HIGH PEAK BOROUGH COUNCIL
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APPENDIX B
Groundsure Report

GroundSure
ENVIRONMENTAL INSIGHT

EmapSite
Masdar House,
Eversley, RG27 0RP

GroundSure Reference:	S EMS-169384_250546
Your Reference:	EMS_169384_250546
Report Date:	Jun 18, 2012
Report Delivery Method:	**xml**
Client Email:	sales@emapsite.com

GroundSure EnviroInsight

Address: Hawkshead Mill,Hawkshead Road,Old Glossop

Dear Sir/Madam,

Thank you for placing your order with GroundSure. Please find enclosed the GroundSure EnviroInsight 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,

[redacted]

Groundsure Limited

Enc.
GroundSure EnviroInsight

GroundSure EnviroInsight

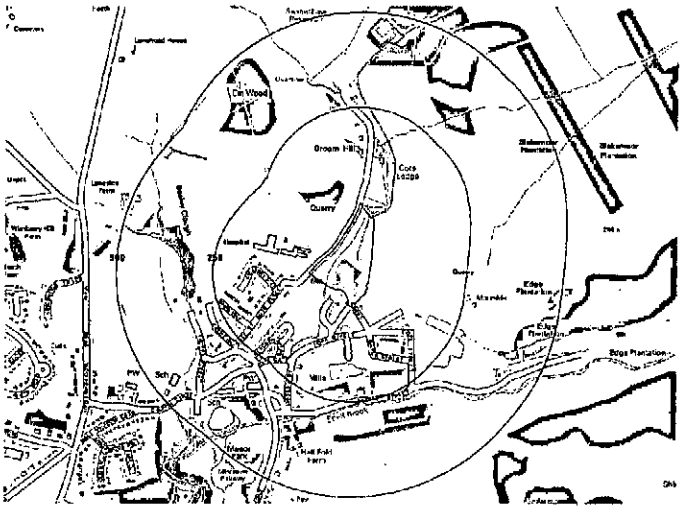
Address: Hawkshead Mill,Hawkshead Road,Old Glossop

Date: Jun 18, 2012

GroundSure Reference: S EMS-169384_250546

Your Reference: EMS_169384_250546

Client: EmapSite



Brought to you by GroundSure

Aerial Photograph of Study Site

NW N NE



◄W E►

SW S SE

Aerial photography supplied by Getmapping PLC.
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Site Name: Hawkshead Mill,Hawkshead Road,Old Glossop
Grid Reference: 404402,395162
Size of Site: 2.18 ha

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 site boundary					
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	5	0	-	-
Records of Part A(1) and IPPC Authorised Activities	0	0	2	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	2	0	-	-
Records of Part A(2) and Part B Activities and Enforcements	0	0	0	0	-	-
Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	4	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	3	-	-	-
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	1	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	0

3. Current Land Uses	on-site	0-50	51-250	251-500	501-1000	1000-1500
3.1 Current Industrial Sites Data	5	1	11	-	-	-
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? *	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 086

* 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?				Yes		
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).	0	0	0	0	0	7
5.4 Surface Water Abstraction Licences (within 2000m of the study site).	4	0	0	1	0	12
5.5 Potable Water Abstraction Licences (within 2000m of the study site).	0	0	0	1	0	3
5.6 Are there any Source Protection Zones within 500m of the study site?					No	

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	Yes	No	No
5.8 Detailed River Network entries within 500m of the site	5	8	18	43	-	-
5.9 Surface water features within 250m of the study site	Yes	Yes	Yes	-	-	-

6. Flooding	
6.1 Are there any Environment Agency indicative Zone 2 floodplains within 250m of the study site?	Yes
6.2 Are there any Environment Agency indicative Zone 3 floodplains within 250m of the study site?	Yes
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 250m of the study site?	No
6.5 Are there any areas used for Flood Storage within 250m of the study site?	No
6.6 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Low
6.7 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Low

7. Designated Environmentally Sensitive Sites	on-site	0-50	51-250	251-500	501-1000	1001-2000
7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	2
7.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0

7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	2
7.3 Records of Local Nature Reserves (LNR)	0	0	0	0	0	0
7.4 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	2
7.5 Records of Special Protection Areas (SPA)	0	0	0	0	0	2
7.6 Records of Ramsar sites	0	0	0	0	0	0
7.7 Records of World Heritage Sites	0	0	0	0	0	0
7.8 Records of Environmentally Sensitive Areas	1	0	0	0	0	0
7.9 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
7.10 Records of National Parks	1	0	0	0	0	0
7.11 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
7.12 Records of Nitrate Vulnerable Zones	0	0	0	0	0	0

8. Natural Hazards

8.1 What is the maximum risk of natural ground subsidence?	Very Low

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.

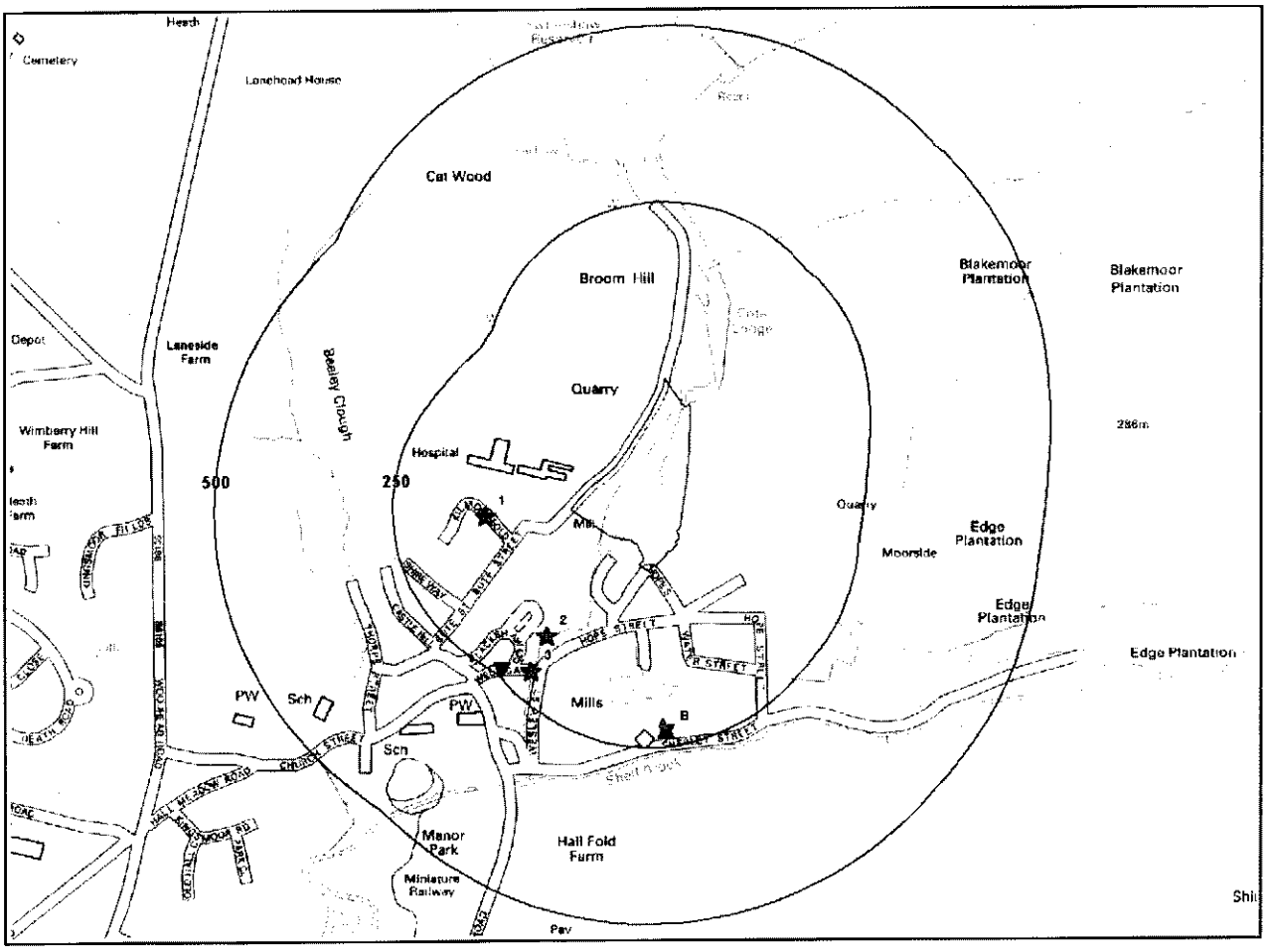
Note: Maps

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



Authorisations,Incidents and Registers Legend

Enabled by Ordnance Survey

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- Site Outline
- Search Buffers (m) — 250 — 500
- Recorded Pollution Incident
- Dangerous Substances (List 1)
- Dangerous Substances (List 2)
- Water Industry Referrals
- Licenced Discharge Consents
- Red List Discharge Consents
- RAS 3 & 4 Authorisations
- Part A(1) Authorised Processes and Historic IPC Authorisations
- Part A(2) and Part B Authorised Processes
- COMAH / NIHHS Sites
- Sites Determined as Contaminated Land
- 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:

Records of historic IPC Authorisations within 500m of the study site: **5**

The following IPC Authorisations are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
19B	229.0	S	404430, 394810	Operator: Firth Rixson Superalloys Ltd Address: Meadow Mills, Shepley Street, Glossop, SK13 7SA Process: Non-ferrous Metals	Permit Number: AS6454 Original Permit Number: IPCAPP Date Approved: 29-1-1996 Effective Date: 14-2-1996 Status: Superseded By Variation
20B	229.0	S	404430, 394810	Operator: Firth Rixson Superalloys Ltd Address: Meadow Mills, Shepley Street, Glossop, SK13 7SA Process: Non-ferrous Metals	Permit Number: BB6289 Original Permit Number: IPCMINVAR Date Approved: 17-2-2000 Effective Date: 28-2-2000 Status: Superseded By Variation
21B	229.0	S	404430, 394810	Operator: Firth Rixson Superalloys Ltd Address: Meadow Mills, Shepley Street, Glossop, SK13 7SA Process: Non-ferrous Metals	Permit Number: BD2209 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
22B	229.0	S	404430, 394810	Operator: Firth Rixson Superalloys Ltd Address: Meadow Mills, Shepley Street, Glossop, SK13 7SA Process: Non-ferrous Metals	Permit Number: BI0661 Original Permit Number: IPCMINVAR Date Approved: 9-6-2000 Effective Date: 16-6-2000 Status: Superseded By Variation
23B	229.0	S	404430, 394810	Operator: Firth Rixson Superalloys Ltd Address: Meadow Mills, Shepley Street, Glossop, SK13 7SA Process: Non-ferrous Metals	Permit Number: BJ0030 Original Permit Number: IPCMAJVAR Date Approved: 8-11-2000 Effective Date: 16-11-2000 Status: Revoked - Now Ippc

Records of Part A(1) and IPPC Authorised Activities within 500m of the study site: **2**

The following Part A(1) and IPPC Authorised Activities are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
17B	229.0	S	404430, 394810	Operator: Firth Rixson Superalloys Ltd Installation Name: - Process: NON-FERROUS METALS; PRODUCING ETC LEAD & ALLOYS WITH RELEASE TO AIR	Permit Number: BL4397 Original Permit Number: BL4397 EPR Reference: - Issue Date: 26-2-2003 Effective Date: 26-2-2003 Last date noted as effective: 2004-10-01 Status: Superseded By Pas
18B	229.0	S	404430, 394810	Operator: Firth Rixson Superalloys Ltd Installation Name: Glossop Superalloys Ltd Process: NON-FERROUS METALS; PRODUCING ETC LEAD AND ALLOYS WITH RELEASE TO AIR	Permit Number: BL4397IC Original Permit Number: BL4397IC EPR Reference: - Issue Date: 26-2-2003 Effective Date: 17-8-2005 Last date noted as effective: 2005-10-03 Status: Revoked

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.

