

**41 Highgate West Hill
LONDON, N6 6LS**

Pathways and Receptors

Sensitivity

Pathways

Groundwater Vulnerability

Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers. Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise. Map Scale: 1:100,000, Map Name: Sheet 39 West London. Contact ref: 3

Drift Deposits

No

Extreme Flooding from Rivers or Sea without Defences

No

Flooding from Rivers or Sea without Defences

No

Areas Benefiting from Flood Defences

No

Flood Water Storage Areas

No

Flood Defences

No

**41 Highgate West Hill
LONDON, N6 6LS**

Other Factors

Brine Compensation Area

No

Coal Mining Affected Areas

In an area which may not be affected by coal mining

Radon Potential

Description The property is not in a radon affected area, as less than 1% of homes are above the action level, Source British Geological Survey, National Geoscience Information Service. Contact ref: 4

Radon Protection Measures

None. Contact ref: 4

Potential for Collapsible Ground Stability Hazards

No Hazard

Potential for Compressible Ground Stability Hazards

No Hazard. Contact ref: 4

Potential for Ground Dissolution Stability Hazards

No Hazard

Potential for Landslide Ground Stability Hazards

Very Low. Contact ref: 4

Potential for Running Sand Ground Stability Hazards

Low. Contact ref: 4

Potential for Shrinking or Swelling Clay Ground Stability Hazards

Moderate. Contact ref: 4

Shallow Mining Hazards

No Hazard

Current Land Use

Sources	On Site	0-250m
Waste/Landfill Sites	0	3
BGS Recorded Landfill Sites	0	0
Licensed Waste Management Facilities (Landfill Boundaries)	0	0
Licensed Waste Management Facilities (Locations)	0	0
Local Authority Recorded Landfill Sites	0	0
Registered Landfill Sites	0	0
Registered Waste Transfer Sites	0	0
Registered Waste Treatment or Disposal Sites	0	0
Statutory Authorisations		
Local Authority Pollution Prevention and Controls	0	0
Contaminated Land Register Entries and Notices	0	0
Registered Radioactive Substances	0	0
Discharge Consents		
Discharge Consents	0	1
Water Industry Act Referrals	0	0
Industrial Processes		
Integrated Pollution Controls	0	0
Integrated Pollution Control Registered Waste Sites	0	0
Integrated Pollution Prevention And Control	0	0
Local Authority Integrated Pollution Prevention And Control	0	0
Storage of Hazardous Substances		
Control of Major Accident Hazards Sites (COMAH)	0	0
Explosive Sites	0	0
Notification of Installations Handling Hazardous Substances (NIHHS)	0	0
Planning Hazardous Substance Consents	0	0
Contraventions		
Local Authority Pollution Prevention and Control Enforcements	0	0
Enforcement and Prohibition Notices	0	0
Planning Hazardous Substance Enforcements	0	0
Prosecutions Relating to Authorised Processes	0	0
Prosecutions Relating to Controlled Waters	0	0
Substantiated Pollution Incident Register	0	0
Potentially Contaminative Uses		
Contemporary Trade Directory Entries	0	2
Fuel Station Entries	0	0
Miscellaneous		
BGS Recorded Mineral Sites	0	0

Historical Land Use

	On Site	0-250m
Sources	0	5
Potentially Contaminative Uses		
Historical Tanks And Energy Facilities	0	4
Potentially Contaminative Industrial Uses (Past Land Use)	0	1
Potentially Infilled Land		
Former Marshes	0	0
Potentially Infilled Land (Non-Water)	0	0
Potentially Infilled Land (Water)	0	0

Sensitivity

	On Site	0-250m
Pathways and Receptors	1	1
Pathways		
Groundwater Vulnerability	1	N/A
Drift Deposits	0	N/A
Historical Flood Liabilities	0	0
Extreme Flooding from Rivers or Sea without Defences	0	0
Flooding from Rivers or Sea without Defences	0	0
Areas Benefiting from Flood Defences	0	0
Flood Water Storage Areas	0	0
Flood Defences	0	0
River Flood Data (Scotland)	0	0
Environmentally Sensitive Receptors		
Areas of Outstanding Natural Beauty	0	0
Environmentally Sensitive Areas	0	0
Local Nature Reserves	0	0
Marine Nature Reserves	0	0
National Nature Reserves	0	0
Nearest Surface Water Feature	0	1
Ramsar Sites	0	0
Sites of Special Scientific Interest	0	0
Source Protection Zones	0	0
Special Areas of Conservation	0	0
Special Protection Areas	0	0
Water Abstractions	0	0
Protected Countryside Areas		
Forest Parks	0	0
National Parks	0	0
National Scenic Areas	0	0

