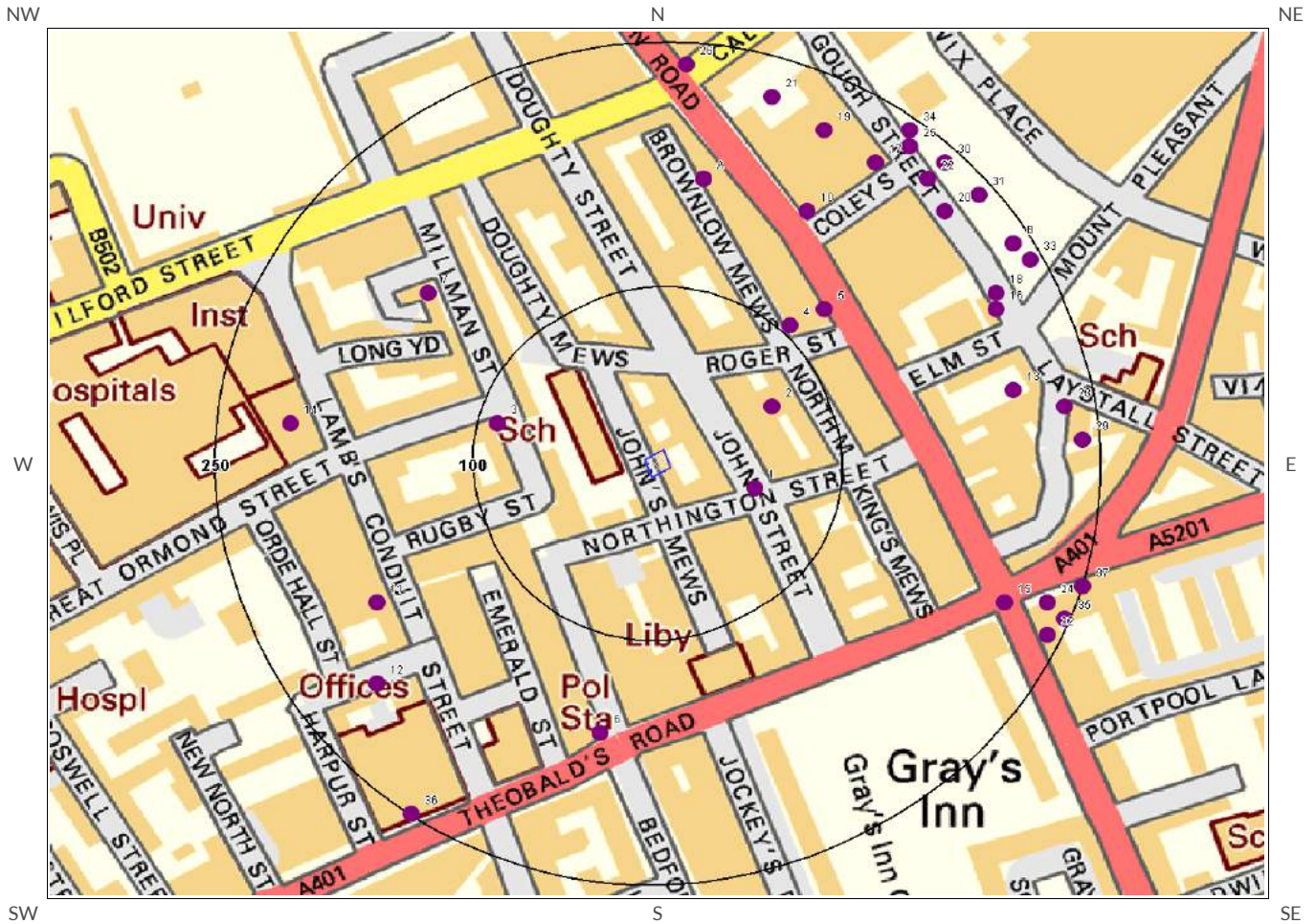
ID	Distance (m)	Direction	Hazard Rating	Details
1	0.0	On Site	Very Low	Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible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