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: **2**

The following List 2 Dangerous Substance Inventory Site records are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
4A	238.0	S	404400, 394800	Name: Firthrixson Superalloys Ltd., Shelpley St., Glossop Status: Not Active Receiving Water: River Etherow	Authorised Substances: Arsenic, Chromium, Copper, Lead, Nickel, Silver, Vanadium, Zinc, Total metals (total)
5A	238.0	S	404400, 394800	Name: Firthrixson Superalloys Ltd., Shelpley St., Glossop Status: Active Receiving Water: -	Authorised Substances: Arsenic, Chromium, Copper, Lead, Nickel, Vanadium, Zinc

Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site: **0**

Database searched and no data found.

Records of Category 3 or 4 Radioactive Substance Licences within 500m of the study site: **4**

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

ID	Distance [m]	Direction	Address	Operator	Type	Permission Number	Dates	Status
24B	229.0	S	Firth Rixson Superalloys Ltd, Meadow Mills,shepley Street, Glossop, Derbyshire, SK13 9SA	Firth Rixson Superalloys Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AF2388	Date of Approval:24-6-1992 Effective from:24-6-1992 Last date of update:2003-12-01	Revoked/ cancelled
25B	229.0	S	Firth Rixson Superalloys Ltd, Meadow Mills,shepley Street, Glossop, Derbyshire, SK13 9SA	Firth Rixson Superalloys Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BB9458	Date of Approval:24-9-1998 Effective from:24-9-1998 Last date of update:2003-12-01	Superseded By Variation

26C	241.0	SW	Firth Rixson Superalloys Ltd, Meadow Mills,shepley Street, Glossop, Derbyshire, SK13 9SA	Firth Rixson Superalloys Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BB9458	Date of Approval:- Effective from:- Last date of update:20 01-06-01	-
27C	241.0	SW	Firth Rixson Superalloys Ltd, Meadow Mills,shepley Street, Glossop, Derbyshire, SK13 9SA	Firth Rixson Superalloys Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BB9458	Date of Approval:- Effective from:- Last date of update:20 03-06-04	-

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: **3**

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

ID	Distance	Direction	NGR	Details	
1	121.0	W	404176, 395118	Incident Date: 12/3/2001 Incident Identification: 201 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
2	164.0	SW	404262, 394947	Incident Date: 22/4/2002 Incident Identification: 73510 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
3	213.0	SW	404241, 394897	Incident Date: 23/6/2003 Incident Identification: 167932 Pollutant: Sewage Materials Pollutant Description: Grey Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

Records of National Incidents Recording System, List 1 within 250m of the study site: **0**

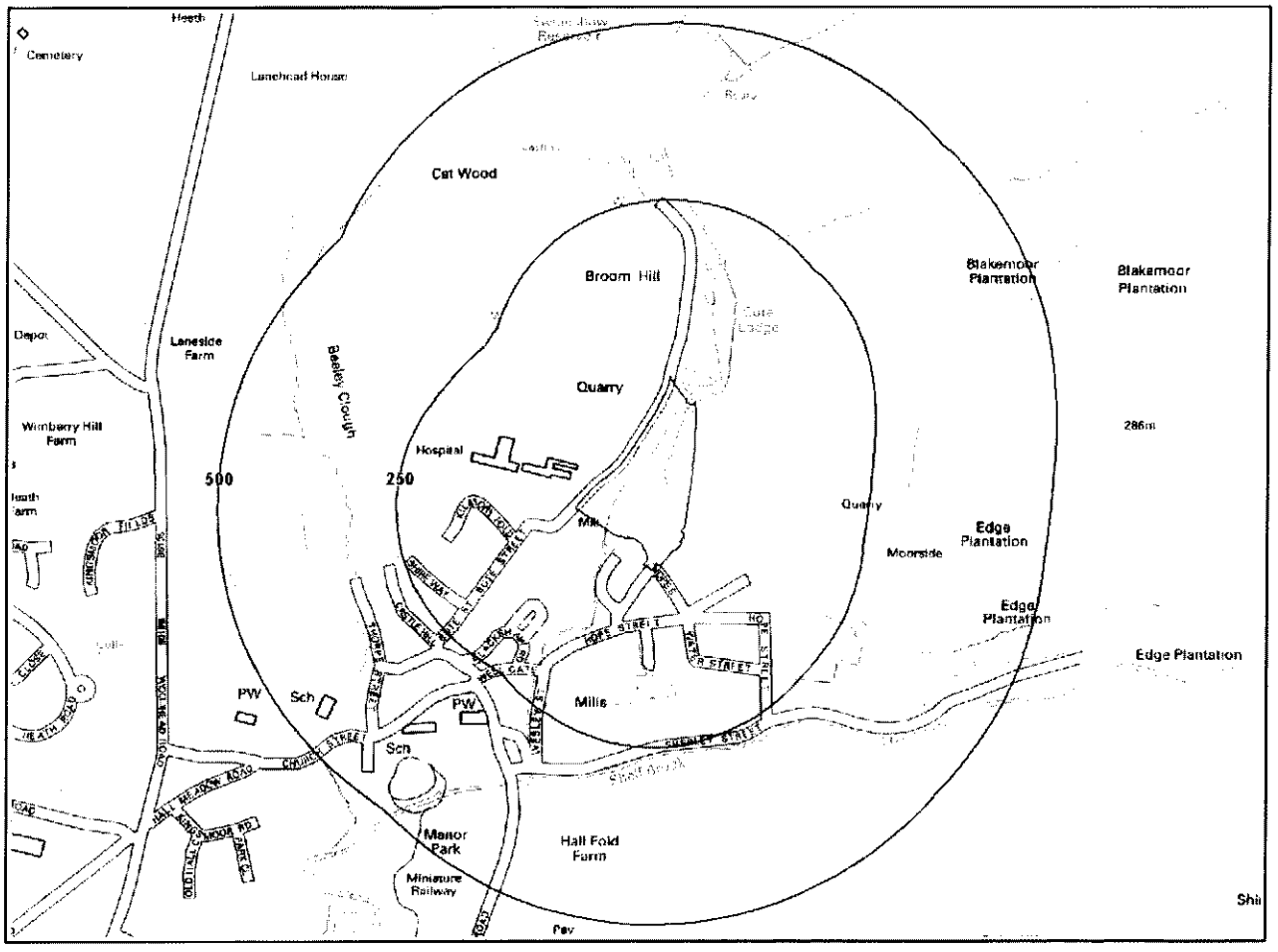
Database searched and no data found.

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? **0**

Database searched and no data found.

2. Landfill and Other Waste Sites Map



Landfill & Other Waste Sites Legend

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- Site Outline
- Search Buffers (m): 250, 500
- E.A. Active Landfill
- E.A. Historic Landfill (Area Data)
- E.A. Historic Landfill (Point Data)
- BGS / DoE Survey Landfill
- Local Authority Landfill (Area Data)
- Local Authority Landfill (Point Data)
- Operational Waste Treatment Licence
- Closed Waste Treatment Licence
- REGIS Waste Licence
- Operational Landfill
- Closed Landfill

2. Landfill and Other Waste Sites

2.1 Landfill Sites

Records from Environment Agency landfill data within 1000m of the study site: **0**

Database searched and no data found.

Records of operational landfill sites sourced from Landmark within 1000m of the study site: **0**

Database searched and no data found.

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	Direction	NGR	Details	
Not shown	931.0	S	404200, 394000	Site Address: Off Silk Street, Glossop, Derbyshire Waste Licence: - Site Reference: U007 Waste Type: - Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	1223.0	W	403000, 395400	Site Address: Bettenhill Farm, North Road, Padfield, Glossop, Derbyshire Waste Licence: Yes Site Reference: U037, LG15 Waste Type: Inert Regis Reference: -	Licence Issue: 14-Jan-1985 Licence Surrendered: 30-Jun-1985 Licence Hold Address: - Operator: Mr D Clarke

Records of non-operational landfill sites sourced from Landmark within 1000m of the study site: **0**

Database searched and no data found.

Records of BGS/DoE non-operational landfill sites within 1500m of the study site: **0**

Database searched and no data found.

Records of Local Authority landfill sites within 1500m of the study site: **0**

Database 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**

Database searched and no data found.

Records of non-operational waste treatment, transfer or disposal sites within 500m of the study site: **0**