Other Factors

	On Site	0-250m
	5	3
Brine Compensation Area	0	N/A
Coal Mining Affected Areas	0	N/A
Mining Instability	0	0
Natural and Mining Cavities	0	0
Radon Potential	1	N/A
Radon Protection Measures	1	N/A
Potential for Collapsible Ground Stability Hazards	0	0
Potential for Compressible Ground Stability Hazards	1	1
Potential for Ground Dissolution Stability Hazards	0	0
Potential for Landslide Ground Stability Hazards	1	1
Potential for Running Sand Ground Stability Hazards	1	1
Potential for Shrinking or Swelling Clay Ground Stability Hazards	1	0
Shallow Mining Hazards	0	0

General

- ☐ Sanjour
- ☒ Strong Roberts
- ☐ Sullivan's Island

Wiederholungsfragen

- | | |
|--|--|
|  DCS, recorded Landfill Site |  Final location of DCS Reported Landfill Site |
|  Location from Marginalized Landfill Site |  Location from Marginalized Landfill Site |
|  DCS Authority for the Landfill Site |  Final location of Local Authority Reported Landfill Site |
|  Program of Waste Transfer Site |  Final location of Reported Waste Transfer Site |
|  Registered vehicle transferred to a Landfill Site |  Final location of Registered vehicle transferred to a Landfill Site |
|  Registered vehicle transferred to a Landfill Site |  Final location of Registered vehicle transferred to a Landfill Site |
|  Final location of Landfill Site |  Final location of Landfill Site |

Mandatory Publications

- | | | | |
|---|--|---|---|
|  | Water Pollution Prevention and Control |  | Contaminated Land Remedial Duty or Notice |
|  | Flood Protection of Contaminated Land
Remedial Duty or Notice 4 |  | Particulate Matter Emissions
Notice 4 |

Discharge Coefficients

- Discharge Current

Industrial Processes

- | | |
|---|---|
| | |
| Integrated Police Control | Integrated Police Control |
| | |
| Integrated Police Control | Integrated Police Control |

Storage of Hazardous Substances

- [illegible]

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- | | |
|--|---|
| ☒ Core of Building Program
Presented on and Conducted
Earthquake | ☒ Earthquake and
Rebuilding Signs |
| ☒ Planning Program
Successful Presentation | ☒ Transportation Program
Technical Register |
| ☒ Preparation Building
in Selected Precipice | ☒ Preparation Building
in Selected Precipice |

Potentially Contaminative Use

- 100 Potentially Chimeric Human S100

References

- **OTIS: The correct Answer is C**

 **Sitecheck**[®]
Data
A Landmark® product

Sources

Description

Ref. No.	Search Buffer	Direction
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Waste/Landfill Sites

Local Authority Landfill Coverage

London Borough of Camden, - Has no landfill data to supply. Contact ref: 1

-	On Site	-
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London Borough of Haringey, - Has supplied landfill data. Contact ref: 2

-	0-250m	N
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Discharge Consents

Discharge Consents

Thames Water Utilities Ltd, Highgate, Trade Discharge, Reference: Temp.0148, Version: 1, Status: Revoked, Positional Accuracy: Located by supplier to within 100m, Contact ref: 3

1	0-250m	NE
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Potentially Contaminative Uses

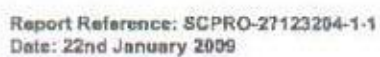
Contemporary Trade Directory Entries

Hygi Seal, ,40,Highgate West Hill,London, Hygiene & Cleansing Services, Status: Inactive, Positional Accuracy: Manually positioned to the address or location

