

Land off Shaftesbury Street

RB Geotechnical

Phase I Desk Study Report

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July 2026

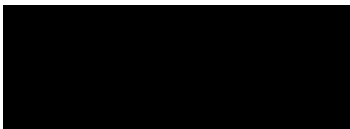
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Document Control

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Client: Douglas Ward
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Prepared and Issued by Ross Blake BSc MSc FGS, Engineer. Signed:



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Disclaimer

This report was produced by **RB Geotechnical** for Douglas Ward (The client) for the specific purposes of a Phase I Desk Study related to the proposed change of use to a Gypsy and Traveller site at the Land off Shaftesbury Street in Stairfoot, Barnsley. This report may not be used by anyone else other than the client without their express permission. In any event, **RB Geotechnical** accepts no liability for any costs, liabilities or losses arising from the use of reliance upon the contents of this report by anyone other than the client.

1.0 Introduction

RB Geotechnical was commissioned by the client to carry out a Phase I Desk Study at the site relating to the proposed change of use to a Gypsy and Traveller site at the Land off Shaftesbury Street in Stairfoot, Barnsley.

1.1 Aims and Scope

The principal aims of this Phase I Desk Study is to interpret information pertaining to the site, obtained during a desk-based review of available data for the site.

The scope of this study is as follows:

- To provide general information on the site such as location and description;
- To discuss the geology, hydrogeology and hydrology at, and in the vicinity of, the site;
- To summarise the environmental setting of the site; e.g., landfills, permits and sensitive land uses;
- To summarise potential geotechnical risks associated with the site;
- To provide a preliminary summary of potential coal mining risks to the site;
- To discuss and summarise any historical development that have occurred at the site and in the surrounding area;
- To assess potential contamination issues pertaining to the site with consideration of the site's historic use;
- To develop an initial conceptual model linking sources of potential contamination with pathways and receptors; and
- To provide a preliminary risk assessment for the current and proposed end use of the site.

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Please note that this Phase I Desk Study excludes an assessment of risks arising from asbestos, unexploded ordnance and/or invasive species.

1.2 Terms and Conditions

This report has been prepared for the client in support of a planning application for the proposed change of use of land to a Gypsy and Traveller site at Land off Shaftesbury Street in Stairfoot, Barnsley.

1.3 Sources of information

Information on the site layout and current land use of the site is mainly based on information collected from online sources and photos from other sources.

An environmental database search was undertaken by GroundSure to provide supplementary Environmental information for the site and surrounding area. This was collated into an Insight Report by Ground Sure and as such the potential for further data to exist cannot be ruled out.

The existing database and other sources of which this study is based comprise:

- GroundSure EnviroInsight Report, Land at Shaftesbury Street, 27th July 2026– Appendix A;
- GroundSure 1:10,000 Historical Maps, Land at Shaftesbury Street, 27th July 2026 - Appendix B
- GroundSure 1:2,500 Historical Maps, Land at Shaftesbury Street, 27th July 2026 - Appendix B
- Environment Agency website (www.environment-agency.gov.uk);
- British Geological Survey (BGS) Geoindex website (www.bgs.ac.uk/geoindex)
- Coal Authority Interactive Viewer (www.mapapps2.bgs.ac.uk/coalauthority/home.html)

Although every effort has been made to ensure the accuracy of the information contained herein, no checks have been carried out to ensure the accuracy of information obtained from third parties and no liability can be accepted for any errors or misinterpretation of the third-party information where it has been incorporated into this report.

2.0 Site Details

2.1 Site Location and Description

The 0.04ha site is situated on Shaftesbury Street in Stairfoot, Barnsley, at a small square plot of land with access off Shaftesbury Street to the East into an area of gravel hardstanding with a static caravan situated along the Western site boundary. The site is bound in all directions by fencing, with a gate to access the site.

The surrounding area to the East is marked by terraced houses, with Industrial buildings located to the North West.

The National Grid Reference for the centre of the site is 437004, 405744.