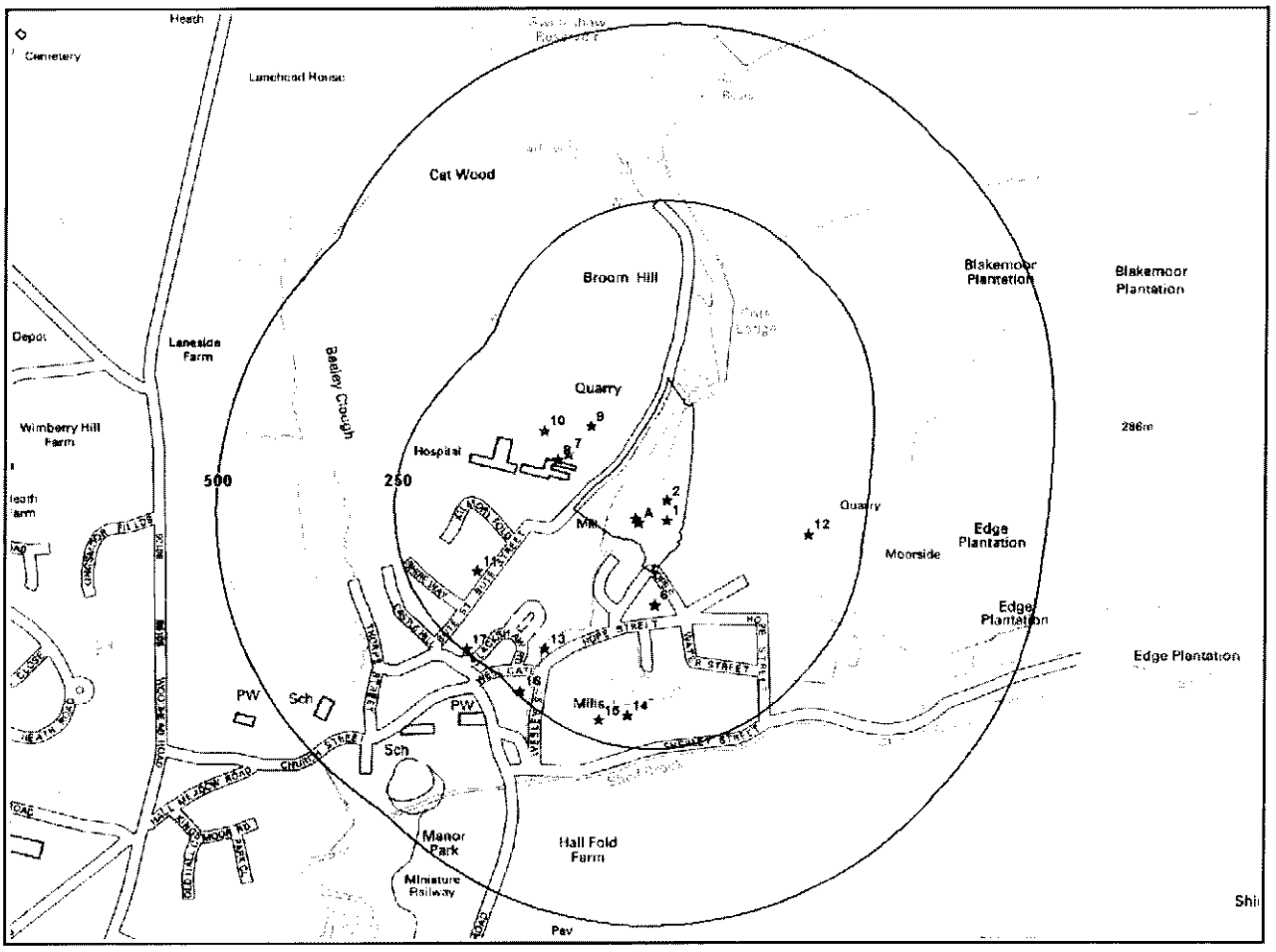
Database searched and no data found.

Records of Environment Agency licensed waste sites within 1500m of the study site: **0**

Database searched and no data found.

3. Current Land Use Map

NW N NE



W E

SW S SE

Current Land Use Legend

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Site Outline

250
500 Search Buffers (m)

Current Industrial Sites

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: **17**

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

ID	Distance	Direction	Company	Address	Activity	Category
1	0.0	On Site	Tanks	SK13	Tanks (Generic)	Industrial Features
2	0.0	On Site	Tank	SK13	Tanks (Generic)	Industrial Features
3A	0.0	On Site	Howard Town Brewery Ltd	Hawkshead, Hope Street, Glossop, SK13 7SS	Alcoholic Drinks	Foodstuffs
4A	0.0	On Site	Brass Fittings & Supplies Ltd	Hawkshead, Hope Street, Glossop, SK13 7SS	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
5A	0.0	On Site	Hawkshead Mill (Factory)	SK13	Unspecified Works Or Factories	Industrial Features
6	47.0	S	Factory	SK13	Unspecified Works Or Factories	Industrial Features
7	58.0	NW	Tank	SK13	Tanks (Generic)	Industrial Features
8	62.0	NW	Chimney	SK13	Chimneys	Industrial Features
9	63.0	NW	Quarry (Disused)	SK13	Unspecified Quarries Or Mines	Extractive Industries
10	105.0	NW	Tanks	SK13	Tanks (Generic)	Industrial Features
11	160.0	SW	Ground Designs Ltd	1, Bute Street, Glossop, SK13 7PZ	Baby, Nursery and Playground Equipment	Consumer Products
12	175.0	E	Quarry (Disused)	SK13	Unspecified Quarries Or Mines	Extractive Industries
13	179.0	SW	Electricity Sub Station	SK13	Electrical Features	Infrastructure and Facilities
14	206.0	S	Tank	SK13	Tanks (Generic)	Industrial Features
15	222.0	S	Tanks	SK13	Tanks (Generic)	Industrial Features
16	245.0	SW	Factory	SK13	Unspecified Works Or Factories	Industrial Features
17	247.0	SW	Electricity Sub Station	SK13	Electrical Features	Infrastructure and Facilities

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**

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
MG-MDSS	MILLSTONE GRIT GROUP [SEE ALSO MIGR]	MUDSTONE, SILTSTONE AND SANDSTONE
MG-MDSS	MILLSTONE GRIT GROUP [SEE ALSO MIGR]	MUDSTONE, SILTSTONE AND SANDSTONE
KG-SDST	KINDERSCOUT GRIT	SANDSTONE
KG-SDST	KINDERSCOUT GRIT	SANDSTONE
KG-SDST	KINDERSCOUT GRIT	SANDSTONE
MG-MDSS	MILLSTONE GRIT GROUP [SEE ALSO MIGR]	MUDSTONE, SILTSTONE AND SANDSTONE

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

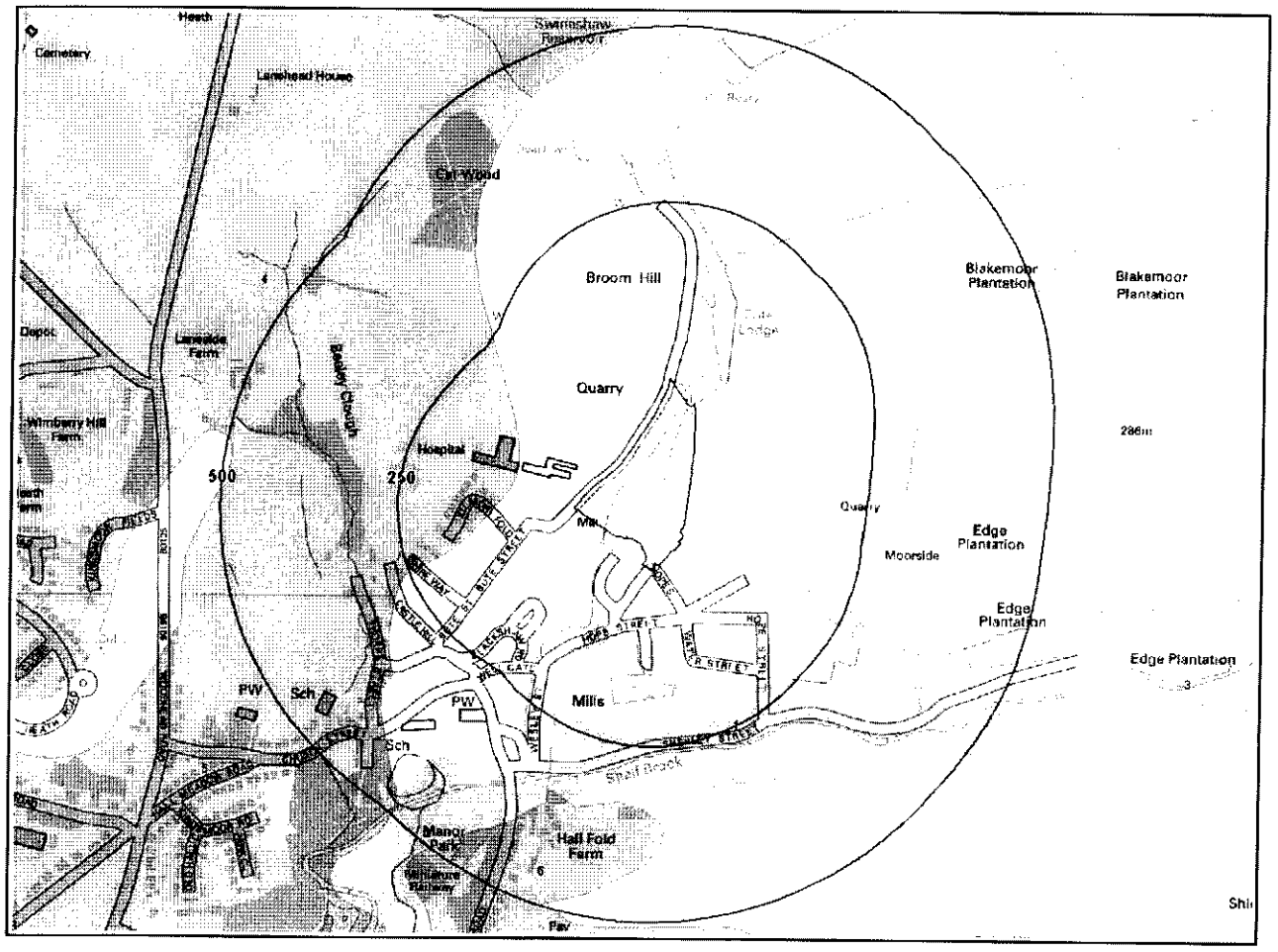
For more detailed geological and ground stability data please refer to the "GroundSure GeoInsight". Available from our website.

