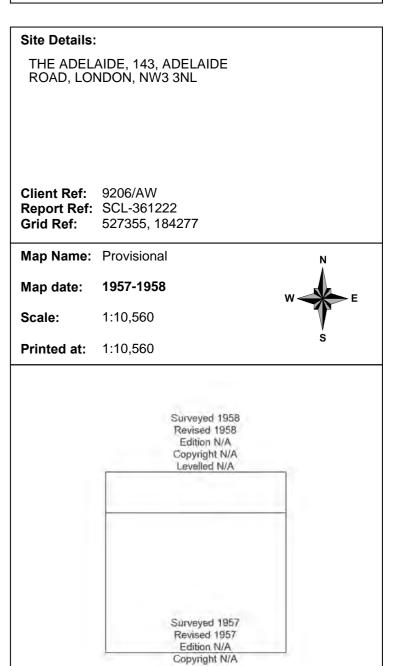


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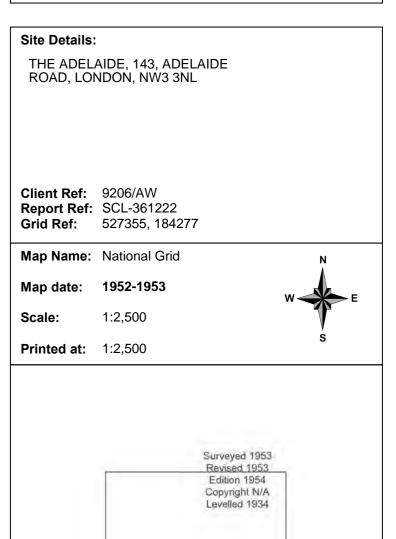
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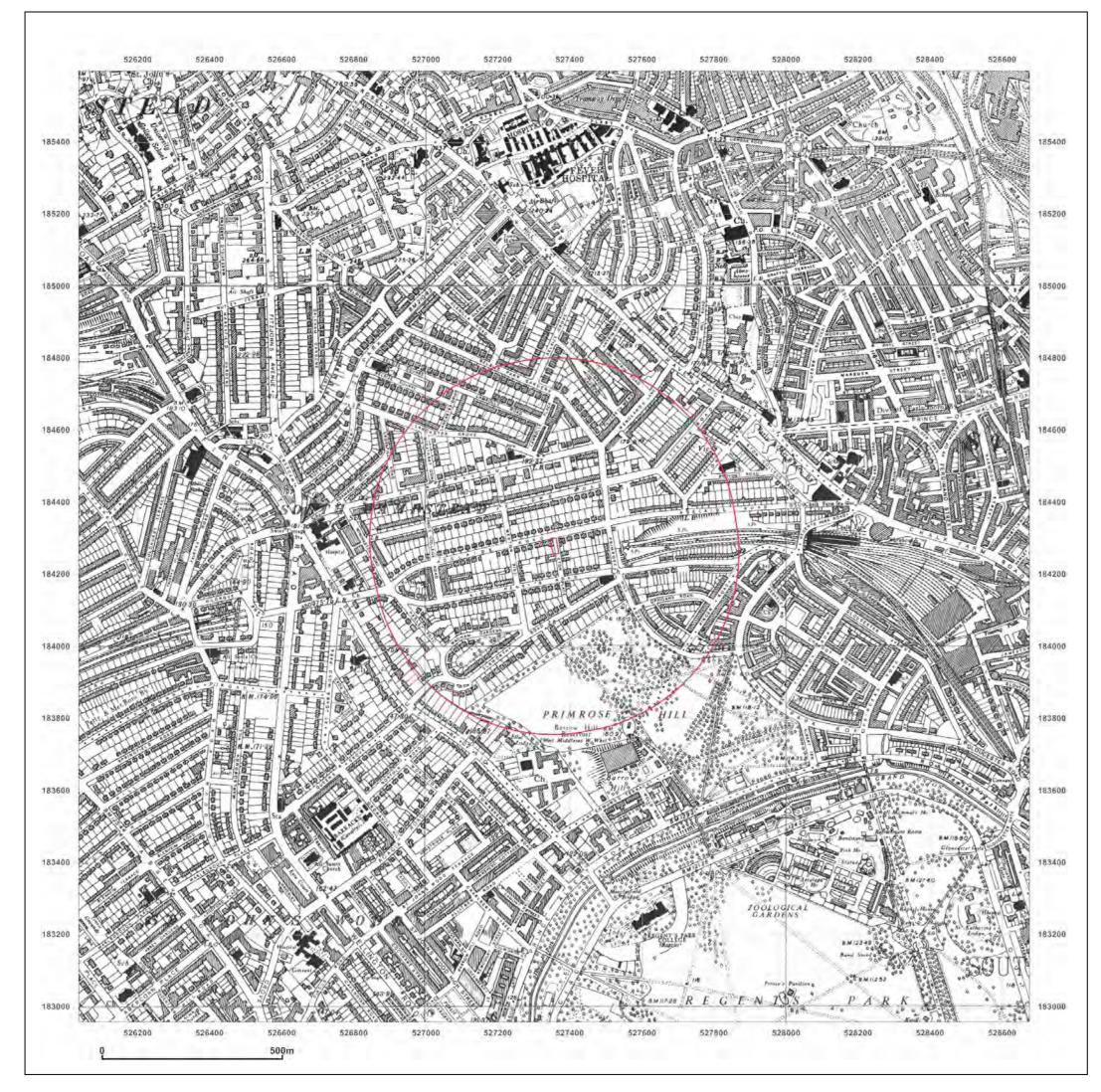


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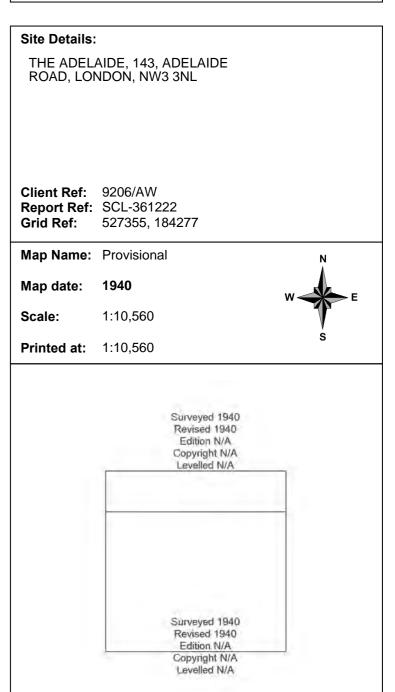
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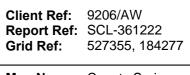
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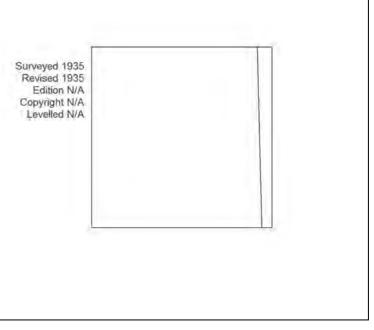
Ground Investigation - Geotechnical Analysis - Contamination Assessment



THE ADELAIDE, 143, ADELAIDE ROAD, LONDON, NW3 3NL



- Map Name: County Series
- 1935 Map date:
- 1:2,500 Scale:
- **Printed at:** 1:2,500