2	0-250m	SW
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24hr Abacus, ,40,Highgate West Hill,London, Air Conditioning Equipment & Systems, Status: Inactive, Positional Accuracy: Manually positioned to the address or location

3	0-250m	SW
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Historical Land Use

Sources

Description

Ref. No.	Search Buffer	Direction
-------------	------------------	-----------

Potentially Contaminative Uses

Historical Tanks And Energy Facilities

Electrical Sub Station Facilities, Scale of Mapping: 1:1,250, Date of Mapping: 1952 - 1968

1	0-250m	SE
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Electrical Sub Station Facilities, Scale of Mapping: 1:2,500, Date of Mapping: 1952 - 1970

2	0-250m	SE
---	--------	----

Electricity Industry Facilities, Scale of Mapping: 1:2,500, Date of Mapping: 1970

3	0-250m	NE
---	--------	----

Tanks, Scale of Mapping: 1:1,250, Date of Mapping: 1962 - 1979

4	0-250m	SW
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Potentially Contaminative Industrial Uses (Past Land Use)

Cemetery or Graveyard, Date of mapping: 1876-1996

5	0-250m	E
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Historical Land Use

Map Details

The following maps have been analysed for Historical Tanks and Energy Facilities.

1:2,500	Mapsheet	Published Date
National Grid	TQ2867	1952
National Grid	TQ2786	1953
National Grid	TQ2787	1953
National Grid	TQ2886	1953
National Grid	TQ2886	1970
National Grid	TQ2887	1970
1:1,250	Mapsheet	Published Date
National Grid	TQ2786NE	1952
National Grid	TQ2787SE	1952
National Grid	TQ2886NW	1952
National Grid	TQ2887NW	1952
National Grid	TQ2887SW	1952
National Grid	TQ2786NE	1962
National Grid	TQ2887NW	1962
National Grid	TQ2887SW	1968
National Grid	TQ2787SE	1975
National Grid	TQ2886NW	1979
National Grid	TQ2887NW	1968
National Grid	TQ2786NE	1979
National Grid	TQ2887NW	1978

The following maps have been analysed for Potentially Contaminative Uses and Potentially Infilled Land information.

1:10,560	Mapsheet	Published Date
Middlesex	012_00	1876
London	003_SW	1896
Middlesex	012_SW	1896
London	002_00	1920
Essex	077_00	1946
National Grid	TQ28NE	1951
1:10,000	Mapsheet	Published Date
National Grid	TQ28NE	1996