5a. Hydrogeology - Aquifer Within Superficial Geology

NW N NE

W E

SW S SE



Aquifer Within Superficial Geology Legend

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Site Outline

Search Buffers (m): 250, 500

Principal Aquifer

Secondary (A) Aquifer - Permeable Layers

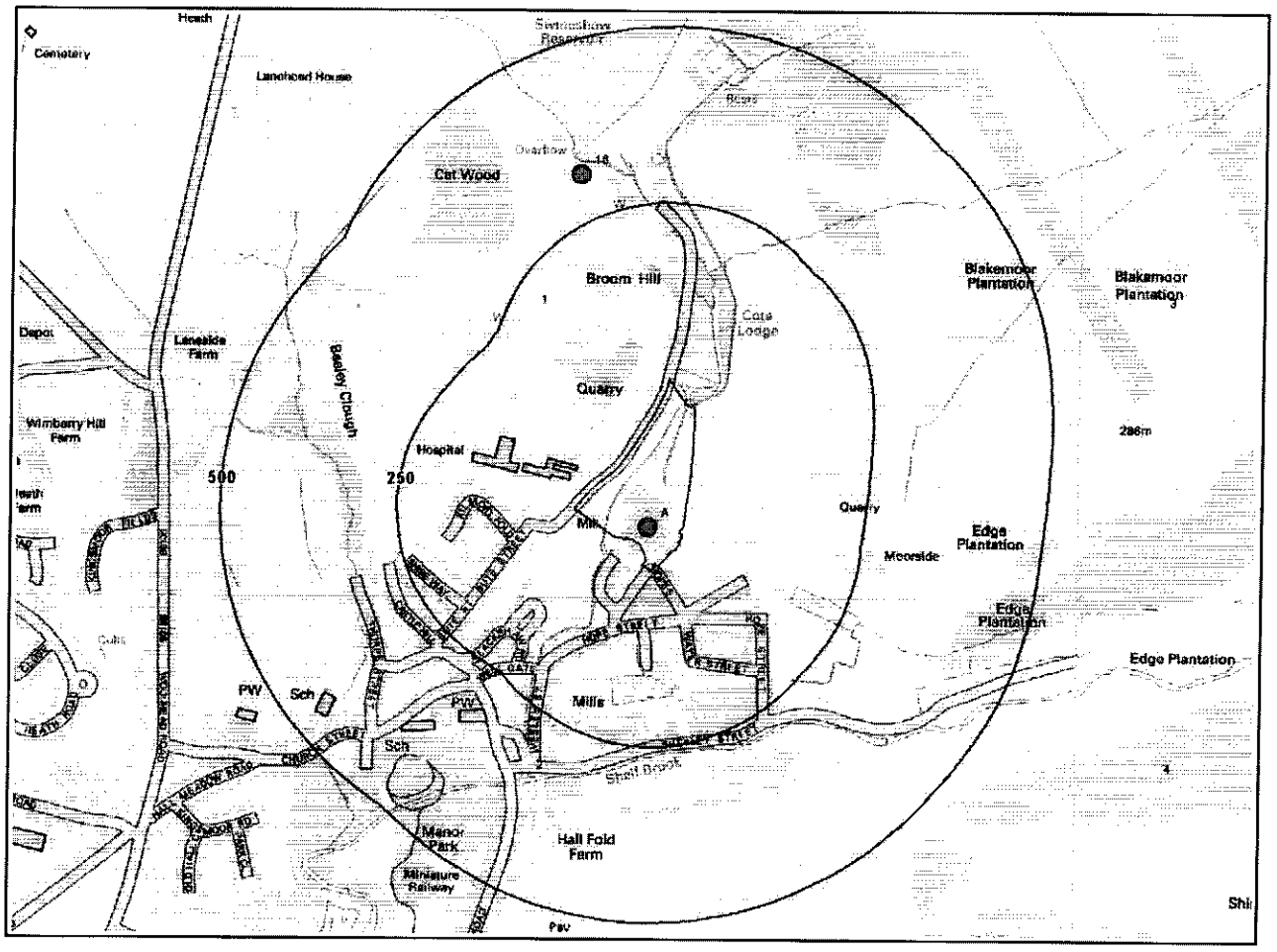
Secondary (B) Aquifer - Lower Permeability Layers

Secondary Aquifer - Undifferentiated Layers

Unproductive

Unknown (lakes and landslip)

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

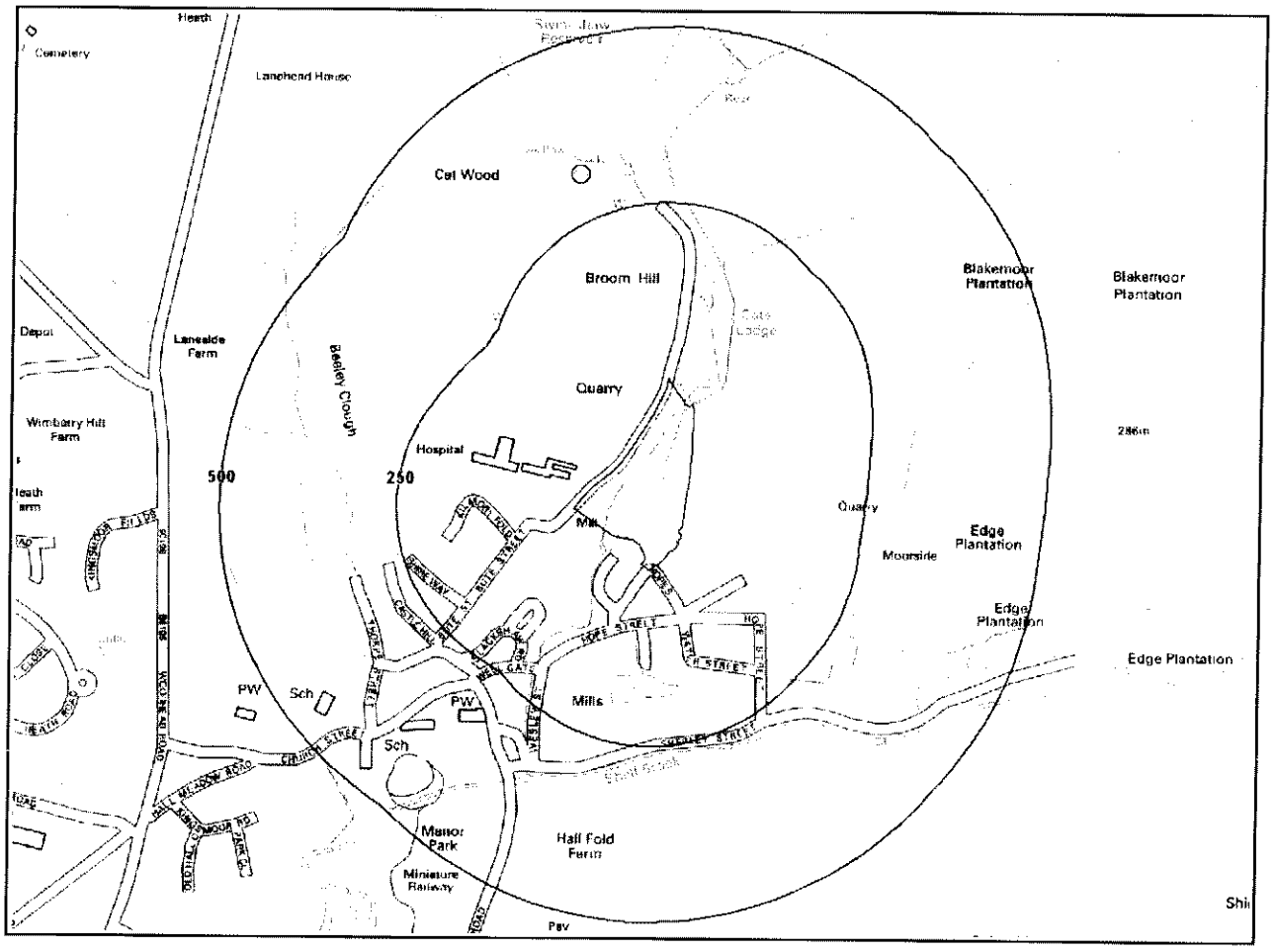


Aquifer Within Bedrock Geology Legend

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- Site Outline
- Search Buffers (m): 250, 500
- Principal Aquifer
- Secondary (A) Aquifer - Permeable Layers
- Secondary (B) Aquifer - Lower Permeability Layers
- Groundwater Abstraction Licence
- Secondary Aquifer - Undifferentiated Layers
- Unproductive
- Unknown (lakes and landslip)
- Surface Water Abstraction Licence

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



SPZ and Potable Water Abstraction Licenses
Legend

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Site Outline

250
500
Search Buffers (m)

Source Protection Zone 1 - Inner Catchment

Source Protection Zone 2 - Outer Catchment

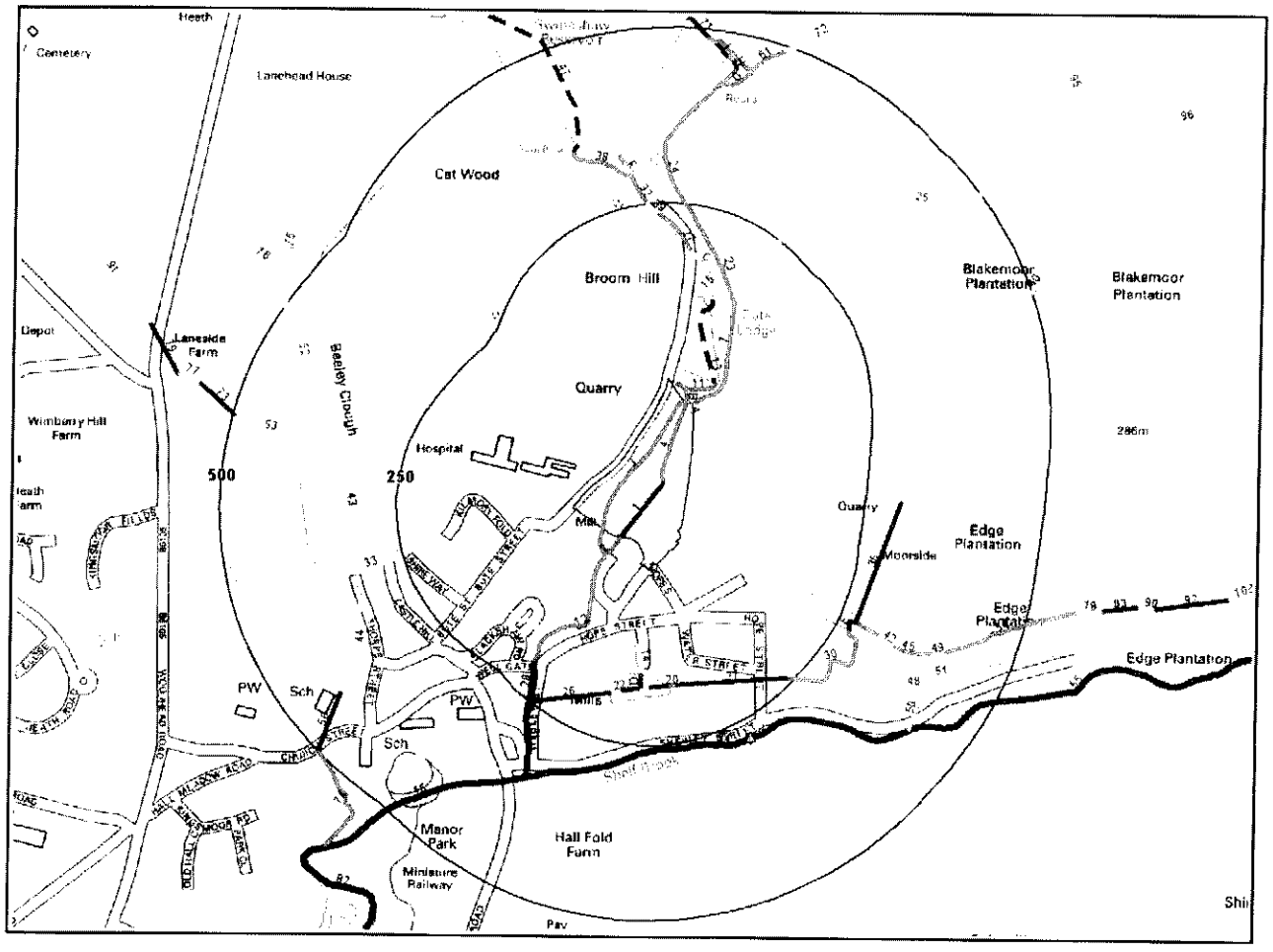
Source Protection Zone 3 - Total Catchment

Source Protection Zone 4 - Zone of Special Interest

Potable Water Abstraction Licence

5d. Hydrology – Detailed River Network and River Quality

NW N NE



W E

SW S SE

Hydrology Legend

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Site Outline

250 / 500 Search Buffers (m)

Primary River
Secondary River
Tertiary River
Lake/Reservoir
Underground River (inferred)
General Quality Assessment Chemistry

Canal
Canal Tunnel
Extended Culvert (greater than 50m)
D/S of High Water Mark
D/S seaward extension
General Quality Assessment Biology