2.2 Proposed Development Plan

The proposed development is to comprise slight relocation of the existing static caravan, along the construction of a small rectangular brick built 'Day Room' and bathroom. Proposed Development plan is shown in Appendix C.

3.0 Site History

3.1 History of site and surrounding area

Information relating to the historical development of the site and the surrounding area has been obtained from Historical Ordnance Survey Maps (1:10,000 and 1:2,500). These are presented in Appendix B.

Table 3.1 Summary of on-site and surrounding area history

Map	On-Site Features	Surrounding Area
1854	The site is shown as an undeveloped parcel of land set within open fields.	The surround area is also shown as open fields, with a large railway line shown running roughly North West to South East from about 80m to the North.
1854 – 1894	The site remains unchanged.	A row of terraced houses is now shown, along with a new road running along the Eastern site boundary. A brick works is mapped approximately 100m to the North West.

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Map	On-Site Features	Surrounding Area
1894 – 1906	The site is now shown to be within a larger area of what looks like some kind of earthworks.	The surrounding area remains unchanged, however the brickworks is no longer shown.
1906 – 1938	The site remains unchanged.	Largescale development shown in all directions.
1938 – 1961	A small building is now shown in the East of the site.	Large works buildings are shown from about 100m to the North.
1961 – 1972	Additional buildings are shown in the North of the site.	Further construction in all directions.
1972 – 1990	The site remains unchanged.	The railway lines to the North are all labelled now as being Dismantled.
1990 – 1993	The buildings on the site are no longer shown.	The surrounding area remains unchanged.
1993 – present day	Just the caravan in the Western extent of the site is shown	A builders yard and depot is mapped adjacent to the Western site boundary.

4.0 Geology, Hydrogeology and Hydrology

4.1 Geology

Information relating to the geology of the site has primarily been sourced from the EnviroInsight Report and the BGS Geoindex website.

4.1.1 Made Ground

According to the published geological maps and information on the BGS GeoIndex website, Made Ground is mapped directly beneath the site, likely associated with historical earthworks carried out for the railway line or the brickworks. Large areas of Made Ground are also shown from 51m to the East and 121m to the East.

4.1.2 Superficial Deposits

No superficial deposits are mapped beneath the site.

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4.1.3 Solid Geology

Geological maps indicate that the site is underlain by bedrock of the Oaks Rock Sandstone Formation.

4.1.4 BGS Boreholes

There are no historical BGS boreholes within 250m of the site boundary.

4.1.5 Faults and Seams

A fault is mapped approximately 195m to the South West, trending in a North West to South East direction. No other faults or coal seams are mapped within 250m of the site boundary.

4.1.6 Radon

The EnviroInsight Report indicates that the property is with a Radon Affected Area, as Between 3% and 5% of properties are above the Action Level. Basic Radon Protective Measures are deemed necessary.

4.2 Hydrogeology

4.2.1 Aquifers

The underlying bedrock has been classified as being a Secondary A Aquifer. This indicates 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.

4.2.2 Groundwater, Surface Water and Potable Water Abstraction Licences

The EnviroInsight Report indicates that there are two Groundwater Abstractions mapped 401m to the North and no Surface Water or Potable Water Abstraction Licences within 1000m of the site boundary.

4.2.3 Discharge Consents

There are seven Recorded Licensed Discharge Consents within 500m of the site boundary, situated from 263m to the North East to 359m to the North East, all either sewage or trade discharges.

4.2.4 Pollution Incidents to Controlled Waters

The EnviroInsight Report shows no significant pollution incidents to controlled waters within 500m of the site boundary.

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4.3 Hydrology

A small inland river is mapped from 135m to the East on the ground surface, running in a North to South direction.

4.3.1 Flood Risk

The EnviroInsight Report states that the site is not situated within either a Zone 2 or Zone 3 floodplain and is classified as being at a **LOW** Risk of flooding from Rivers or Sea, with a Negligible Risk of Surface Water Flooding and Groundwater Flooding.

4.3.2 Source Protection Zones

There are no Source Protection Zones within 500m of the site boundary.