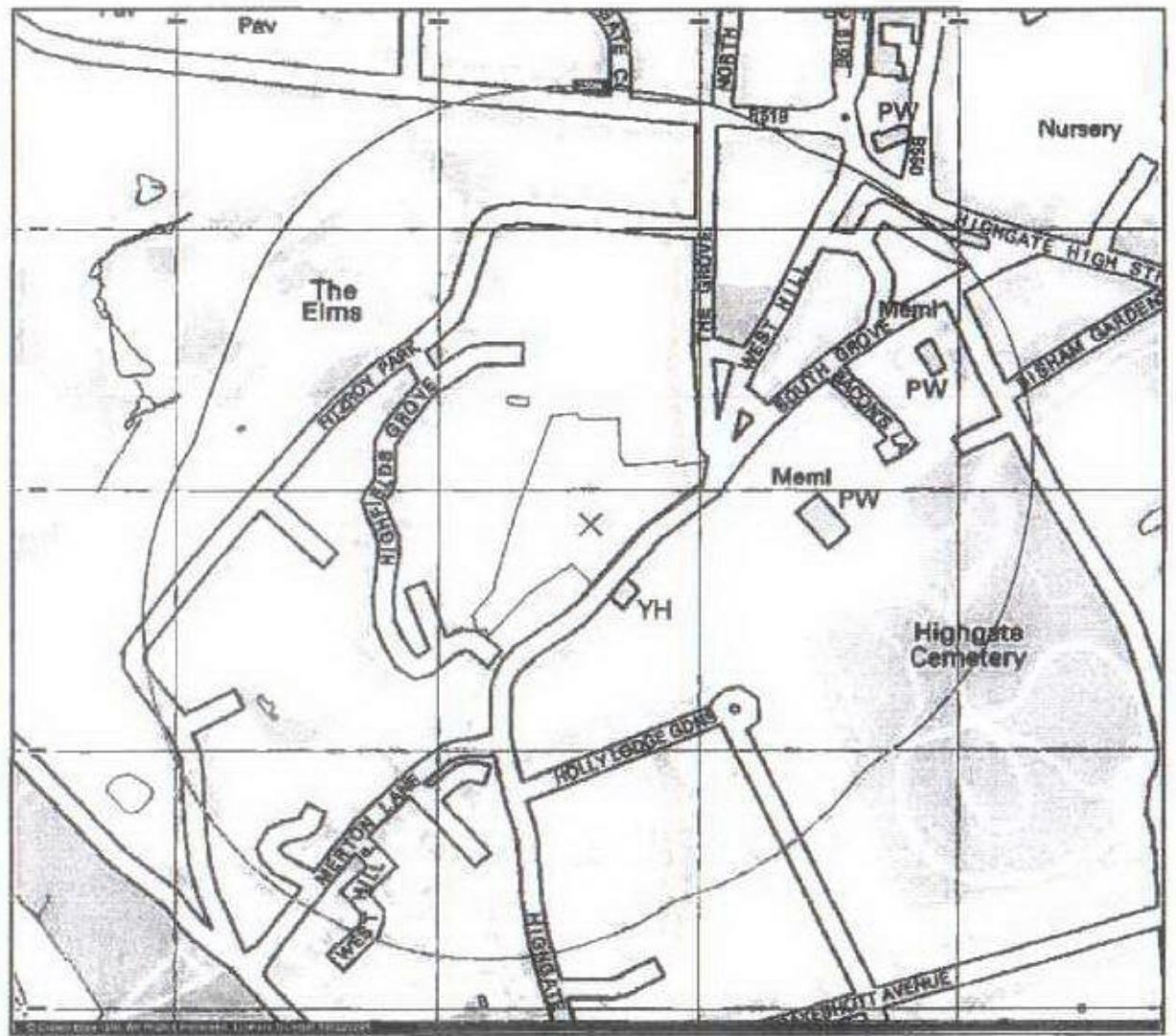
Legend

General

- City Boundary
- Search Grid
- Surveyed Subsurface Hole
- Grid Line

Area of Floodplain

- Extreme Flooding From Waves or Sea without Disturbance (Class 2)
- Flooding From Waves or Sea without Disturbance (Class 2)
- Area Subject to Storm Flood Disturbance
- Flood Wave Storage Areas
- Flood Outlines



Pathways and Receptors

Description

Search
Buffer

Direction

Pathways

Groundwater Vulnerability

Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers. Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise. Map Scale: 1:100,000, Map Name: Sheet 39 West London. Contact ref: 3

On Site

-

Drift Deposits

No

N/A

Extreme Flooding from Rivers or Sea without Defences

No

N/A

Flooding from Rivers or Sea without Defences

No

N/A

Areas Benefiting from Flood Defences

No

N/A

Flood Water Storage Areas

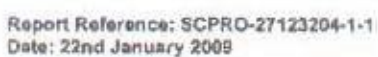
No

N/A

Flood Defences

No

N/A



Pathways and Receptors

Description

Ref. No.	Search Buffer	Direction
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Environmentally Sensitive Receptors

Nearest Surface Water Feature

0-250m

1	0-250m	NW
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Other Factors

Description	Search Buffer	Direction
Brine Compensation Area		
No	N/A	
Coal Mining Affected Areas		
In an area which may not be affected by coal mining	N/A	
Radon Potential		
Description The property is not in a radon affected area, as less than 1% of homes are above the action level, Source British Geological Survey, National Geoscience Information Service. Contact ref: 4	On Site	-
Radon Protection Measures		
None. Contact ref: 4	On Site	-
Potential for Collapsible Ground Stability Hazards		
No Hazard	N/A	
Potential for Compressible Ground Stability Hazards		
No Hazard. Contact ref: 4	On Site	-
Moderate. Contact ref: 4	0-250m	S
Potential for Ground Dissolution Stability Hazards		
No Hazard	N/A	
Potential for Landslide Ground Stability Hazards		
Very Low. Contact ref: 4	On Site	-
Low. Contact ref: 4	0-250m	W
Potential for Running Sand Ground Stability Hazards		
Low. Contact ref: 4	On Site	-
No Hazard. Contact ref: 4	0-250m	W
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
Moderate. Contact ref: 4	On Site	-
Shallow Mining Hazards		
No Hazard	N/A	