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? **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
4	93.0	NW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
1	98.0	SW	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	281.0	SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	332.0	S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	340.0	SW	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 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
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
2	38.0	S	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	Direction	NGR	Details	
Not shown	1159.0	SW		Licence No: 2569010008 Details: Laundry Use Direct Source: Ground Water - North West Region Point: "borehole At Premises, Glossop" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: CW 0588 Original Start Date: 7/2/1966 Expiry Date: - Issue No: 101 Version Start Date: 18/10/1996 Version End Date:
Not shown	1159.0	SW		Licence No: 2569010008 Details: Laundry Use Direct Source: Ground Water - North West Region Point: Borehole At Premises, Glossop Data Type: Point	Annual Volume (m³): 59098 Max Daily Volume (m³): 227.3 Original Application No: CW 0588 Original Start Date: 7/2/1966 Expiry Date: - Issue No: 101 Version Start Date: 18/10/1996 Version End Date:
Not shown	1381.0	W		Licence No: 2569010027 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: Spring Fed Collecting Tanks (2) At Bettenhill Farm, North R Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 1536 Original Start Date: 7/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 7/2/1966 Version End Date:
Not shown	1381.0	W		Licence No: 2569010027 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "spring Fed Collecting Tanks (2) At Bettenhill Farm, North R" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 1536 Original Start Date: 7/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 7/2/1966 Version End Date:
Not shown	1435.0	NW		Licence No: 2569010017 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "spring Fed Well At Little Padfield Farm, Hadfield, Hyde" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 2035 Original Start Date: 8/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 8/2/1966 Version End Date:
Not shown	1435.0	NW		Licence No: 2569010017 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: Spring Fed Well At Little Padfield Farm, Hadfield, Hyde Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 2035 Original Start Date: 8/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 8/2/1966 Version End Date:
Not shown	1815.0	SW		Licence No: 2569010048 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: Spring At Wren Nest Mill, Glossop Data Type: Point	Annual Volume (m³): 203890 Max Daily Volume (m³): 627.36 Original Application No: 2710 Original Start Date: 5/12/1985 Expiry Date: - Issue No: 102 Version Start Date: 18/8/2004 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	Direction	NGR	Details

12A	0.0	On Site	404400, 395100	Licence No: 2569010014 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "surface, Non-tidal - North West Region" Point: "blackshaw Clough At Premises, Hawkshead Mill, Glossop" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Application No: 2091 Original Start Date: 7/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/2/1991 Version End Date:
13A	0.0	On Site	404400, 395100	Licence No: 2569010014 Details: Process water Direct Source: "surface, Non-tidal - North West Region" Point: "blackshaw Clough At Premises, Hawkshead Mill, Glossop" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Application No: 2091 Original Start Date: 7/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/2/1991 Version End Date:
14A	0.0	On Site	404400, 395100	Licence No: 2569010014 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-tidal - North West Region Point: Blackshaw Clough At Premises, Hawkshead Mill, Glossop Data Type: Point	Annual Volume (m³): 81828 Max Daily Volume (m³): 327.312 Application No: CW2091 Original Start Date: 7/2/1966 Expiry Date: - Issue No: 101 Version Start Date: 1/1/2001 Version End Date:
15A	0.0	On Site	404400, 395100	Licence No: 2569010014 Details: Process water Direct Source: Surface, Non-tidal - North West Region Point: Blackshaw Clough At Premises, Hawkshead Mill, Glossop Data Type: Point	Annual Volume (m³): 81828 Max Daily Volume (m³): 327.312 Application No: CW2091 Original Start Date: 7/2/1966 Expiry Date: - Issue No: 101 Version Start Date: 1/1/2001 Version End Date:
16	316.0	NW	404300, 395600	Licence No: 2569010038 Details: Potable Water Supply - Direct Direct Source: Surface, Non-tidal - North West Region Point: Swineshaw Reservoir Impounding Tribsof Glossop Brk At Glosso Data Type: Point	Annual Volume (m³): 1272880 Max Daily Volume (m³): 4546 Application No: 1684 Original Start Date: 23/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 23/3/1966 Version End Date:
Not shown	1066.0	SW	403900, 394100	Licence No: 2569010005 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "surface, Non-tidal - North West Region" Point: "reservoir Fed By Shelf Brk At Milltown Works, Glossop" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Application No: 618 Original Start Date: 16/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/7/1991 Version End Date:
Not shown	1066.0	SW	403900, 394100	Licence No: 2569010005 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-tidal - North West Region Point: Reservoir Fed By Shelf Brook At Milltown Works Glossop Data Type: Point	Annual Volume (m³): 657533.44 Max Daily Volume (m³): 2400.28 Application No: 0618 Original Start Date: 16/3/1966 Expiry Date: - Issue No: 101 Version Start Date: 22/11/2001 Version End Date:
Not shown	1066.0	SW	403900, 394100	Licence No: 2569010005 Details: Boiler Feed Direct Source: Surface, Non-tidal - North West Region Point: Reservoir Fed By Shelf Brk At Milltown Works, Glossop Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Application No: 618 Original Start Date: 16/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/7/1991 Version End Date:
Not shown	1066.0	SW	403900, 394100	Licence No: 2569010005 Details: Process water Direct Source: Surface, Non-tidal - North West Region Point: Reservoir Fed By Shelf Brk At Milltown Works, Glossop Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Application No: 618 Original Start Date: 16/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/7/1991 Version End Date:
Not shown	1066.0	SW	403900, 394100	Licence No: 2569010005 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-tidal - North West Region Point: Reservoir Fed By Shelf Brk At Milltown Works, Glossop Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Application No: 0618 Original Start Date: 16/3/1966 Expiry Date: - Issue No: 101 Version Start Date: 22/11/2001 Version End Date:

Not shown	1305.0	SE	405200, 394000	Licence No: 2569010045 Details: Spray Irrigation - Direct Direct Source: Surface, Non-tidal - North West Region Point: Hurst Brk At Chapel-en-le-frith Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Application No: 2358 Original Start Date: 16/12/1971 Expiry Date: - Issue No: 100 Version Start Date: 1/1/1988 Version End Date:
Not shown	1524.0	NW	403800, 396700	Licence No: 2569010039 Details: Potable Water Supply - Direct Direct Source: Surface, Non-tidal - North West Region Point: Torside Goyt- Trib Of R Etherow Nearpadfield, Chapel-en-le-f Data Type: Point	Annual Volume (m³): 1642500 Max Daily Volume (m³): 4500 Application No: 1685 Original Start Date: 23/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 13/12/1989 Version End Date:
Not shown	1524.0	NW	403800, 396700	Licence No: 2569010039 Details: Potable Water Supply - Direct Direct Source: "surface, Non-tidal - North West Region" Point: "torside Goyt- Trib Of R Etherow Nearpadfield, Chapel-en-le-f" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Application No: 1685 Original Start Date: 23/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 13/12/1989 Version End Date:
Not shown	1649.0	SE	405500, 393800	Licence No: 2569010040 Details: Potable Water Supply - Direct Direct Source: Surface, Non-tidal - North West Region Point: Hurst Reservoir Impounding Hurst Brkat Glossop Data Type: Point	Annual Volume (m³): 1250150 Max Daily Volume (m³): 3409.5 Application No: 1686 Original Start Date: 22/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 22/3/1966 Version End Date:
Not shown	1760.0	SW	402800, 394200	Licence No: 2569010032 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-tidal - North West Region Point: Glossop Brk At Glossop Data Type: Point	Annual Volume (m³): 203890 Max Daily Volume (m³): 627.4 Application No: 619 Original Start Date: 16/2/1966 Expiry Date: - Issue No: 104 Version Start Date: 7/1/2008 Version End Date:
Not shown	1815.0	SW	402800, 394100	Licence No: 2569010048 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "surface, Non-tidal - North West Region" Point: "spring At Wren Nest Mill, Glossop" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Application No: 2710 Original Start Date: 5/12/1985 Expiry Date: - Issue No: 100 Version Start Date: 5/12/1985 Version End Date:
Not shown	1815.0	SW	402800, 394100	Licence No: 2569010033 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-tidal - North West Region Point: Glossop Brk At Glossop Data Type: Point	Annual Volume (m³): 0 Max Daily Volume (m³): 627.34 Application No: 0619 Original Start Date: 17/2/1966 Expiry Date: - Issue No: 102 Version Start Date: 18/8/2004 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	Details	
1	316.0	NW	404300, 395600	Licence No: 2569010038 Details: Potable Water Supply - Direct Direct Source: Surface, Non-tidal - North West Region Point: Swineshaw Reservoir Impounding Tribsof Glossop Brk At Glosso Data Type: Point	Annual Volume (m³): 1272880 Max Daily Volume (m³): 4546 Original Application No: 1684 Original Start Date: 23/3/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:

Not shown	1524.0	NW	403800, 396700	Licence No: 2569010039 Details: Potable Water Supply - Direct Direct Source: "surface, Non-tidal - North West Region" Point: "torside Goyt- Trib Of R Etherow Nearpadfield, Chapel-en-le-f" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 1685 Original Start Date: 23/3/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1524.0	NW	403800, 396700	Licence No: 2569010039 Details: Potable Water Supply - Direct Direct Source: Surface, Non-tidal - North West Region Point: Torside Goyt- Trib Of R Etherow Nearpadfield, Chapel-en-le-f Data Type: Point	Annual Volume (m³): 1642500 Max Daily Volume (m³): 4500 Original Application No: 1685 Original Start Date: 23/3/1966 Expiry Date: - Issue No: 100 Version Start Date: Version End Date:
Not shown	1649.0	SE	405500, 393800	Licence No: 2569010040 Details: Potable Water Supply - Direct Direct Source: Surface, Non-tidal - North West Region Point: Hurst Reservoir Impounding Hurst Brkat Glossop Data Type: Point	Annual Volume (m³): 1250150 Max Daily Volume (m³): 3409.5 Original Application No: 1686 Original Start Date: 22/3/1966 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 River Quality

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

Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

The following Biological Quality records are shown on the Hydrology Map (5d):

ID	Distance [m]	Direction	NGR	River Details	Biological Quality Grade				
					2005	2006	2007	2008	2009
128J	278.0	SE	404550, 394800	River Name: Glossop Bk Reach: Old Glossop To Etherow End/Start of Stretch: Start of Stretch NGR	C	C	D	D	D
129J	278.0	SE	404550, 394800	River Name: Shelf Bk Reach: Qsl At Yellowstacks Bk. To Old Glossop End/Start of Stretch: End of Stretch NGR	C	C	D	D	D

Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAHI). In England, each chemical sample is measured for ammonia and dissolved oxygen. In Wales, the samples are measured for biological oxygen demand (BOD), ammonia and dissolved oxygen. The results are graded from A ('Very Good') to F ('Bad').