4.6 Running Sands

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

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



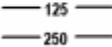
5 Borehole Records Map



Borehole Records Legend



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-  Site Outline
-  Borehole Locations
-  Search Buffers (m)



5 Borehole Records

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

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

37

ID	Distance (m)	Direction	NGR	BGS Reference	Drilled Length	Borehole Name
1	51.0	E	530850 182040	TQ38SW143	6.4	JOHN STREET HOLBORN
2	68.0	E	530860 182090	TQ38SW2979	21.79	12 ROGER STREET WC1
3	89.0	W	530700 182080	TQ38SW266	22.25	P.O. TUNNEL MILLMAN ST HOLBORN S22
4	105.0	NE	530870 182140	TQ38SW2550	30.0	GRAYS INN ROAD WC1 BH1
5	127.0	NE	530890 182150	TQ38SW2551	15.0	GRAYS INN ROAD WC1 BH2
6	160.0	S	530760 181890	TQ38SW157	16.6	BEDFORD ROW/THEOBALDS ROAD
7	162.0	NW	530660 182160	TQ38SW679	8.0	MILLMAN ST HOLBORN
8A	168.0	N	530820 182230	TQ38SW4259	25.0	123-129 GRAYS INN ROAD 2
9A	168.0	N	530820 182230	TQ38SW4258	24.5	123-129 GRAYS INN ROAD 1
10	168.0	NE	530880 182210	TQ38SW820	24.38	GRAYS INN ROAD BH2 HOLBORN
11	178.0	SW	530630 181970	TQ38SW743	32.92	GPO 10 HOLBORN
12	204.0	SW	530630 181920	TQ38SW2020	25.0	8-9 HARSPUR ST 1
13	204.0	E	531000 182100	TQ38SW801	-1.0	LAYSTALL ST HOLBORN BH1-2-3
14	207.0	W	530580 182080	TQ38SW124	32.91	G.P.O. NO.10 HOLBORN
15	211.0	SE	530995 181970	TQ38SW156	14.48	GRAYS INN ROAD/CLERKENWELL ROAD
16	211.0	NE	530990 182150	TQ38SW4883	-1.0	MOUNT PLEASANT REDEVELOPMENT FARRINGDON ROAD LONDON 104
17	215.0	NE	530920 182240	TQ38SW821	19.08	GRAYS INN ROAD BH3 HOLBORN
18	216.0	NE	530990 182160	TQ38SW1097	10.82	GPO MOUNT PLEASANT GARAGE G
19	217.0	NE	530890 182260	TQ38SW819	24.38	GRAYS INN ROAD BH1 HOLBORN
20	219.0	NE	530960 182210	TQ38SW4898	-1.0	MOUNT PLEASANT REDEVELOPMENT FARRINGDON ROAD LONDON TP308
21	225.0	N	530860 182280	TQ38SW822	24.38	GRAYS INN ROAD BH4 HOLBORN
22	226.0	NE	530950 182230	TQ38SW4882	-1.0	MOUNT PLEASANT REDEVELOPMENT FARRINGDON ROAD LONDON 103
23	232.0	E	531030 182090	TQ38SW801/B	6.1	LAYSTALL ST - MT PLEASANT 2
24	234.0	E	531020 181970	TQ38SW3950	18.29	PROPOSED HOLBORN HALL DEVELOPMENT 4
25	235.0	NE	530940 182250	TQ38SW1092	12.34	GPO MOUNT PLEASANT GARAGE B
26	236.0	N	530810 182300	TQ38SW258	25.9	POST OFFICE TUBE ST PANCRAS