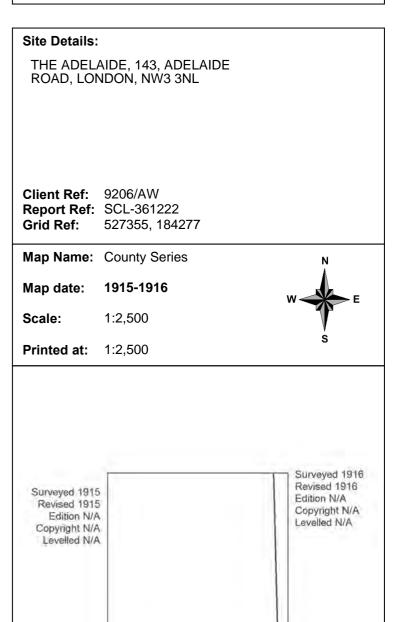
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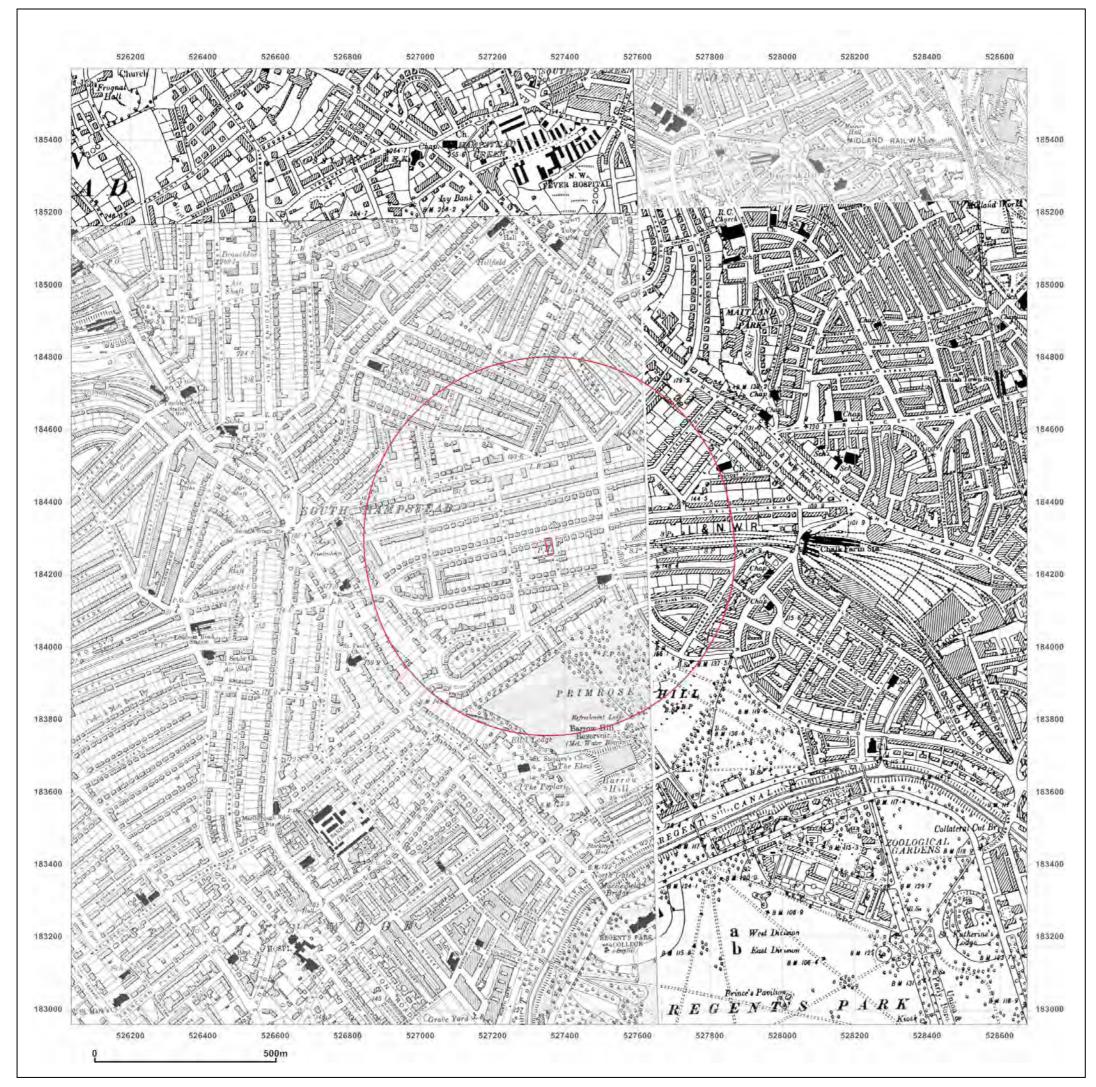




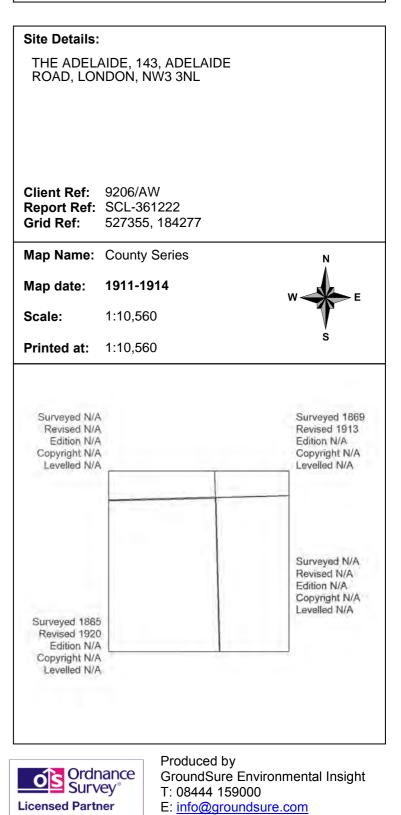
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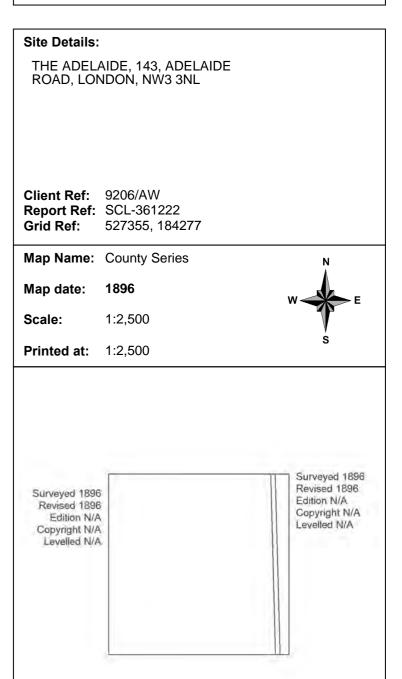
Production date: 06 June 2012



To view map legend click here Legend

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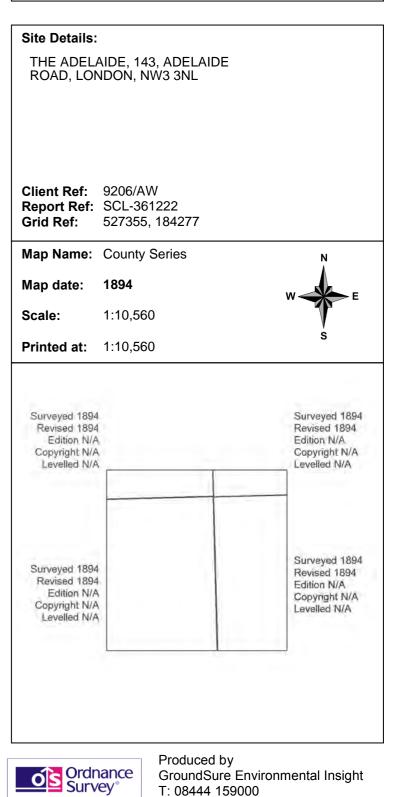
Production date: 06 June 2012