Useful Information

Registered Landfill Sites

At present no complete national data set exists for landfill site boundaries, therefore a point grid reference, provided by the data supplier, is used for some landfill sites. In certain cases the point grid references supplied provide only an approximate position, and can vary from the site entrance to the centre of the site. Where the exact position of the site is unclear, Landmark construct either a 100 metre or 250 metre "buffer" around the point to warn of the possible presence of landfill. The size of this 'buffer' relates to the positional accuracy that can be attributed to the site. The "buffer" is shown on the map as an orange cross-hatched circle and is referred to in the map legend as a Potential Landfill Buffer. Where actual boundaries are available, the landfill site area is shown on the map as a red diagonal hatched polygon and referred to in the map legend as Registered Landfill Site.

Local Authority Recorded Landfill Sites

Local Authority data are sourced from individual local authorities that were able to provide information on sites operating prior to the introduction of the Control of Pollution Act (COPA) in 1974.

Appropriate authorities are listed under Local Authority Landfill Coverage with an indication of whether or not they were able to make landfill data available. Details of any records identified are disclosed. You should be aware that if the local authority 'Had landfill data but passed it to the relevant environment agency' it does not necessarily mean that local authority landfill data is included in our other Landfill datasets.

In addition if no data has been made available, for all or part of the search area, you should be aware that a negative response under 'Local Authority Recorded Landfill Sites' does not necessarily confirm that no local authority landfills exist.

Flooding

The Sitecheck report flood map plots all flood related features revealed within the search area as supplied by the relevant agency. However, to avoid confusion, the text entry in the body of the report only reveals the detail of the nearest feature in each flood data set.

This is also reflected in the summary table where only a single entry is included to indicate the search buffer of the nearest occurrence.

Mining Instability Data

The Mining Instability data was obtained on Licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The information and data supplied in the Product are derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.



Useful Contacts

Contact Name and Address

- 1 London Borough of Camden**
Town Hall
Judd Street
London
WC1H 8JE

info@camden.gov.uk
www.camden.gov.uk

Telephone 020 7974 4444
Fax 020 7974 6866
- 2 London Borough of Haringey Planning Department**
Civic Centre
639 High Road
Tottenham
London
N17 8BD

www.haringey.gov.uk
- 3 Environment Agency National Customer Contact Centre (NCCC)**
PO Box 544
Templeborough
Rotherham
S60 1BY

enquiries@environment-agency.gov.uk

Telephone 08708 506 506
- 4 British Geological Survey Enquiry Service**
British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
Nottinghamshire
NG12 5GG

enquiries@bgs.ac.uk
www.bgs.ac.uk

Telephone 0115 936 3143
Fax 0115 936 3276

Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.

Other Contacts

Landmark Information Group Limited
Property & Environment
The Smith Centre
Fairmile
Henley On Thames
Oxfordshire
RG9 6AB