ID	Distance (m)	Direction	NGR	BGS Reference	Drilled Length	Borehole Name
27B	239.0	NE	531000 182190	TQ38SW4899	-1.0	MOUNT PLEASANT REDEVELOPMENT FARRINGDON ROAD LONDON TP310
28B	239.0	NE	531000 182190	TQ38SW1095	10.21	GPO MOUNT PLEASANT GARAGE E
29	240.0	E	531040 182070	TQ38SW801/C	8.53	LAYSTALL ST - MT PLEASANT 3
30	240.0	NE	530960 182240	TQ38SW4896	-1.0	MOUNT PLEASANT REDEVELOPMENT FARRINGDON ROAD LONDON TP306
31	240.0	NE	530980 182220	TQ38SW1098	11.58	GPO MOUNT PLEASANT GARAGE H
32	242.0	SE	531020 181950	TQ38SW3949	12.19	PROPOSED HOLBORN HALL DEVELOPMENT 3
33	243.0	NE	531010 182180	TQ38SW4900	-1.0	MOUNT PLEASANT REDEVELOPMENT FARRINGDON ROAD LONDON TP311
34	243.0	NE	530940 182260	TQ38SW4894	-1.0	MOUNT PLEASANT REDEVELOPMENT FARRINGDON ROAD LONDON TP304
35	247.0	E	531030 181960	TQ38SW3948	18.29	PROPOSED HOLBORN HALL DEVELOPMENT 2
36	250.0	SW	530650 181840	TQ38SW2021	10.6	8-9 HARSBUR ST 2
37	250.0	E	531040 181980	TQ38SW3947	12.19	PROPOSED HOLBORN HALL DEVELOPMENT 1

Additional online information is available for the following boreholes listed above:

#1: scans.bgs.ac.uk/sobi_scans/boreholes/1063436
 #2: scans.bgs.ac.uk/sobi_scans/boreholes/1067153
 #3: scans.bgs.ac.uk/sobi_scans/boreholes/1063612
 #4: scans.bgs.ac.uk/sobi_scans/boreholes/1066724
 #5: scans.bgs.ac.uk/sobi_scans/boreholes/1066725
 #6: scans.bgs.ac.uk/sobi_scans/boreholes/1063464
 #7: scans.bgs.ac.uk/sobi_scans/boreholes/1064193
 #8A: scans.bgs.ac.uk/sobi_scans/boreholes/15623135
 #9A: scans.bgs.ac.uk/sobi_scans/boreholes/15623134
 #10: scans.bgs.ac.uk/sobi_scans/boreholes/1064488
 #11: scans.bgs.ac.uk/sobi_scans/boreholes/1064283
 #12: scans.bgs.ac.uk/sobi_scans/boreholes/1066091
 #13: scans.bgs.ac.uk/sobi_scans/boreholes/1064462
 #14: scans.bgs.ac.uk/sobi_scans/boreholes/1063413
 #15: scans.bgs.ac.uk/sobi_scans/boreholes/1063463
 #17: scans.bgs.ac.uk/sobi_scans/boreholes/1064489
 #18: scans.bgs.ac.uk/sobi_scans/boreholes/1064843
 #19: scans.bgs.ac.uk/sobi_scans/boreholes/1064487
 #21: scans.bgs.ac.uk/sobi_scans/boreholes/1064490
 #23: scans.bgs.ac.uk/sobi_scans/boreholes/1064460
 #24: scans.bgs.ac.uk/sobi_scans/boreholes/15032036
 #25: scans.bgs.ac.uk/sobi_scans/boreholes/1064838
 #26: scans.bgs.ac.uk/sobi_scans/boreholes/1063601
 #28B: scans.bgs.ac.uk/sobi_scans/boreholes/1064841
 #29: scans.bgs.ac.uk/sobi_scans/boreholes/1064461

#31: scans.bgs.ac.uk/sobi_scans/boreholes/1064844
#32: scans.bgs.ac.uk/sobi_scans/boreholes/15032031
#35: scans.bgs.ac.uk/sobi_scans/boreholes/15032026
#36: scans.bgs.ac.uk/sobi_scans/boreholes/1066092
#37: scans.bgs.ac.uk/sobi_scans/boreholes/15032023