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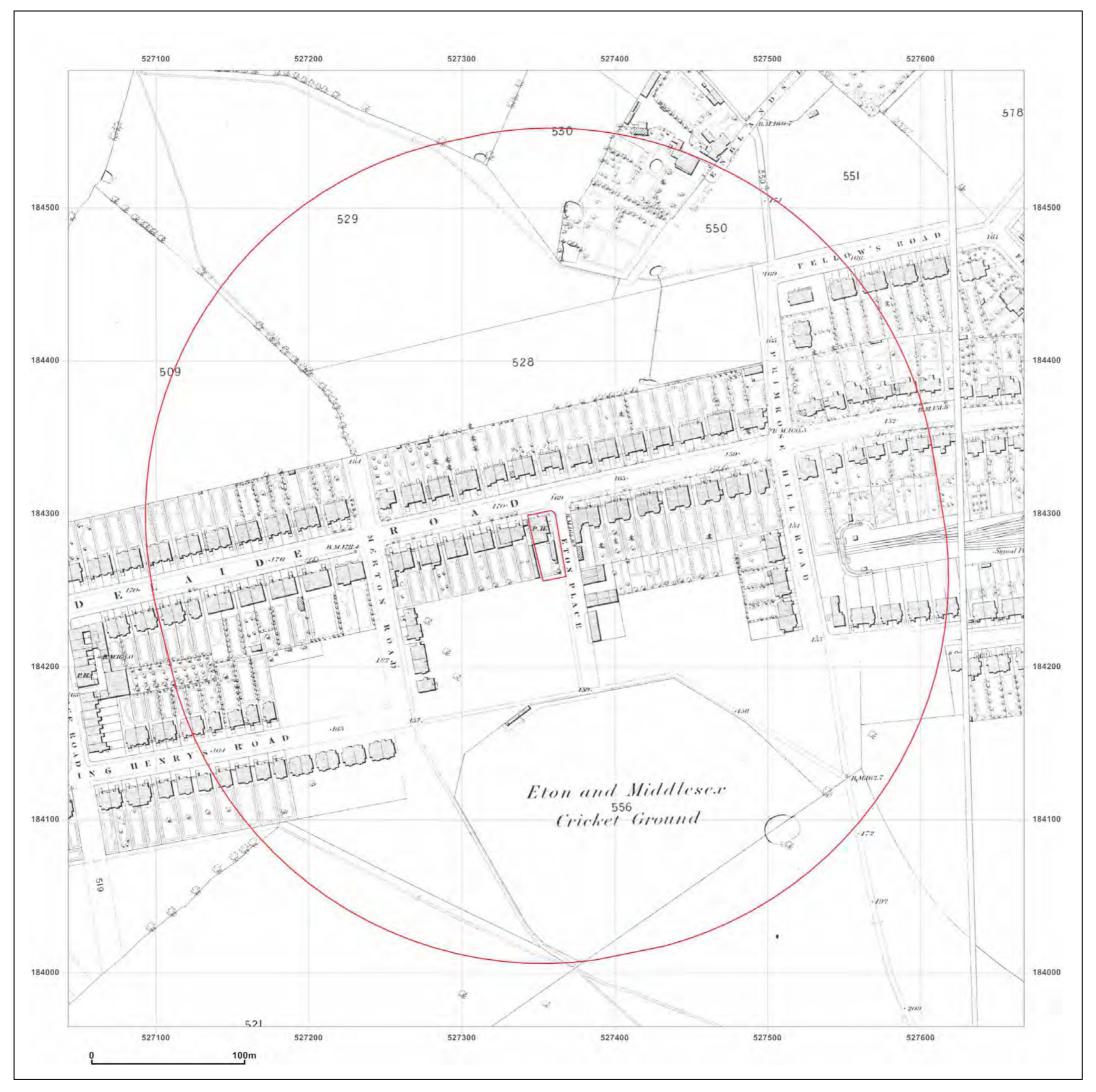


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E: info@groundsure.com

W: www.groundsure.com

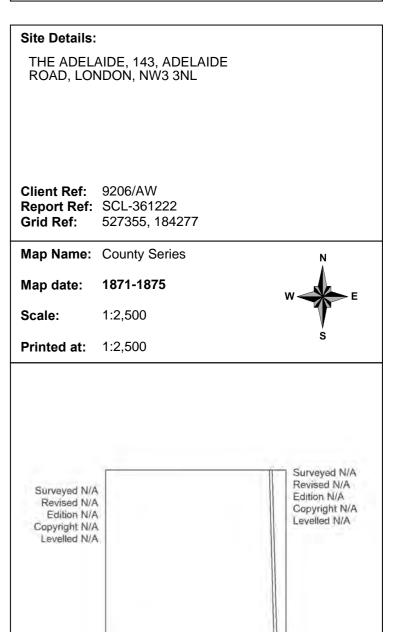
Production date: 06 June 2012



To view map legend click here <u>Legend</u>

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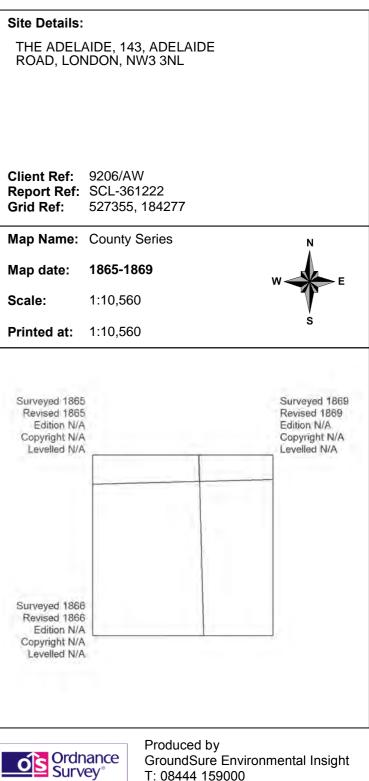
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Ground Investigation - Geotechnical Analysis - Contamination Assessment

Soil Consultants Ltd Chiltern House, Earl Howe Road, Buckinghamshire, HP15 6QT GroundSure
Reference:SCL-361223Your Reference:9206/AWReport Date:Jun 6, 2012Report Delivery
Method:Email - pdfClient Email:alan.w@soilconsultants.co.uk

GroundSure EnviroInsight

Address: THE ADELAIDE, 143, ADELAIDE ROAD, LONDON, NW3 3NL

Dear Sir/Madam,

Thank you for placing your order with Soil Consultants Ltd. Please find enclosed the GroundSure EnviroInsight as requested

If you need further assistance, please do not hesitate to contact our helpline on 01494 712494 quoting the above Soil Consultants Ltd reference number.

Yours faithfully,

Soil Consultants Ltd

Enc. GroundSure EnviroInsight



GroundSure EnviroInsight

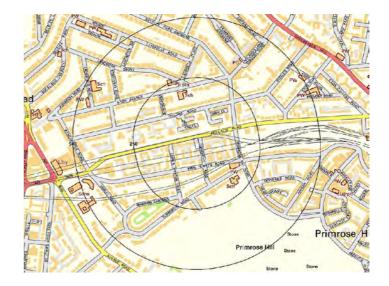
Address: THE ADELAIDE, 143, ADELAIDE ROAD, LONDON, NW3 3NL

Date: Jun 6, 2012

GroundSure Reference: SCL-361223

Your Reference: 9206/AW

Client: Soil Consultants Ltd



Brought to you by Soil Consultants Ltd







Aerial Photograph of Study Site



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NE

SW

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> Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2003. All Rights Reserved.