The following Chemical Quality records are shown on the Hydrology Map (5d):

ID	Distance [m]	Direction	NGR	River Details	Chemical Quality Grade (Headline Indicator) 2005	2006	2007	2008	2009
130J	278.0	SE	404550, 394800	River Name: Glossop (shelf) Bk. Reach: Old Glossop To Etherow End/Start of Stretch: Start of Stretch NGR	A	A	A	A	A

5.8 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	Direction	Details
1	0.0	On Site	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Extended Culvert (greater than 50m) Catchment: - Drain: NO Main River Status: Currently Undefined
2	0.0	On Site	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
3	0.0	On Site	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
4	0.0	On Site	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
5A	0.0	On Site	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Tertiary River Catchment: - Drain: YES Main River Status: Currently Undefined
6A	1.0	N	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
7	1.0	N	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
8A	1.0	N	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
9B	1.0	E	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
10B	6.0	NE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
11	11.0	NE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
12	32.0	S	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
13	42.0	NE	River Name: Cote Lodge Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Lake/Reservoir Catchment: - Drain: NO Main River Status: Currently Undefined
14	108.0	S	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: - River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined

15	127.0	NE	River Name: -	River Type: Tertiary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
16D	147.0	S	River Name: -	River Type: Lake/Reservoir
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
17C	159.0	N	River Name: -	River Type: Tertiary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
18C	159.0	N	River Name: -	River Type: Tertiary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
19D	167.0	S	River Name: -	River Type: Lake/Reservoir
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
20	167.0	S	River Name: -	River Type: Secondary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
21	168.0	S	River Name: -	River Type: Extended Culvert (greater than 50m)
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
22	170.0	S	River Name: -	River Type: Lake/Reservoir
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
23	175.0	NE	River Name: -	River Type: Secondary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
24	175.0	NE	River Name: Drain	River Type: Secondary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: YES
			Alternative Name: -	Main River Status: Currently Undefined
25	181.0	NE	River Name: -	River Type: Tertiary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
26	183.0	S	River Name: -	River Type: Extended Culvert (greater than 50m)
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
27	185.0	N	River Name: -	River Type: Secondary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
28	205.0	SW	River Name: -	River Type: Primary River
			Water Course Name: BLACKSHAW CLOUGH	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
29	236.0	N	River Name: -	River Type: Tertiary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
30	243.0	SE	River Name: -	River Type: Secondary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
31	250.0	SW	River Name: Shelf Brook	River Type: Primary River
			Water Course Name: BLACKSHAW CLOUGH	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
32	253.0	N	River Name: -	River Type: Secondary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
33	254.0	W	River Name: -	River Type: Tertiary River
			Water Course Name: -	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined
34	255.0	S	River Name: Shelf Brook	River Type: Primary River
			Water Course Name: SHELF BROOK	Catchment: -
			Welsh River Name: -	Drain: NO
			Alternative Name: -	Main River Status: Currently Undefined

35E	266.0	SE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Lake/Reservoir Catchment: - Drain: NO Main River Status: Currently Undefined
36	273.0	E	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Extended Culvert (greater than 50m) Catchment: - Drain: NO Main River Status: Currently Undefined
37E	274.0	SE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
38	294.0	N	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
39F	294.0	N	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: YES Main River Status: Currently Undefined
40	299.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: YES Main River Status: Currently Undefined
41F	310.0	N	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
42	311.0	SE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
43	313.0	W	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
44	320.0	W	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
45	336.0	SE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
46	342.0	SW	River Name: Shelf Brook Water Course Name: SHELF BROOK Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
47	349.0	NW	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Lake/Reservoir Catchment: - Drain: NO Main River Status: Currently Undefined
48	385.0	SE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
49	389.0	SE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
50	393.0	SE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
51	393.0	SE	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
52	393.0	W	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
53	393.0	W	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
54	405.0	E	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined

55	418.0	SE	River Name: Shittern Clough Water Course Name: SHELF BROOK Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
56	419.0	SW	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Extended Culvert (greater than 50m) Catchment: - Drain: NO Main River Status: Currently Undefined
57G	427.0	N	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
58G	428.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
59H	449.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Lake/Reservoir Catchment: - Drain: NO Main River Status: Currently Undefined
60H	453.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
61	456.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
62H	460.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
63H	463.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
64H	463.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
65I	465.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Lake/Reservoir Catchment: - Drain: NO Main River Status: Currently Undefined
66I	469.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
67I	480.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
68I	481.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
69I	481.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
70I	486.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
71	489.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Extended Culvert (greater than 50m) Catchment: - Drain: NO Main River Status: Currently Undefined
72	493.0	N	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
73	496.0	W	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Extended Culvert (greater than 50m) Catchment: - Drain: NO Main River Status: Currently Undefined
74	499.0	SW	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined

5.9 Surface Water Features

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

The following surface water records are not represented on mapping:

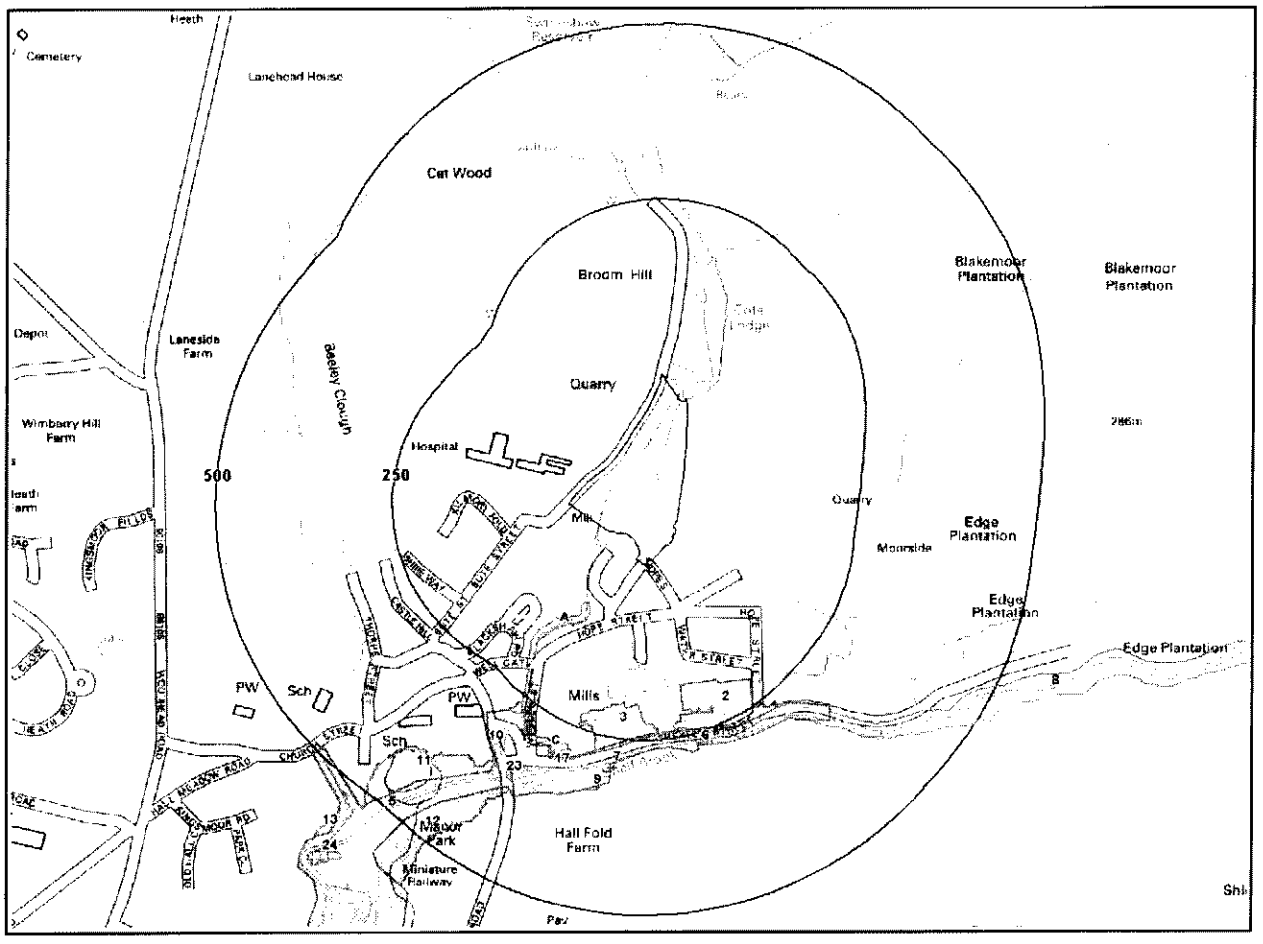
Distance to Surface Water (m)	on-site	0-50	51-250
Surface water features within 250m of the study site	Yes	Yes	Yes

6. Environment Agency Flood Map

NW ▲ N NE

◄W E►

SW ▼ S SE



Environment Agency Flood Legend

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Site Outline

250
500
Search Buffers (m)

Zone 2 Floodplain

Zone 3 Floodplain

Flood Storage Area

Area Benefiting from Flood Defences

Flood Defences

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? **Yes**

The following floodplain records are represented as green shading on the Flood Map:

ID	Distance	Direction	Update	Type
1A	91.0	SW	16-Mar-2012	Zone 2 - (Fluvial Models)
2	177.0	S	16-Mar-2012	Zone 2 - (Fluvial Models)
3	197.0	S	16-Mar-2012	Zone 2 - (Fluvial Models)
4B	214.0	SW	16-Mar-2012	Zone 2 - (Fluvial Models)
5	236.0	S	16-Mar-2012	Zone 2 - (Fluvial Models and Fluvial Events)

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? **Yes**

The following floodplain records are represented as blue shading on the Flood Map:

ID	Distance	Direction	Update	Type
16A	91.0	SW	16-Mar-2012	Zone 3 - (Fluvial Models)
17	214.0	SW	16-Mar-2012	Zone 3 - (Fluvial Models)