6 Estimated Background Soil Chemistry

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

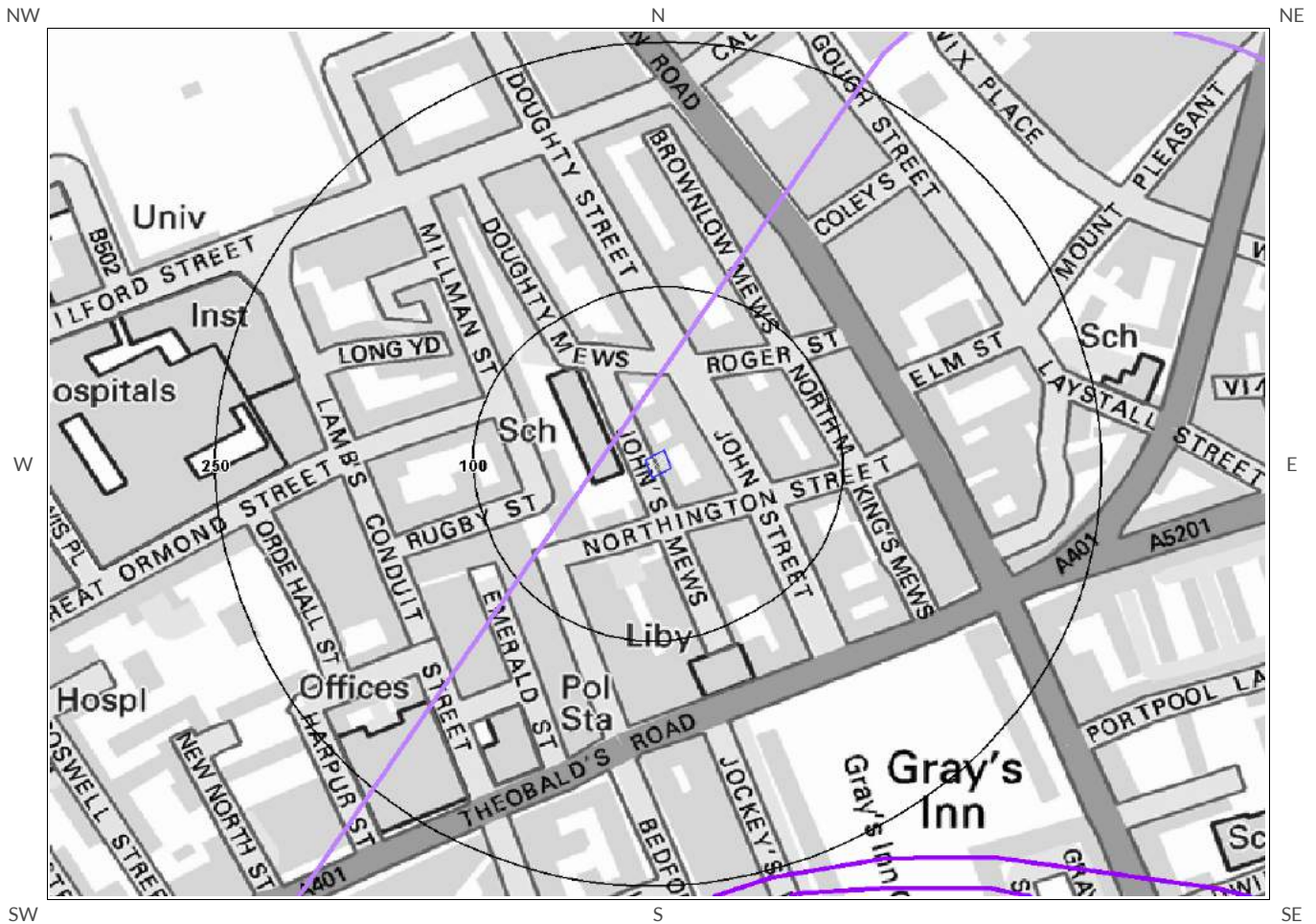
12

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

Distance (m)	Direction	Sample Type	Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Nickel (Ni)	Lead (Pb)
0.0	On Site	London	No data	No data	No data	No data	No data
6.0	NE	London	No data	No data	No data	No data	No data
47.0	S	London	No data	No data	No data	No data	No data
134.0	NW	London	No data	No data	No data	No data	No data
172.0	NE	London	No data	No data	No data	No data	No data
199.0	E	London	No data	No data	No data	No data	No data
199.0	E	London	No data	No data	No data	No data	No data
206.0	E	London	No data	No data	No data	No data	No data
206.0	E	London	No data	No data	No data	No data	No data
227.0	NE	London	No data	No data	No data	No data	No data
230.0	N	London	No data	No data	No data	No data	No data
230.0	NE	London	No data	No data	No data	No data	No data

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











7 Railways and Tunnels Map



Railways and Tunnels Legend



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



7 Railways and Tunnels

7.1 Tunnels

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

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

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

Database searched and no data found.