Site Name: THE ADELAIDE, 143, ADELAIDE ROAD, LONDON, NW3 3NL Grid Reference: 527355,184283 Size of Site: 0.07 ha SE



Overview of Findings

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

Report Section	Number of records found within (X) m of the study sit boundar					
1. Environmental Permits, Incidents and Registers	on-site	0-50	51-250	251- 500	501- 1000	1000- 1500
1.1 Industrial Sites Holding Environmental Permits and/or Authorisations						
Records of historic IPC Authorisations	0	0	0	0	-	-
Records of Part A(1) and IPPC Authorised Activities	0	0	0	0	-	-
Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0	-	-
Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0	-	-
Records of List 1 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of List 2 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of Part A(2) and Part B Activities and Enforcements	0	0	0	2	-	-
Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0	-	-
Records of Licensed Discharge Consents	0	0	0	0	-	-
Records of Planning Hazardous Substance Consents and Enforcements	0	0	0	0		
1.2 Records of COMAH and NIHHS sites	0	0	0	0	-	-
1.3 Environment Agency Recorded Pollution Incidents						
National Incidents Recording System, List 2	0	0	0	-	-	-
National Incidents Recording System, List 1	0	0	0	-	-	-
1.4 Sites Determined as Contaminated Land under Part IIA EPA 1990	0	0	0	0	-	-
2. Landfill and Other Waste Sites	on-site	0-50	51-250	251- 500	501- 1000	1000- 1500
2.1 Landfill Sites						
Environment Agency Registered Landfill Sites	0	0	0	0	0	-
Landfill Data – Operational Landfill Sites	0	0	0	0	0	-
Environment Agency Historic Landfill Sites	0	0	0	0	0	1
Landfill Data – Non-Operational Landfill Sites	0	0	0	0	0	-
BGS/DoE Landfill Site Survey	0	0	0	0	0	0
GroundSure Local Authority Landfill Sites Data	0	0	0	0	0	0
2.2 Landfill and Other Waste Sites Findings						
Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Environment Agency Licensed Waste Sites	0	0	0	0	0	2



3. Current Land Uses	on-site	0-50	51-250	251- 500	501- 1000	1000-1500
3.1 Current Industrial Sites Data	0	0	10	-	-	-
3.2 Records of Petrol and Fuel Sites	0	0	0	0	-	-
3.3 Underground High Pressure Oil and Gas Pipelines	0	0	0	0	-	-

4. Geology	Description
4.1 Are there any records of Artificial Ground and Made Ground present beneath the study site? st	No
4.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site? *	No
4.3 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.	

Source: Scale: 1:50,000 BGS Sheet 256

 \ast This includes an automatically generated 50m buffer zone around the site.

5. Hydrogeology and Hydrology	on-site	0-50	51-250	251- 500	501- 1000	1001- 2000
5.1 Are there any records of Productive Strata in the Superficial Geology within 500m of the study site?				No		
5.2 Are there any records of Productive Strata in the Bedrock Geology within 500m of the study site?			Yes			
5.3 Groundwater Abstraction Licences (within 2000m of the study site).						
5.4 Surface Water Abstraction Licences (within 2000m of the study site).	0	0	0	0	0	3
5.5 Potable Water Abstraction Licences (within 2000m of the study site).	0	0	0	0	2	3
5.6 Are there any Source Protection Zones within 500m of the study			Yes			
5.7 River Quality	on-site	0-50	51-250	251-500	501-1000	1001-1500
Is there any Environment Agency information on river quality within 1500m of the study site?	No	No	No	No	No	No
5.8 Detailed River Network entries within 500m of the site	0	0	1	0	-	-
5.9 Surface water features within 250m of the study site	No	No	No	-	-	-
6. Flooding						
6.1 Are there any Environment Agency indicative Zone 2 floodplains within 250m of the study site?					No	
6.2 Are there any Environment Agency indicative Zone 3 floodplains study site?			No			
6.3 Are there any Flood Defences within 250m of the study site?			No			
6.4 Are there any areas benefiting from Flood Defences within 250n	No					
6.5 Are there any areas used for Flood Storage within 250m of the	No					
6.6 What is the maximum BGS Groundwater Flooding susceptibility study site?		N	egligible			
6.7 What is the BGS confidence rating for the Groundwater Flooding	susceptibilit	ty areas?		Not	Applicable	

7. Designated Environmentally Sensitive Sites	on-site	0-50	51-250	251- 500	501- 1000	1001- 1500
7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	-	-
7.2 Records of National Nature Reserves (NNR)	0	0	0	0	-	-



Moderate

7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	-	-
7.3 Records of Local Nature Reserves (LNR)	0	0	0	0	-	-
7.4 Records of Special Areas of Conservation (SAC)	0	0	0	0	-	-
7.5 Records of Special Protection Areas (SPA)	0	0	0	0	-	-
7.6 Records of Ramsar sites	0	0	0	0	-	-
7.7 Records of World Heritage Sites	0	0	0	0	-	-
7.8 Records of Environmentally Sensitive Areas	0	0	0	0	-	-
7.9 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	-	-
7.10 Records of National Parks	0	0	0	0	-	-
7.11 Records of Nitrate Sensitive Areas	0	0	0	0	-	-
7.12 Records of Nitrate Vulnerable Zones	0	0	0	0	-	-

8. Natural Hazards

8.1 What is the maximum risk of natural ground subsidence?

9. Mining	
9.1 Are there any coal mining areas within 75m of the study site?	No
9.2 What is the risk of subsidence relating to shallow mining within 150m of the study site?	Negligible
9.3 Are there any brine affected areas within 75m of the study site?	No



Using this Report

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

1. 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. These searches are conducted using radii of up to 500m.

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

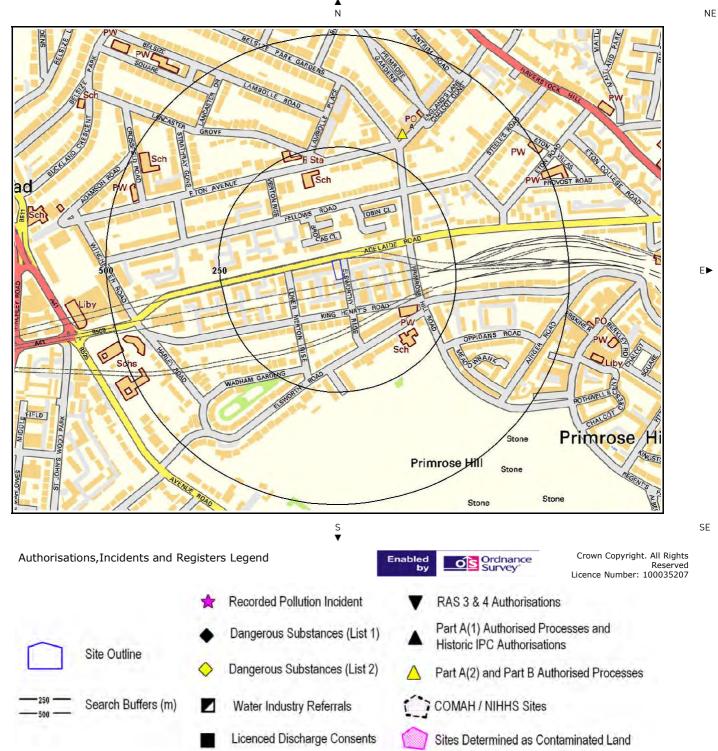
Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes 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



Red List Discharge Consents

Bazardous Substance Consents and Enforcements

<w



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:

Records of historic IPC Authorisations within 500m of the study site:	0
Database searched and no data found.	
Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:	0
Database searched and no data found.	
Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500n the study site:	ו of 0
Database searched and no data found.	
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.	
Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:	0
Database searched and no data found.	
Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:	0
Database searched and no data found.	