6.3 Flood Defences

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

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**

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

6.7 Groundwater Flooding Confidence Areas

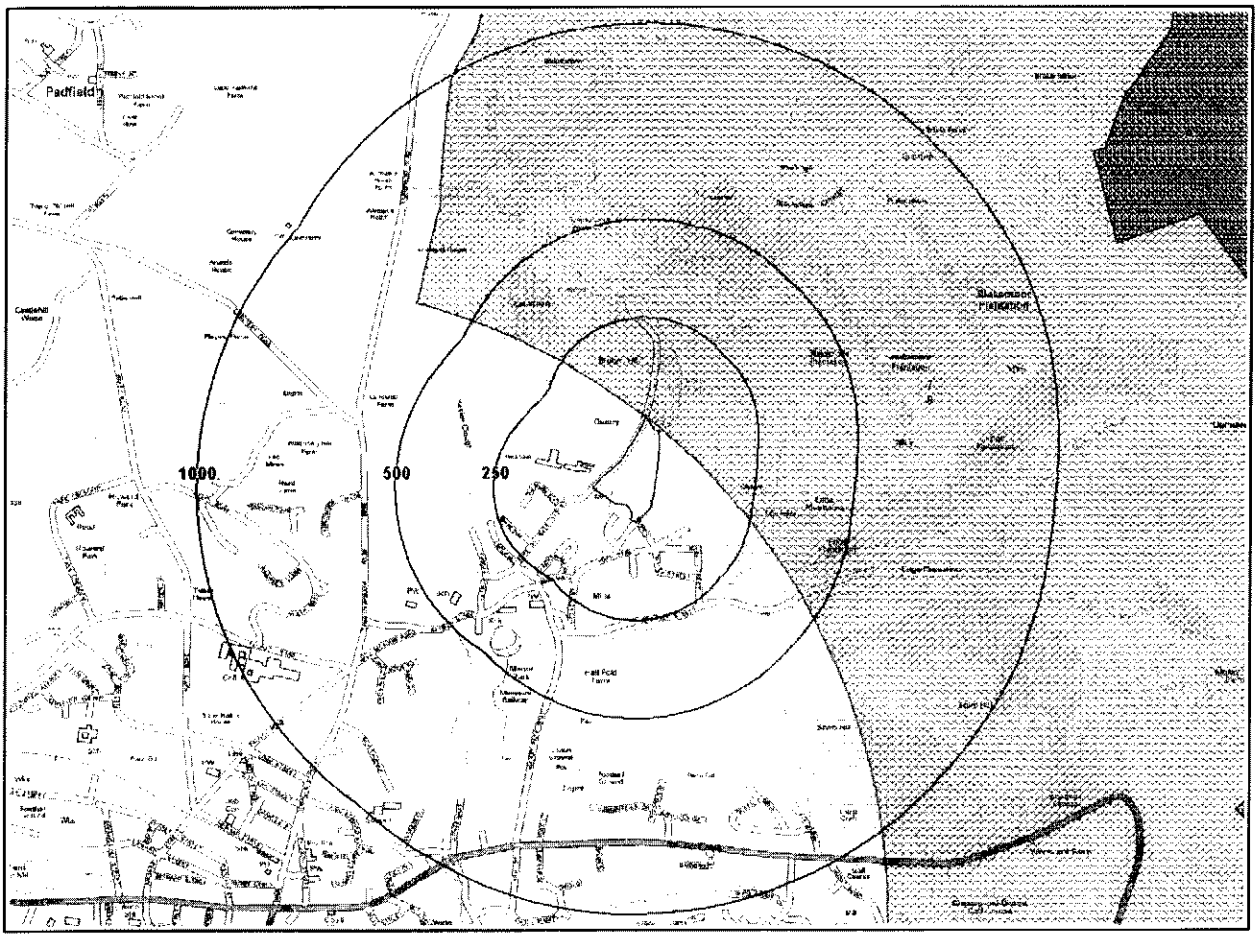
What is the British Geological Survey confidence rating in this result?	**Low**

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



Designated Environmentally Sensitive Sites Legend

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Site Outline

250
500
Search Buffers (m)

SAC

SSSI

NNR

World Heritage Sites

SPA

Ramsar

LNR

Environmentally Sensitive Areas

Areas of Outstanding Natural Beauty

Nitrate Sensitive Areas

National Parks

7.Designated Environmentally Sensitive Sites

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

Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site: **2**

The following Site of Special Scientific Interest (SSSI) 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	Direction	SSSI Name	Data Source
5A	1238.0	NE	The Dark Peak	Natural England
Not shown	1606.0	SE	The Dark Peak	Natural England

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

Database searched and no data found.

Records of Special Areas of Conservation (SAC) within 2000m of the study site: **2**

The following Special Area of Conservation (SAC) 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	Direction	SAC Name	Data Source
1A	1238.0	NE	South Pennine Moors	Natural England
Not shown	1606.0	SE	South Pennine Moors	Natural England

Records of Special Protection Areas (SPA) within 2000m of the study site: **2**

The following Special Protection Area (SPA) 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	Direction	SPA Name	Data Source
3A	1238.0	NE	Peak District Moors (South Pennine Moors Phase 1)	Natural England
Not shown	1606.0	SE	Peak District Moors (South Pennine Moors Phase 1)	Natural England

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

Database searched and no data found.

Records of Local Nature Reserves (LNR) within 2000m of the study site: **0**

Database searched and no data found.

Records of World Heritage Sites within 2000m of the study site: **0**

Database searched and no data found.

Report Reference: S EMS-169384_250546

Records of Environmentally Sensitive Areas within 2000m of the study site: **1**

The following Environmentally Sensitive Area records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance	Direction	ESA Name	Data Source
8	0.0	On Site	North Peak	Natural England

Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site: **0**

Database searched and no data found.

Records of National Parks (NP) within 2000m of the study site: **1**

The following National Park (NP) records provided by Natural England/Countryside Council for Wales/Scottish Natural Heritage are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance	Direction	NP Name	Data Source
7	0.0	On Site	Peak District	Natural England

Records of Nitrate Sensitive Areas within 2000m of the study site: **0**

Database searched and no data found.

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? **Very Low**

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

Hazard
Ground conditions predominantly low plasticity. 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 due to potential problems with shrink-swell clays.

8.1.2 Landslides

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

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

Hazard	
Possibility of slope instability problems after major changes in ground conditions. Consideration should be given to stability if changes to drainage or excavations take place. Possible increase in construction cost to reduce potential slope stability problems.	
Existing property	no significant increase in insurance risk due to natural slope instability problems.

8.1.3 Soluble Rocks

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

Soluble rocks are not present in the search area. 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.

8.1.6Running Sand

What is the maximum Running Sand* 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 running sand identified. 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**

Database searched and no data found.

10.Contacts

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

British Geological Survey (England & Wales)
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

Health Protection Agency
Chilton, Didcot, Oxon, OX11 0RQ
Tel: 01235 822622 www.hpa.org.uk/radiation
Radon measures and general radon information and guidance

The Coal Authority
200 Lichfield Lane, Mansfield, Notts NG18 4RG
Tel: 0845 762 6848
DX 716176 Mansfield 5
Web: www.groundstability.com

Ordnance Survey
Romsey Road
Southampton SO16 4GU
Tel: 08456 050505

Local Authority
Authority: High Peak Borough Council
Phone: 0845 129 7777
Web: www.highpeak.gov.uk
Address: Council Offices, Hayfield Road, Chapel-en-le-Frith, SK23 0QJ

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

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Standard Terms and Conditions

1 Definitions

In these conditions unless the context otherwise requires:
"Beneficiary" means the Client or the customer of the Client for whom the Client has procured the Services.
"Commercial" means any building which is not Residential.
"Commission" means an order for Consultancy Services submitted by a Client.
"Consultancy Services" mean consultancy services provided by GroundSure including, without limitation, carrying out interpretation of third party and in-house environmental data, provision of environmental consultancy advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.
"Contract" means the contract between GroundSure and the Client for the performance of the Services which arises upon GroundSure's acceptance of an Order or Commission and which shall incorporate these conditions, the relevant GroundSure User Guide, proposal by GroundSure and the content of any subsequent report, and any agreed amendments in accordance with clause 11.
"Client" means the party that submits an Order or Commission.
"Data Provider" means any third party providing Third Party Content to GroundSure.
"Data Report" means reports comprising factual data with no professional interpretation in respect of the level of likely risk and/or liability available from GroundSure.
"GroundSure" means GroundSure Limited, a company registered in England and Wales under number 03421028 and whose registered office is at Greater London House, Hampstead Road, London NW1 7EJ.
"GroundSure Materials" means all materials prepared by GroundSure as a result of the provision of the Services, including but not limited to Data Reports, Mapping and Risk Screening Reports.
"Intellectual Property" means any patent, copyright, design rights, service marks, moral rights, data protection rights, know-how, trade mark or any other intellectual property rights.
"Mapping" an historical map or a combination of historical maps of various ages, time periods and scales available from GroundSure.
"Order" means an order form submitted by the Client requiring Services from GroundSure in respect of a specified Site.
"Order Website" means online platform via which Orders may be placed.
"Report" means a Risk Screening Report or Data Report for commercial or residential property available from GroundSure relating to the Site prepared in accordance with the specifications set out in the relevant User Guide.
"Residential" means any building used as or suitable for use as an individual dwelling.
"Risk Screening Report" means one of GroundSure's risk screening reports, comprising factual data with interpretation in respect of the level of likely risk and/or liability, excluding **"Consultancy Services"**.
"Services" means the provision of any Report, Mapping or Consultancy Services which GroundSure has agreed to carry out for the Client/Beneficiary on these terms and conditions in respect of the Site.
"Site" means the landsite in respect of which GroundSure provides the Services.
"Third Party Content" means any data, database or other information contained in a Report or Mapping which is provided to GroundSure by a Data Provider.
"User Guide" means the relevant current version of the user guide, available upon request from GroundSure.

2 Scope of Services

2.1 GroundSure agrees to carry out the Services in accordance with the Contract and to the extent set out therein.
2.2 GroundSure shall exercise all the reasonable skill, care and diligence to be expected of experienced environmental consultants in the performance of the Services.
2.3 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 the Contract.
2.4 Terms and conditions appearing on a Client's order form, printed stationery or other communication, including invoices, to GroundSure, its employees, servants, agents or other representatives or any terms implied by custom, practice or course of dealing shall be of no effect and these terms and conditions shall prevail over all others.
2.5 If a Client/Beneficiary requests insurance in conjunction with or as a result of the Services, GroundSure shall use reasonable endeavours to procure such insurance, but makes no warranty that such insurance shall be available from insurers or offered on reasonable terms. GroundSure does not endorse or recommend any particular insurance product, policy or insurer. Any insurance purchased shall be subject solely to the terms of the policy issued by insurers and GroundSure will have no liability therefor. The Client/Beneficiary should take independent advice to ensure that the insurance policy requested and/or offered is suitable for its requirements.
2.6 GroundSure's quotations/proposals are valid for a period of 30 days only. GroundSure reserves the right to withdraw any quotation at any time before GroundSure accepts an Order or Commission. GroundSure's acceptance of an Order or Commission shall be effective only where such acceptance is in writing and signed by GroundSure's authorised representative or where accepted via GroundSure's Order Website.

3 The Client's obligations

3.1 The Client shall ensure the Beneficiary complies with and is bound by the terms and conditions set out in the Contract and shall provide that Groundsure may in its own right enforce such terms and conditions against the Beneficiary pursuant to the Contracts (Rights of Third parties) Act 1999. The Client shall be liable for all breaches of the Contract by the Beneficiary as if they were breaches by the Client. The Client shall be solely responsible for ensuring that the Report/Mapping ordered is appropriate and suitable for the Beneficiary's needs.
3.2 The Client shall (or shall procure that the Beneficiary shall) supply to GroundSure as soon as practicable and without charge all information necessary and accurate relevant data including any specific and/or unusual environmental information relating to the Site known to the Client/Beneficiary which may pertain to the Services and shall give such assistance as GroundSure shall reasonably require in the performance of the Services (including, without limitation, access to a Site, facilities and equipment as agreed in the Contract).
3.3 Where Client/Beneficiary approval or decision is required, such approval or decision shall be given or procured in reasonable time as not to delay or disrupt the performance of any other part of the Services.
3.4 The Client shall not and shall not knowingly permit the Beneficiary to, save as expressly permitted by these terms and conditions, re-sell, alter, add to, amend or use out of context the content of any Report, Mapping or, in respect of any Services, information given by GroundSure. For the avoidance of doubt, the Client and Beneficiary may make the Report, Mapping or GroundSure's findings available to a third party who is considering acquiring the whole or part of the Site, or providing funding in relation to the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.
3.5 The Client is responsible for maintaining the confidentiality of its user name and password if using GroundSure's internet ordering service and accepts responsibility for all activity that occurs under such account and password.