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

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

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

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

Database searched and no data found.

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

7.2 Historical Railway and Tunnel Features

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

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

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

Database searched and no data found.

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

7.3 Historical Railways

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

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

Have any historical railway lines been identified within 250m of the study site boundary? Yes

Distance (m)	Direction	Status
22	NW	Disused

Note: multiple sections of the same track may be listed in the detail above

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

7.4 Active Railways

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

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

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

Database searched and no data found.

Note: multiple sections of the same track may be listed in the detail above

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

7.5 Railway Projects

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

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

Is the study site within 500m of the route of the Crossrail rail project? Yes

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

Contact Details



GroundSure Helpline
Telephone: 08444 159 000
info@groundsure.com



British Geological Survey Enquiries

Kingsley Dunham Centre
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Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email: enquiries@bgs.ac.uk
Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries



British Gypsum

British Gypsum Ltd
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Loughborough
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LE12 6HX



The Coal Authority

200 Lichfield Lane
Mansfield
Notts NG18 4RG
Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk



Public Health England

Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
<https://www.gov.uk/government/organisations/public-health-england>
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Report Reference: HMD-1661663

Client Reference: GGC15321

Standard Terms and Conditions

1 Definitions

In these terms and conditions unless the context otherwise requires:

"Beneficiary" means the person or entity for whose benefit the Client has obtained the Services.

"Client" means the party or parties entering into a Contract with GroundSure.

"Commercial" means any building or property which is not Residential.

"Confidential Information" means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

(i) information which the Client can prove was rightfully in its possession prior to disclosure by GroundSure and

(ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

"Support Services" means Support Services provided by GroundSure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

"Contract" means the contract between GroundSure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

"Third Party Data Provider" means any third party providing Third Party Content to GroundSure.

"Data Reports" means reports comprising factual data with no accompanying interpretation.

"Fees" has the meaning set out in clause 5.1.

"GroundSure" means GroundSure Limited, a company registered in England and Wales under number 03421028.

"GroundSure Materials" means all materials prepared by GroundSure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

"Intellectual Property" means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

"Mapping" means a map, map data or a combination of historical maps of various ages, time periods and scales.

"Order" means an electronic, written or other order form submitted by the Client requesting Services from GroundSure in respect of a specified Site.

"Ordnance Survey" means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

"Order Website" means the online platform through which Orders may be placed by the Client and accepted by GroundSure.

"Report" means a Risk Screening Report or Data Report for Commercial or Residential property.

"Residential" means any building or property used as or intended to be used as a single dwelling.

"Risk Screening Report" means a risk screening report comprising factual data with an accompanying interpretation by GroundSure.

"Services" means any Report, Mapping and/or Support Services which GroundSure has agreed to provide by accepting an Order pursuant to clause 2.6.

"Site" means the area of land in respect of which the Client has requested GroundSure to provide the Services.

"Third Party Content" means data, database information or other information which is provided to GroundSure by a Third Party Data Provider.

"User Guide" means the user guide, as amended from time to time, available upon request from GroundSure and on the website (www.GroundSure.com) and forming part of this Contract.

2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 GroundSure agrees to provide the Services in accordance with the Contract.

2.2 GroundSure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of GroundSure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client's order form, printed stationery or other communication, or any terms or conditions implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, GroundSure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and GroundSure will have no liability therefor. In addition you acknowledge and agree that GroundSure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 GroundSure's quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by GroundSure. GroundSure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by GroundSure. GroundSure's acceptance of an Order

shall be binding only when made in writing and signed by GroundSure's authorised representative or when accepted through the Order Website.

3 The Client's obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to GroundSure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary's needs.