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

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

ID	Distance	Direction	NGR	Detail	S
1A	310.0	NE	527498, 184579	Address: Chequers Textile Care Ltd , 48 Englands Lane, NW3 4UE	Enforcement: No Enforcement Notified
				Process: Dry Cleaner	Date of Enforcement: No Enforcement
				Status: Historical Permit	Notified
				Permit Type: Part B	Comment: No Enforcement Notified
2A	310.0	NE	527498,	Address: Chequers Textile Care Ltd, 48	Enforcement: No Enforcement
			184579	Englands Lane, NW3 4UE	Notified
				Process: Dry Cleaner	Date of Enforcement: No Enforcement
				Status: Current Permit	Notified
				Permit Type: Part B	Comment: No Enforcement Notified
				· · · · · · · · · · · ·	

Report Reference: SCL-361223

2





Records of Category 3 or 4 Radioactive Substance Licences within 500m of the study site:	0
Database searched and no data found.	
Records of Licensed Discharge Consents within 500m of the study site:	0
Database searched and no data found.	
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	
Records of National Incidents Recording System, List 2 within 250m of the study site:	0
Database searched and no data found.	

Records of National Incidents Recording System, List 1 within 250m of the study site:

Database searched and no data found.

1.4 Sites Determined as Contaminated Land under Part IIA 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?

Database searched and no data found.

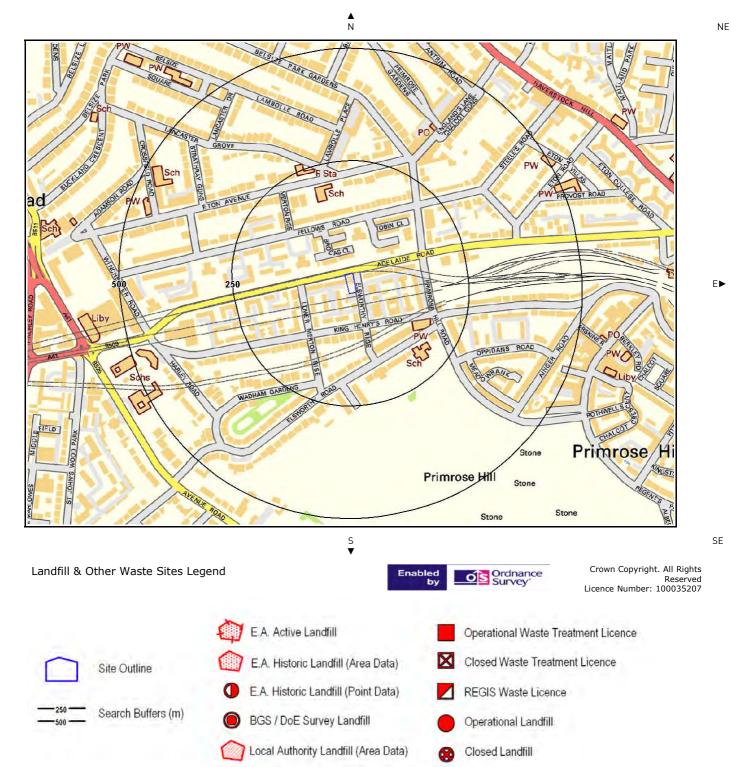
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2. Landfill and Other Waste Sites Map





Local Authority Landfill (Point Data)

∢W



2. Landfill and Other Waste Sites

2.1 Landfill Sites

	from Environment Agency landfill data within 1000m of the study site: e searched and no data found.	0
Becorde	of operational landfill sites sourced from Landmark within 1000m of the study site:	0
	e searched and no data found.	U
Records	of Environment Agency historic landfill sites within 1500m of the study site:	1
The follo	wing landfill records are represented as either points or polygons on the Landfill and Other Waste Sites m	ap:
ID	Distance Direction NGR Details	
Not shown	1361.0 W 526000, Site Address: Canfield Place, London NW6 Licence Issue: 184800 Waste Licence: - Licence Surrendered:	
	Site Reference: DON009 Licence Hold Address: - Waste Type: - Operator: - Regis Reference: -	
	of BGS/DoE non-operational landfill sites within 1500m of the study site:	0
Records	of Local Authority landfill sites within 1500m of the study site:	0
Databas	e searched and no data found.	
2.2 (Other Waste Sites	
Records	of operational waste treatment, transfer or disposal sites within 500m of the study site:	0
Databas	e searched and no data found.	
Records	of non-operational waste treatment, transfer or disposal sites within 500m of the study site:	0
Databas	e searched and no data found.	
Records	of Environment Agency licensed waste sites within 1500m of the study site:	2



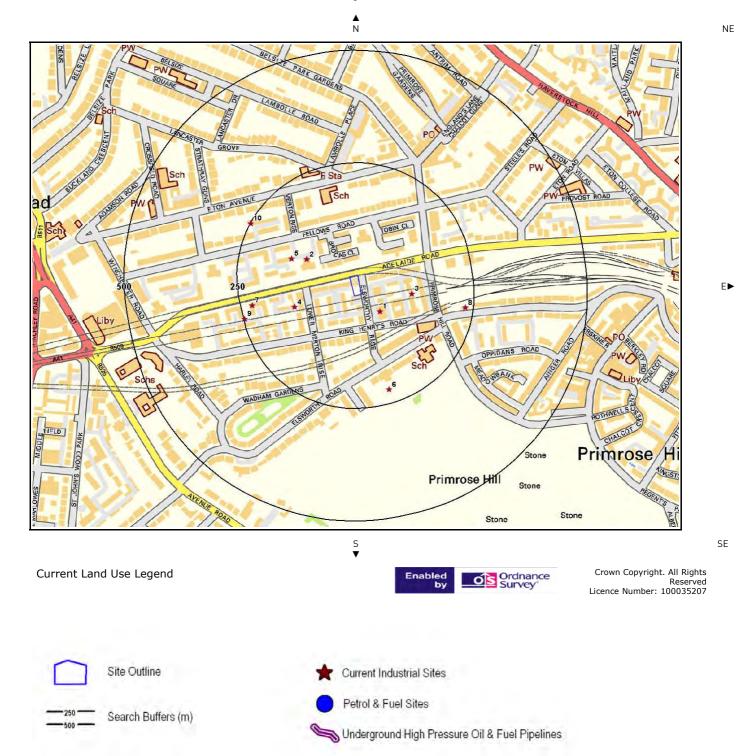
The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance	Direction	NGR	Deta	ails
Not shown	1318.0	E	528667, 184035	Site Address: - Type: Household Waste Amenity Site Size: Unknown Regis Licence Number: CAM003 EPR reference: - Operator: Camden London Borough Council Waste Management licence No: 80482 Annual Tonnage: 0.0	Issue Date: 15/10/1994 Effective Date: - Modified: - Surrendered Date: 25/07/1997 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Jamestown Road Ca Site Correspondence Address: Camden LB Council, Town Hall Extension, Argyle
Not shown	1318.0	E	528667, 184035	Site Address: - Type: Household Waste Amenity Site Size: < 25000 tonnes Regis Licence Number: CAM003 EPR reference: EA/EPR/UP3697NB/S002 Operator: Camden London Borough Council Waste Management licence No: 80482 Annual Tonnage: 20000.0	Street, London, WC1H 8EQ Issue Date: 15/10/1994 Effective Date: - Modified: - Surrendered Date: 25/07/1997 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Jamestown Road CA Site Correspondence Address: -, -