4 Reliance

4.1 Upon full payment of all relevant fees and subject to the provisions of these terms and conditions, the Client and Beneficiary are granted an irrevocable royalty-free licence to access the information contained in a Report, Mapping or in a report prepared by GroundSure in respect of or arising out of Consultancy Services. The Services may only be used for the benefit of the Client and those persons listed in clauses 4.2 and 4.3.
4.2 In relation to Data Reports, Mapping and Risk Screening Reports, the Client shall be entitled to make Reports available to (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 (v) the professional advisers and lenders of the first purchaser or tenant of the Site. Accordingly GroundSure shall have the same duties and obligations to those persons in respect of the Services as it has to the Client and those persons shall have the benefit of any of the Client's rights under the Contract as if those persons were parties to the Contract. For the avoidance of doubt, the limitations of GroundSure's liability as set out in clauses 7 and 11.6 shall apply.
4.3 In relation to Consultancy Services, reliance shall be limited to the Client, Beneficiary and named parties on the Report.
4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise agreed in writing with GroundSure, any other party considering the information supplied by GroundSure as part of the Services, including (but not limited to) insurance underwriters, does so at their own risk and GroundSure has no legal obligations to such party unless otherwise agreed in writing.
4.5 The Client shall not and shall not knowingly permit any person (including the Beneficiary) who is provided with a copy of any Report, (except as permitted herein or by separate agreement with GroundSure) to,: (a) remove, suppress or modify any trade mark, copyright or other proprietary marking from the Report or Mapping; (b) create any product which is derived directly or indirectly from the data contained in the Report or Mapping; (c) combine the Report or Mapping with, or incorporate the Report or Mapping into any other information data or service; or (d) re-format or otherwise change (whether by modification, addition or enhancement) data or images contained in the Report or Mapping.
4.6 Notwithstanding clause 4.5, if the Client acts in a professional capacity, it may make reasonable use of a Report and/or findings made as a result of Consultancy Services to advise Beneficiaries. However, GroundSure shall have no liability in respect of any opinion or report given to such Beneficiaries by the Client or a third party.

5 Fees and Disbursements

5.1 GroundSure shall charge the Client fees at the rate and frequency specified in the Contract together, in the case of Consultancy Services, with all proper disbursements incurred by GroundSure in performing the Services. For the avoidance of doubt, the fees payable for the Services are as set out in GroundSure's written proposal, Order Website or Order acknowledgement form. 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.
5.2 Unless GroundSure requires prepayment, the Client shall promptly pay all fees disbursements and other monies due to GroundSure in full without deduction, counterclaim or set off together with such value added tax or other tax as may be required within 30 days from the date of GroundSure's invoice or such other period as may be agreed in writing between GroundSure and the Client (**"Payment Date"**). GroundSure reserves the right to charge interest which shall accrue on a daily basis from 30 days after the date of Payment Date until the date of payment (whether before or after judgment) at the rate of five per cent per annum above the Bank of England base rate from time to time.
5.3 In the event that the Client disputes the amount payable in respect of GroundSure's invoice it shall notify GroundSure no later than 28 days after the date thereof that it is in dispute. In default of such notification the Client shall be deemed to have agreed the amount thereof. As soon as reasonably practicable following receipt of a notification in respect of any disputed invoice, a member of the management team at GroundSure shall contact the Client and the parties shall use all reasonable endeavours to resolve the dispute.

6 Intellectual Property and Confidentiality

6.1 Subject to the provisions of clause 4.1, the Client and the Beneficiary hereby acknowledge that all Intellectual Property in the Services and Content are and shall remain owned by either GroundSure or the Data Providers and nothing in these terms purports to transfer or assign any rights to the Client or the Beneficiary in respect of the Intellectual Property.
6.2 The Client shall acknowledge the ownership of the **Third Party** Content where such **Third Party** Content is incorporated or used in the Client's own documents, reports, systems or services whether or not these are supplied to a third party.
6.3 Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.
6.4 The Client acknowledges that the proprietary rights subsisting in copyright, database rights and any other intellectual property rights in respect of any data and information contained in any Report are and shall remain (subject to clause 11.1) the property of GroundSure and/or any third party that has supplied data or information used to create a Report, and that these conditions do not purport to grant, assign or transfer any such rights in respect thereof to a Client and/or a Beneficiary.
6.5 The Client shall (and shall procure that any recipients of the Report as permitted under clause 4.2 shall):
(i) not remove, suppress or modify any trademark, 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 data contained in 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; and
(v) not reformat or otherwise change (whether by modification, addition or enhancement), data contained in the Services (save that those acting in a professional capacity to the Beneficiary shall not be in breach of this clause 6.5(v) where such reformatting is in the normal course of providing advice based upon the Services),
in each case of parts (iii) to (v) inclusive, whether or not such product or report is produced for commercial profit or not.

6.6 The Client and/or Beneficiary shall and shall procure that any party 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.

6.8 Save as otherwise set out in these terms and conditions, any information provided by one party (**"Disclosing Party"**) to the other party (**"Receiving Party"**) shall be treated as confidential and only used for the purposes of these terms and conditions, except in so far as the Receiving Party is authorised by the Disclosing Party to provide such information in whole or in part to a third party.

7 Liability

THE CLIENT'S ATTENTION IS DRAWN TO THIS PROVISION

7.1 Subject to the provisions of this clause 7, GroundSure shall be liable to the Beneficiary only in relation to any direct losses or damages caused by any negligent act or omission of GroundSure in preparing the GroundSure Materials and provided that the Beneficiary has used all reasonable endeavours to mitigate any such losses.

7.2 GroundSure shall not be liable for any other losses or damages incurred by the Beneficiary, including but not limited to:
(i) loss of profit, revenue, business or goodwill, losses relating to business interruption, loss of anticipated savings, loss of or corruption to data or for any special, indirect or consequential loss or damage which arise out of or in connection with the GroundSure Materials or otherwise in relation to a Contract;
(ii) any losses or damages that arise as a result of the use of all or part of the GroundSure Materials in breach of these terms and conditions or contrary to the terms of the relevant User Guide;
(iii) any losses or damages that arise as a result of any error, omission or inaccuracy in any part of the GroundSure Materials where such part is based on any Third Party Content or any reasonable interpretation of Third Party Content. The Client accepts, and shall procure that any other Beneficiary shall accept, that it has no claim or recourse to any Data Provider in relation to Third Party Content; and/or
(iv) any loss or damage to a Client's computer, software, modem, telephone or other property caused by a delay or loss of use of GroundSure's internet ordering service.

7.3 GroundSure's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the GroundSure Materials or otherwise in relation to the Contract shall be limited to £10 million in total (i) for any one claim or (ii) for a series of connected claims brought by one or more parties.

7.4 For the duration of the liability periods set out in clauses 7.5 and 7.6 below, GroundSure shall maintain professional indemnity insurance in respect of its liability under these terms and conditions provided such insurance is readily available at commercially viable rates. GroundSure shall produce evidence of such insurance if reasonably requested by the Client. A level of cover greater than GroundSure's current level of cover may be available upon request and agreement with the Client.

7.5 Any claim under the Contract in relation to Data Reports, Mapping and Risk Screening Reports, must be brought within six years from the date when the Beneficiary became aware that it may have a claim and in no event may a claim be brought twelve years or more after completion of such a Contract. For the avoidance of doubt, any claim in respect of which proceedings are notified to GroundSure in writing prior to the expiry of the time periods referred to in this clause 7.5 shall survive the expiry of those time periods provided the claim is actually commenced within six months of notification.

7.6 Any claim under the Contract in relation to Consultancy Services, must be brought within six years from the date the Consultancy Services were completed.

7.7 he Client accepts and shall procure that any other Beneficiary shall accept that it has no claim or recourse to any Data Provider or to GroundSure in respect of the acts or omissions of any Data Provider and/or any Third Party Content provided by a Data Provider.

7.8 Nothing in these terms and conditions:
(i) excludes or limits the liability of GroundSure for death or personal injury caused by GroundSure's negligence, or for fraudulent misrepresentation; or
(ii) shall affect the statutory rights of a consumer under the applicable legislation.

8 GroundSure right to suspend or terminate

8.1 In the event that GroundSure reasonably believes that the Client or Beneficiary as applicable has not provided the information or assistance required to enable the proper performance of the Services, GroundSure shall be entitled on fourteen days written notice to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 GroundSure may additionally terminate the Contract immediately on written notice in the event that:
(I) the Client shall fail to pay any sum due to GroundSure within 28 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 material term of the Contract (including, but not limited to, the obligations in clause 4) incapable of remedy or if remediable, is not remedied within 14 days of notice of the breach.

9 Client's Right to Terminate and Suspend

9.1 Subject to clause 10.2, the Client may at any time after commencement of the Services by notice in writing to GroundSure require GroundSure to terminate or suspend immediately performance of all or any of the Services.

9.2 The Client waives all and any right of cancellation it may have under the Consumer Protection (Distance Selling) Regulations 2000 (as amended) in respect of the Order of a Report/Mapping. This does not affect the Beneficiary's statutory rights.

10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination or any suspension of the Services, 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/Beneficiary any property of the Client/ Beneficiary in GroundSure's possession or control.

10.2 In the event of termination/suspension of the Contract under clauses 8 or 9, 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/suspension. In respect of any Consultancy Services provided, the Client shall also pay GroundSure any additional costs incurred in relation to the termination/suspension of the Contract.

11 General

11.1 The mapping contained in the Services is protected by Crown copyright and must not be used for any purpose outside the context of the Services or as specifically provided in these terms.

11.2 GroundSure reserves the right to amend these terms and conditions. No variation to these terms shall be valid unless signed by an authorised representative of GroundSure.

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

11.4 Save as expressly provided in clauses 4.2, 4.3, 6.3 and 11.5, 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.

11.5 The Secretary of State for Communities and Local Government acting through Ordnance Survey may enforce breach of clause 6.1 of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

11.6 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 Data Providers; or
(viii) changes in law.

11.7 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.

11.8 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email and on the second working day after the day of posting if sent by first class post.

11.9 The Contract constitutes the entire contract between the parties and shall supersede all previous arrangements between the parties.

11.10 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.

11.11 These terms and conditions shall be governed by and construed in accordance with English law and any proceedings arising out of or connected with these terms and conditions shall be subject to the exclusive jurisdiction of the English courts.

11.12 If the Client or Beneficiary has a complaint about the Services, notice can be given in any format eg writing, phone, email to the Compliance Officer at GroundSure who will respond in a timely manner.

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