3.3 The Client shall supply to GroundSure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as GroundSure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client's approval or decision is required to enable GroundSure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the GroundSure Materials, or use the GroundSure Materials in a manner for which they were not intended. The Client may make the GroundSure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that GroundSure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

4 Reliance

4.1 The Client acknowledges that the Services provided by GroundSure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by GroundSure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

(i) the Beneficiary,

(ii) the Beneficiary's professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),

(iv) the first purchaser or first tenant of the Site, and

(v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by GroundSure. Any party considering such Reports and Services does so at their own risk.

5 Fees and Disbursements

5.1 GroundSure shall charge and the Client shall pay fees at the rate and frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by GroundSure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together "Fees").

5.2 The Client shall pay all outstanding Fees to GroundSure in full without deduction, counterclaim or set off within 30 days of the date of GroundSure's invoice or such other period as may be agreed in writing between GroundSure and the Client ("Payment Date"). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of GroundSure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

6 Intellectual Property and Confidentiality

6.1 Subject to

(i) full payment of all relevant Fees and

(ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the GroundSure Materials.

6.2 All Intellectual Property in the GroundSure Materials are and shall remain owned by GroundSure or GroundSure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the GroundSure Materials shall:

(i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to GroundSure or any third party from the Services;

(ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;

(iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);

(iv) not combine the Services with or incorporate such Services into any other information data or service;

(v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);

(vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and

(vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey,

6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the GroundSure Materials in order to advise the Beneficiary in a professional capacity. However, GroundSure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify GroundSure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

7. Liability: Particular Attention Should Be Paid To This Clause

7.1 This Clause 7 sets out the entire liability of GroundSure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

(i) any breach of contract, including any deliberate breach of the Contract by GroundSure or its employees, agents or subcontractors;

(ii) any use made of the Reports, Services, Materials or any part of them; and

(iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 GroundSure shall not be liable for

(i) loss of profits;

(ii) loss of business;

(iii) depletion of goodwill and/or similar losses;

(iv) loss of anticipated savings;

(v) loss of goods;

(vi) loss of contract;

(vii) loss of use;

(viii) loss or corruption of data or information;

(ix) business interruption;

(x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;

(xi) loss or damage that arise as a result of the use of all or part of the GroundSure Materials in breach of the Contract;

(xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the GroundSure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;

(xiii) loss or damage to a computer, software, modem, telephone or other property; and

(xiv) loss or damage caused by a delay or loss of use of GroundSure's internet ordering service.

7.5 GroundSure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 GroundSure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of GroundSure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against GroundSure in relation to the Services or other matters arising pursuant to the Contract.

8 GroundSure's right to suspend or terminate

8.1 If GroundSure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, GroundSure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 GroundSure shall be entitled to terminate the Contract immediately on written notice in the event that:

(i) the Client fails to pay any sum due to GroundSure within 30

days of the Payment Date; or

(ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or

(iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or

(iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

9. Client's Right to Terminate and Suspend

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon GroundSure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are

(a) supplied to the Client's specification(s) and in any event

(b) by their nature cannot be returned.

10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination of the Contract:

(i) GroundSure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in GroundSure's possession or control; and

(ii) the Client shall pay to GroundSure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay GroundSure any additional costs incurred in relation to the termination or suspension of the Contract.

11 Anti-Bribery

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of GroundSure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to GroundSure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

12 General

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through GroundSure.

12.3 GroundSure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of GroundSure.

12.4 No failure on the part of GroundSure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 GroundSure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

(i) the Client or Beneficiary's failure to provide facilities, access or information;

(ii) fire, storm, flood, tempest or epidemic;

(iii) Acts of God or the public enemy;

(iv) riot, civil commotion or war;

(v) strikes, labour disputes or industrial action;

(vi) acts or regulations of any governmental or other agency;

(vii) suspension or delay of services at public registries by Third

Party Data Providers;

(viii) changes in law; or

(ix) any other reason beyond GroundSure's reasonable control.

In the event that GroundSure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then GroundSure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly

given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 GroundSure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at GroundSure who will respond in a timely manner.

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law