5.0 Environmental Setting

5.1 Waste Treatment and Disposal

5.1.1 Landfill Sites

There is one LA mapped historical landfill (refuse tip) mapped 85m to the North West of the site.

5.1.2 Other Waste Sites

No other waste facilities exist within 500m of the site boundary.

5.2 Regulatory Permits, Incidents and Registers

5.2.1 Control of Major Hazard Sites /Notification of Installations Handling Substances

The EnviroInsight Report indicates there is one Control of Major Hazard sites (COMAH) mapped 79m to the North East. There are no Notification of Installations Handling Substances (NIHHS) within 250m of the site boundary.

5.2.2 Hazardous Substance Storage/Usage

There are no records of Hazardous substance storage/usage within 500m of the site boundary.

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5.3 Potentially Infilled Land

No infilled land is mapped within 250m of the site boundary, however Made Ground is mapped directly beneath the site and in the close surrounding area.

5.4 Sensitive Land Uses

The site is mapped as being within a Nitrate Vulnerable Zone with another mapped 229m to the North. A Local Nature Reserve (LNR) is mapped 817m to the North at Dearne Valley park, with Green Belt Land mapped 239m to the East. There are no other sensitive land uses mapped within 1000m of the site boundary.

5.5 Visual and Cultural Designations

There are no Visual or Cultural Designations mapped within 250m of the site boundary.

5.6 Agricultural Designations

The site is situated within Urban land. No other Agricultural Designations are mapped within 250m of the site boundary.

5.7 Habitat Designations

The site has six Priority Habitat Inventory's situated within 250m of the site boundary, all associated with Deciduous Woodland. No other Habitat Designations are mapped within 250m of the site boundary.

6.0 Potentially Contaminative Sites

6.1 Potentially Contaminative Land Uses

Potentially contaminative historic land uses include the Made Ground beneath the site itself (and a heap mapped in 1904), along with Railway Sidings mapped from 34m to the North East and works buildings mapped nearby. Current potentially contaminative land uses mapped within 250m of the site boundary have been identified as works buildings located nearby.

7.0 Geotechnical Assessment

7.1 Natural Hazards

The EnviroInsight Report states that the site has a **Negligible** risk of Ground dissolution of soluble rocks, Shrink Swell Clays, Running Sands and Compressible Deposits and a **Very Low** risk of Collapsible deposits, and Landslides.

7.2 Mining

The Groundsure reports indicate that the site is not within either a coal mining or non-coal mining area.

8.0 Conceptual Site Model

8.1 Introduction

A preliminary **Conceptual Site Model** (CSM) has been developed for the site, to assess any constraints on the proposed development arising from contamination which may be present. The CSM describes the relationship between contamination which may be present from past and current activities, both on and off site, along with potential receptors of that contamination.

The site has been assessed in line with current UK guidelines and follows the procedures set out in the Environmental Agency 'Land Contamination Risk Management' (LCRM) web pages which are accessible via the government website.

LCRM provides the technical framework for structured decision making about land contamination and builds on previous work carried out under the Contaminated Land Research Programme of the former Department of the Environment. LCRM has adopted and refined the methodology and terminology that has been used in contaminated land risk assessment for a number of years.

LCRM defines the three essential elements to any risk:

- **A contaminant source** - a substance that is in, on or under land and has the potential to cause harm or to cause pollution of controlled waters;

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- **A receptor** – in general terms, something that could be adversely affected by a contaminant, such as people, an ecological system, property or a water body; and
- **A pathway** - a route or means by which a receptor can be exposed to or affected by a contaminant.

Each of these elements can exist independently, but they create a risk only where they are linked together, so that a particular contaminant affects a particular receptor through a particular pathway. This kind of linked combination of source-pathway-receptor is described as a **Potential Pollutant Linkage (PPL)**.

It should be noted that at this preliminary stage, the assessment is based only on a desk-based study. A quantitative assessment of the potential risk is not possible at this stage of the assessment.

This report presents a Preliminary Conceptual Site Model and Preliminary Risk Assessments for the site, based on a **Residential** end use.