customerservices@landmarkinfo.co.uk
www.landmarkinfo.co.uk

Telephone 0844 844 9952
Fax 0870 850 6671

APPENDIX 3

EXPLORATORY HOLE RECORDS

GROUND ENGINEERING			Site: WITANHURST, 41 HIGHGATE WEST HILL, LONDON N6				BOREHOLE BH1		
Geo-Environmental Specialists 01733 566566			Date: 29/01/09 to 03/02/09		Hole Size: 200mm dia to 8.00m 150mm dia to 25.00m		Ground Level: 125.90m. O.D.		
Samples and in-situ Tests			(Date)	Inst.	Description of Strata	Legend	Depth m	O.D. Level m	
Depth m	Type	Blows	Casing						
10.50-11.00 10.50 10.65-10.95	B8 D17 S	N19	10.00		Medium dense, becoming dense below 12.10m, brown, grey and orange brown, sandy to very sandy SILT with thin bands of stiff light grey sandy clay and occasional black carbonaceous traces.		10.00	115.90	
11.60	D18				(LONDON CLAY FORMATION - CLAYGATE MEMBER)				
12.10-12.60 12.10 12.25-12.55	B9 D19 S	N32	12.00						
13.00	D20								
13.60-14.80 13.60 13.75-14.05	B10 D21 S	N35	13.40		Stiff brown, grey brown and orange brown mottled sandy to very sandy CLAY/SILT with occasional partings of silty fine sand.		14.60	111.30	
14.60	D22								
15.00-15.50	U3	70	14.40						
15.50 15.50	D23 W2				(LONDON CLAY FORMATION - CLAYGATE MEMBER)				
16.00	D24						16.00	109.90	
16.60-17.10	U4	80	16.40						
17.10	D25				(LONDON CLAY FORMATION)				
17.70	D26								
18.20 18.30-18.70	D27 U5	100	18.20		Very stiff, initially very closely fissured to stiff, dark grey brown CLAY with occasional brown silt partings. Fissure planes iron-stained orange brown.		18.20	107.70	
18.70	D28								
19.10	D29								
19.60-19.90	U6	100	18.70		(LONDON CLAY FORMATION)				
20.00	D30						20.00	105.90	
REMARKS							Project No 11681		
							Scale 1:50	Page 2/3	
KEY			Groundwater Strikes			Groundwater Observations			
D - Disturbed Sample			Depth m			Depth m			
B - Bulk Sample			No/Struck	Rose to	Rate	Cased	Sealed	Date	
U - Undisturbed Sample									
W - Water Sample									
S/C - SPT Spoon/Cone									
W - Water Strike									
W - Water Rise									
N - SPT Blows for 0.3m									
• - Blows for quoted penetration									
V - Vane Shear Test Cohesion () kPa									
Level on completion									
Level casing withdrawn									
Standpipe Level									

GROUND ENGINEERING Geo-Environmental Specialists 01793 668560			Site: WITANHURST, 41 HIGHGATE WEST HILL, LONDON N6			BOREHOLE BH1		
Date: 29/01/09 to 03/02/09			Hole Size: 200mm dia to 8.00m 150mm dia to 25.00m			Ground Level: 125.90m. O.D.		
Samples and in-situ Tests			(Date)	Inst.	Description of Strata	Legend	Depth m	O.D. Level m
Depth m	Type	Blows	Casing					
20.50	D31			DEWATH METALLADON	Very stiff, locally very closely fissured to stiff, dark grey brown CLAY with occasional brown silt partings. Fissure planes iron-stained orange brown. (LONDON CLAY FORMATION)		20.00	105.90
21.20-21.50	U7	80	18.70	DEWATH METALLADON				
21.50	D32			DEWATH METALLADON				
22.10	D33			DEWATH METALLADON				
22.60-22.90	U8	100	18.70	DEWATH METALLADON	Very stiff dark grey and orange brown iron-stained CLAY with occasional light brown silt partings and gravel size pyrite nodules. Occasional gravel size pockets of fine sand below 24.00m. (LONDON CLAY FORMATION)		22.60	103.30
22.90	D34			DEWATH METALLADON				
23.60	D35			DEWATH METALLADON				
24.00-24.30	U9	100	18.70	DEWATH METALLADON				
24.30	D36			DEWATH METALLADON	Borehole completed at 25.00m depth		25.00	100.90
25.00	D37			DEWATH METALLADON				
REMARKS						Project No 11681		
						Scale 1:50 Page 3/3		
KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed Sample W - Water Sample S/C - SPT Spoon/Cone WS - Water Strike WR - Water Rise N - SPT Blows for 0.3m - Blows for quoted penetration V - Vane Shear Test Cohesion () kPa Level on completion Level casing withdrawn Standpipe Level			Groundwater Strikes Depth m No Strike Rose to Rate Cased Sealed			Groundwater Observations Depth m Date Hole Casing Water		