3. Current Land Use Map







10

0

0

3. Current Land Uses

3.1 Current Industrial Data

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

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

ID	Distance	Direction	Company	Address	Activity	Category
1	56.0	SE	Specgulf Ltd	4, Quickswood, London, NW3 3SJ	Special Purpose Machinery and Equipment	Industrial Products
2	103.0	W	Scotts	Flat 15 Bray, Fellows Road, London, NW3 3JX	Furniture	Consumer Products
3	112.0	E	Electricity Sub Station	NW3	Electrical Features	Infrastructure and Facilities
4	134.0	W	Electricity Sub Station	NW3	Electrical Features	Infrastructure and Facilities
5	136.0	W	Rightfields UK Ltd	6, Huson Close, London, NW3 3JW	Stationery, Stamps, Tags and Labels	Industrial Products
6	220.0	S	Electricity Sub Station	NW3	Electrical Features	Infrastructure and Facilities
7	225.0	W	Piano Advisory Service	181, Adelaide Road, London, NW3 3NN	Sports and Leisure Equipment Repair	Repair and Servicing
8	232.0	E	Electricity Sub Station	NW3	Electrical Features	Infrastructure and Facilities
9	248.0	W	Electricity Sub Station	NW3	Electrical Features	Infrastructure and Facilities
10	250.0	NW	Electricity Sub Station	NW3	Electrical Features	Infrastructure and Facilities

3.2 Petrol and Fuel Sites

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

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:

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

Database searched and no data found. The database has been searched on site, including a 50m buffer.

4.3 Bedrock and Solid Geology

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

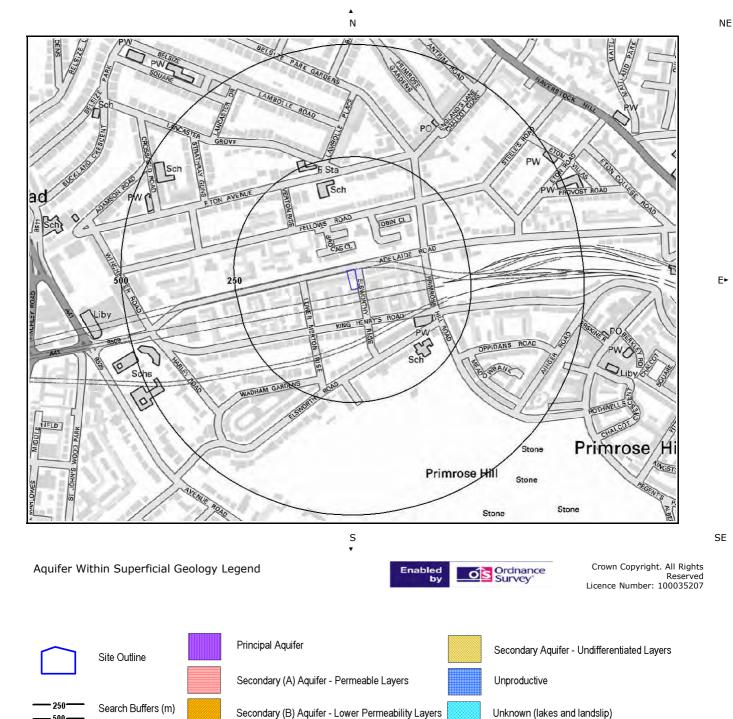
LEX Code	Description	Rock Type			
LC-CLSS	LONDON CLAY FORMATION	CLAY, SILT AND SAND			
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)					

For more detailed geological and ground stability data please refer to the "GroundSure GeoInsight". Available from our website.



5a. Hydrogeology - Aquifer Within Superficial Geology

• W



SW



NE

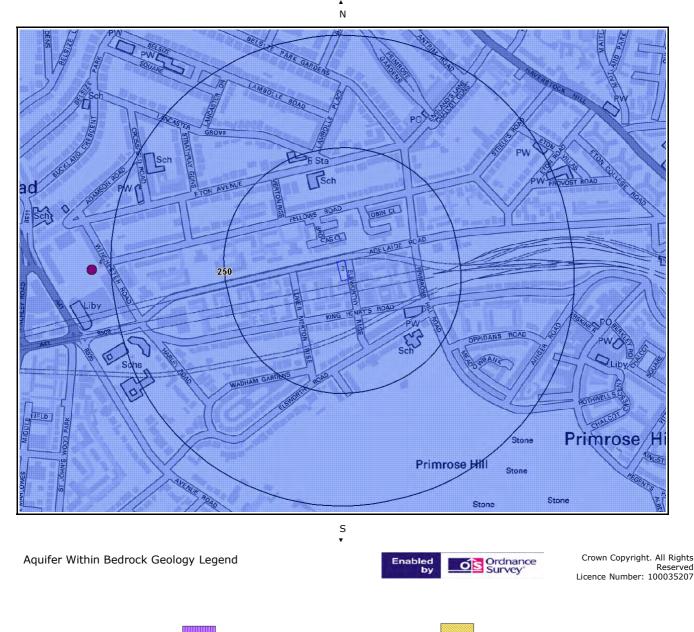
E►

SE

5b. Hydrogeology - Aquifer Within Bedrock Geology and Abstraction Licenses

W

SW

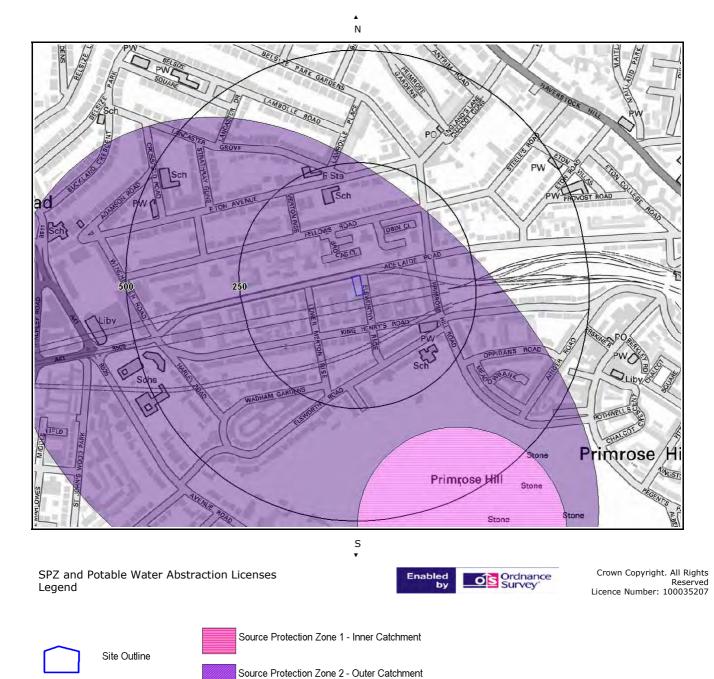




5c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses

W

SW



Source Protection Zone 3 - Total Catchment

Source Protection Zone 4 - Zone of Special Interest

Search Buffers (m)

SE

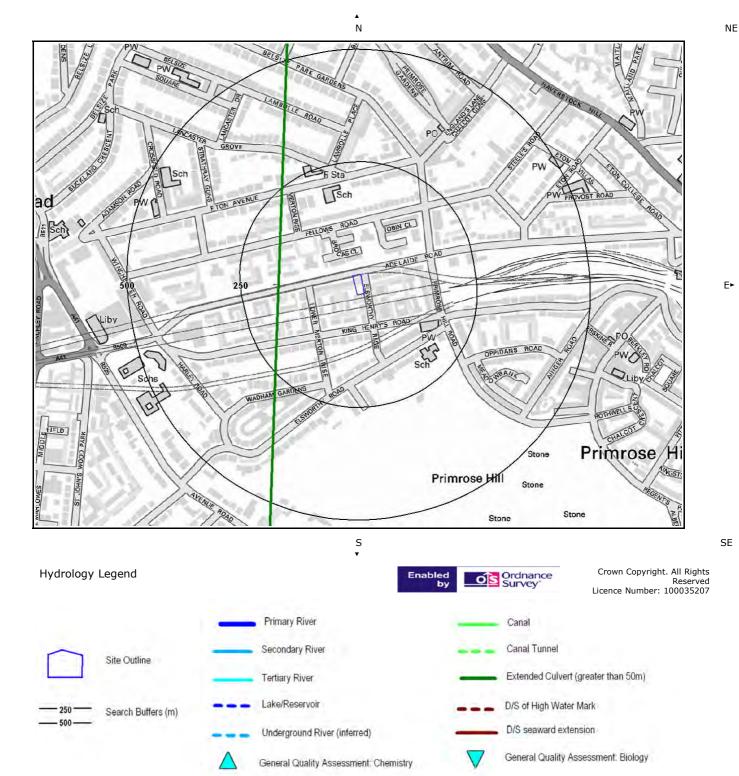
NE

Potable Water Abstraction Licence



5d. Hydrology – Detailed River Network and River Quality

• W





5. Hydrogeology and Hydrology

5.1 Aquifer within Superficial Deposits

Are there records of productive strata within the superficial geology at or in proximity to the property? No

Database searched and no data found.

From 1 April 2010, the Environment Agency'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.

5.2 Aquifer within Bedrock Deposits

Are there records of productive strata 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

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	Direction	NGR	Det	ails
4	543.0	W	526800, 184280	Licence No: 28/39/39/0219 Details: Spray Irrigation - Direct Direct Source: Thames Groundwater Point: Swiss Cottage Open Space- Borehole Data Type: Point	Annual Volume (m ³): 10512 Max Daily Volume (m ³): 28.8 Original Application No: WRA/N/1407 Original Start Date: 12/8/2005 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 1/4/2008 Version End Date:
Not shown	631.0	SE	527640, 183690	Licence No: 28/39/39/0202 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barrow Hill Pumping Station - Borehole Data Type: Point	Annual Volume (m ³): 631000 Max Daily Volume (m ³): 2000 Original Application No: WRA/2/2(24) Original Start Date: 26/9/2002 Expiry Date: 31/3/2007 Issue No: 1 Version Start Date: 26/9/2002 Version End Date:
Not shown	631.0	SE	527640, 183690	Licence No: 28/39/39/0231 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barrow Hill Pumping Station - Borehole Data Type: Point	Annual Volume (m ³): 631000 Max Daily Volume (m ³): 2000 Original Application No: WRA/R/1026 Original Start Date: 1/4/2007 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: 1/4/2007 Version End Date:

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mund Investigation 1	Sentechnical Analysia - Centam	ination Assessment		
Not shown	1066.0	SE	Licence No: 28/39/39/0035 Details: Animal Watering & General Use in non Farming situations Direct Source: Thames Groundwater Point: Borehole At Regent's Park, London Nw1 Data Type: Point	Annual Volume (m ³): 681.9 Max Daily Volume (m ³): 59 Original Application No: - Original Start Date: 4/4/1966 Expiry Date: - Issue No: 100 Version Start Date: 4/4/1966 Version End Date:
Not shown	1494.0	E	Licence No: 28/39/39/0091 Details: Laundry Use Direct Source: Thames Groundwater Point: Two Bores At Kentish Town Sports Centre, Prince Of Wales St Data Type: Point	Annual Volume (m ³): 94506 Max Daily Volume (m ³): 604.6 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 13/6/1966 Version End Date:
Not shown	1494.0	E	Licence No: 28/39/39/0091 Details: Process Water Direct Source: Thames Groundwater Point: Two Bores At Kentish Town Sports Centre, Prince Of Wales St Data Type: Point	Annual Volume (m ³): 94506 Max Daily Volume (m ³): 604.6 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 13/6/1966 Version End Date:
Not shown	1494.0	E	Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Two Bores At Kentish Town Sports Centre, Prince Of Wales St Data Type: Point	Annual Volume (m ³): 94506 Max Daily Volume (m ³): 604.6 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: 13/6/1966 Version End Date:
Not shown	1637.0	S	Licence No: 28/39/39/0115 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Two Boreholes At Abbey Lodge, Park Road, London Nw8 Data Type: Point	Annual Volume (m ³): 28640 Max Daily Volume (m ³): 100 Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/11/1991 Version End Date:
Not shown	1637.0	S	Licence No: 28/39/39/0115 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Abbey Lodge, Park Road, London Nw8-two Boreholes Data Type: Point	Annual Volume (m ³): 28640 Max Daily Volume (m ³): 100 Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 101 Version Start Date: 1/6/2006 Version End Date:

5.4 Surface Water Abstraction Licences

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

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

ID	Distance	Direction	NGR	Detail	ls
Not	1147.0	E	528490,	Licence No: 28/39/39/0173	Annual Volume (m ³): -
shown			184020	Details: Non-Evaporative Cooling	Max Daily Volume (m ³): -
				Direct Source: Thames Surface Water -	Application No: -
				Non Tidal	Original Start Date: 8/12/1994
				Point: Oval Road, Camden - Grand Union	Expiry Date: -
				Regents Canal	Issue No: 100
				Data Type: Point	Version Start Date: 8/12/1994
					Version End Date:
Not	1157.0	E	528500,	Licence No: 28/39/39/0164	Annual Volume (m ³): 7010000
shown			184020	Details: Non-Evaporative Cooling	Max Daily Volume (m ³): 19520
				Direct Source: Thames Surface Water -	Application No: -
				Non Tidal	Original Start Date: 18/7/1980
				Point: Southampton Bridge, London, Nw8	Expiry Date: -
				- Regents Canal	Issue No: 101
				Data Type: Point	Version Start Date: 17/12/2007
					Version End Date:

Yes



Not 1821.0 shown

527050, 182460

S

Licence No: 28/39/39/0164 Details: Non-Evaporative Cooling Direct Source: Thames Surface Water -Non Tidal Point: St John's Wood, London - Regents Canal Data Type: Point



Annual Volume (m³): 7010000 Max Daily Volume (m³): 19520 Application No: -Original Start Date: 18/7/1980 Expiry Date: -Issue No: 101 Version Start Date: 17/12/2007 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	Direction	NGR	Detai	ls
Not shown	631.0	SE	527640, 183690	Licence No: 28/39/39/0231 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barrow Hill Pumping Station - Borehole Data Type: Point	Annual Volume (m ³): 631000 Max Daily Volume (m ³): 2000 Original Application No: WRA/R/1026 Original Start Date: 1/4/2007 Expiry Date: 31/3/2013 Issue No: 1 Version Start Date: Version End Date:
Not shown	631.0	SE	527640, 183690	Licence No: 28/39/39/0202 Details: Potable Water Supply - Direct Direct Source: Thames Groundwater Point: Barrow Hill Pumping Station - Borehole Data Type: Point	Annual Volume (m ³): 631000 Max Daily Volume (m ³): 2000 Original Application No: WRA/2/2(24) Original Start Date: 26/9/2002 Expiry Date: 31/3/2007 Issue No: 1 Version Start Date: Version End Date:
Not shown	1494.0	E	528800, 184700	Licence No: 28/39/39/0091 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Thames Groundwater Point: Two Bores At Kentish Town Sports Centre, Prince Of Wales St Data Type: Point	Annual Volume (m ³): 94506 Max Daily Volume (m ³): 604.6 Original Application No: - Original Start Date: 13/6/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1637.0	S	527420, 182620	Licence No: 28/39/39/0115 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Two Boreholes At Abbey Lodge, Park Road, London Nw8 Data Type: Point	Annual Volume (m ³): 28640 Max Daily Volume (m ³): 100 Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1637.0	S	527420, 182620	Licence No: 28/39/39/0115 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Thames Groundwater Point: Abbey Lodge, Park Road, London Nw8-two Boreholes Data Type: Point	Annual Volume (m ³): 28640 Max Daily Volume (m ³): 100 Original Application No: - Original Start Date: 5/9/1966 Expiry Date: - Issue No: 101 Version Start Date: Version End Date:

5.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site?

Yes

The following Source Protection Zones records are represented on the SPZ and Potable Water Abstraction Map (5c):

ID	Distance	Direction	Туре	Description	
2	0.0	On Site	2	Outer Catchment	
Report Reference: SCL-361223			}		

	Soil Consult	ants Ltd
Ground Investigation	Gestechnical Analysis - Cents	amination Assessment
1	334.0	SE



Inner Catchment

5.7 River Quality

Is there any Environment Agency information on river quality within 1500m of the study site?

1

Biological Quality:

Database searched and no data found.

Chemical Quality:

Database searched and no data found.

5.8 Detailed River Network

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

Yes

No

No

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

ID	Distance	Direction		Details
1	164.0	W	River Name: St Agnes's Well	River Type: Extended Culvert (greater than 50m)
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
				· · · · · · · · · · · · · · · · · · ·

5.9 Surface Water Features

Are there any surface water features within 250m of the study site?

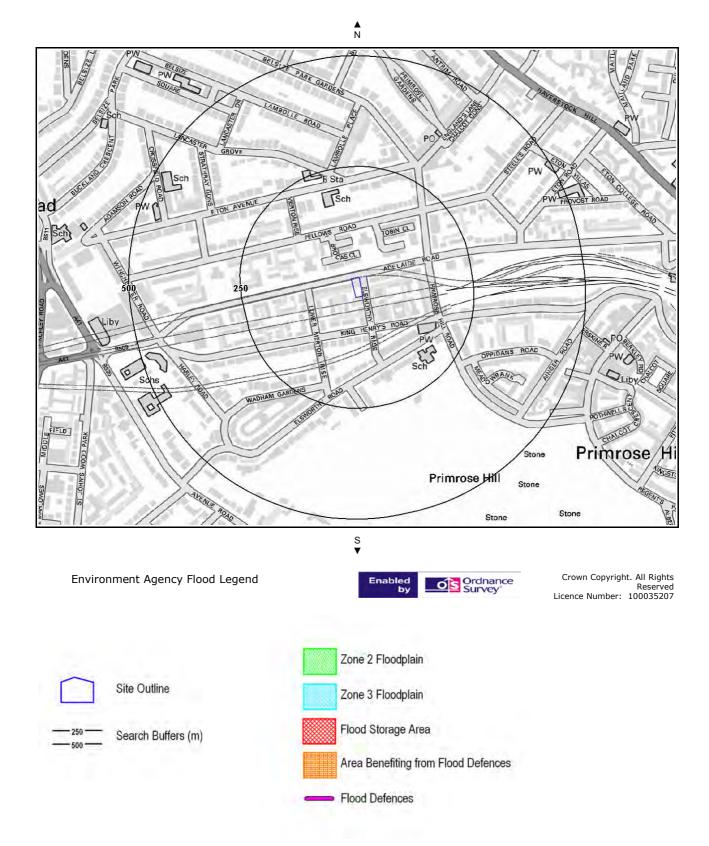
Database searched and no data found.





6. Environment Agency Flood Map





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6. Flooding

6.1 Zone 2 Flooding

Zone 2 floodplain estimates the annual probability of flooding as one in one thousand (0.1%) or greater from rivers and the sea but less than 1% from rivers or 0.5% from the sea. Alternatively, where information is available they may show the highest known flood level.

Is the site within 250m of an Environment Agency indicative Zone 2 floodplain?

Database searched and no data found.

6.2 Zone 3 Flooding

Zone 3 estimates the annual probability of flooding as one in one hundred (1%) or greater from rivers and a one in two hundred (0.5%) or greater from the sea. Alternatively, where information is available they may show the highest known flood level.

Is the site within 250m of an Environment Agency indicative Zone 3 floodplain?

Database searched and no data found.

6.3 Flood Defences

Are there any Flood Defences within 250m of the study site?

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 used for Flood Storage

Are there any areas used for Flood Storage within 250m of the study site?	No
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6.6 Groundwater Flooding Susceptibility Areas

Are there any British Geological Survey groundwater flooding	
susceptibility flood areas within 50m of the boundary of the study site?	No

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

Negligible



No

No

No



6.7 Groundwater Flooding Confidence Areas

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

Not Applicable

Notes:

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

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

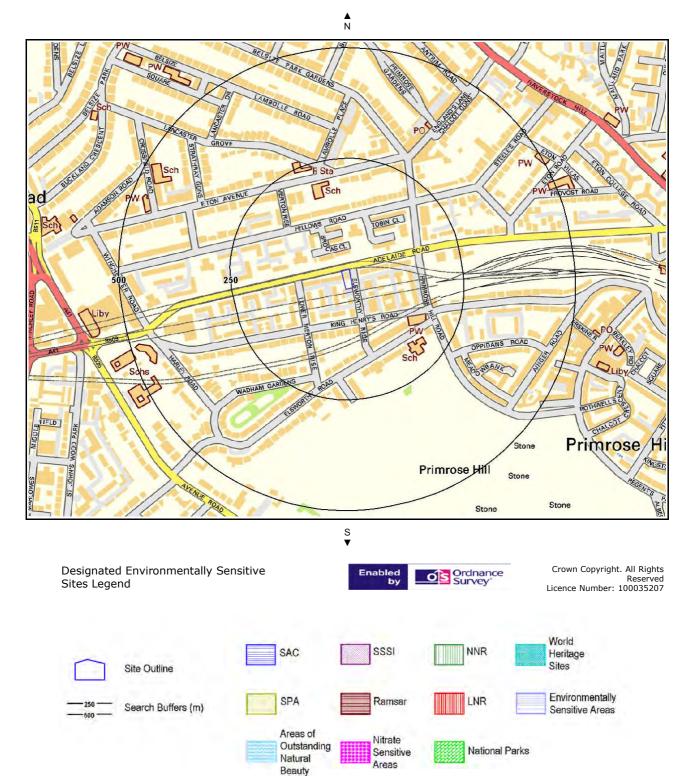


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7.Designated Environmentally Sensitive Sites Map





7.Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 500m of the study site?	No
Records of Sites of Special Scientific Interest (SSSI) within 500m of the study site:	0
Database searched and no data found.	
Records of National Nature Reserves (NNR) within 500m of the study site:	0
Database searched and no data found.	
Records of Special Areas of Conservation (SAC) within 500m of the study site:	0
Database searched and no data found.	
Records of Special Protection Areas (SPA) within 500m of the study site:	0
Database searched and no data found.	
Records of Ramsar sites within 500m of the study site:	0
Database searched and no data found.	
Records of Local Nature Reserves (LNR) within 500m of the study site:	0
Database searched and no data found.	
Records of World Heritage Sites within 500m of the study site:	0
Database searched and no data found.	
Records of Environmentally Sensitive Areas within 500m of the study site:	0
Database searched and no data found.	
Records of Areas of Outstanding Natural Beauty (AONB) within 500m of the study site:	0
Database searched and no data found.	
Records of National Parks (NP) within 500m of the study site:	0
Database searched and no data found.	X



0

0

Records of Nitrate Sensitive Areas within 500m of the study site:

Database searched and no data found.

Records of Nitrate Vulnerable Zones within 500m of the study site:

Database searched and no data found.