8.2 Potential Contamination Sources

8.2.1 On Site Sources

Potential on-site sources of contamination have been identified as possibly contaminated soils associated with historical building construction and demolition in addition to the Made Ground that exists beneath the site associated with historical earthworks.

8.2.2 Off Site Sources

Possible off-site sources of contamination have been identified as possible ground gases associated with historical Made Ground and earthworks carried out close to the site boundary.

8.3 Potential Receptors

8.3.1 Human Receptors

Based on the proposed use of the site, on-site receptors include:

- Current site users;
- New end users;

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- Construction workers involved in the proposed development. Note that potential contamination risks to construction workers will be mitigated by appropriate risk assessments and mitigation measures required by Control of Substances Hazardous to Health (COSHH) and Construction, Design and Management (CDM) regulations.

8.3.2 Controlled Waters Receptors

The following on-site controlled waters receptors include:

- Groundwater within the underlying Aquifers.

8.3.3 Buildings Receptors

The proposed new buildings are a potential receptor.

8.4 Potential Pathways

8.4.1 On-Site Human Receptors

Potential pathways to future human receptors on site include:

- Dermal contact or ingestion with contaminated soils;
- Inhalation of contaminants in soil derived dust;
- Migration and inhalation of gases and vapours outdoors or indoors;
- Contamination of drinking water pipes by contaminated soils/water leading to the ingestion of contaminated drinking water.

8.4.2 Controlled Waters

Potential pathways to on-site controlled water receptors (groundwater) include:

- Leaching of contaminants and/or migration of contaminants from the unsaturated zone of soils to groundwater (Aquifers) in natural strata;
- Vertical migration of contaminants in shallow groundwater to deeper strata and aquifers;

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- Lateral migration of impacted water through service conduits, drainage systems and possible perched groundwater pathways to surface water receptors.

8.4.3 Buildings

Potential pathways from off-site sources to the on-site property receptor include:

- Migration and accumulation of ground gas or vapours in buildings or structures.

8.5 Preliminary Risk Assessment

Based on the stated potential sources of contaminants identified and the receptors and pathways described, an assessment of the environmental risks has been made with reference to the significance and degree of risk. This assessment is based on consideration of whether the source contamination can reach a receptor and hence whether it is of a major or minor significance.

A preliminary Conceptual Site Model (CSM) of the Potential Pollutant Linkages (PPL) has been developed based on the information derived from this desk study for the site. This CSM has been used to identify potentially Relevant PPLs for the current and proposed end uses which have been assessed qualitatively using CIRIA 552 guidance, as described in Table 8.1 and Table 8.2.

Table 8.1 Classification of Consequence

Consequence	Criteria
Severe	Short term (acute) risk to Human Health likely to result in "significant harm" as defined by the Environmental Protection Act 1990, Part IIa. Short term risk of pollution of sensitive water resource. Catastrophic damage to buildings / property
Moderate	Chronic damage to Human Health likely, over a long term, to result in "significant harm" as defined by the Environmental Protection Act 1990, Part IIa. Pollution of sensitive water resources
Mild	Health effects to Human Health that are unlikely to result in "significant harm" as defined by the Environmental Protection Act 1990, Part IIa. Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services. Damage to sensitive buildings / structures / services or the environment
Negligible	Non-permanent health effects to Human Health that are unlikely to result in "significant harm" as defined by the Environmental Protection Act 1990, Part IIa. Those that are easily prevented by means such as personal protective clothing. Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve.

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Table 8.2 Classification of Probability

Probability	Criteria
Almost Certain	Circumstances are such that an event either appears very likely in the short term and almost inevitable over the long term or there is evidence of currently harm occurring
Likely	Circumstances are such that an event, whilst not inevitable, is possible in the short term and is likely to occur over the long term
Unlikely	Circumstances are such that it is possible an event could occur, but it is by no means certain to occur even over a longer period, and it is less likely in the shorter term
Very Unlikely	Pollutant linkage may be present, but the circumstances under which harm would occur are improbable even in the medium to long term
Extremely Unlikely	Pollutant linkage may be present, but the circumstances under which harm would occur are highly improbable even in the long term

Once the consequence and probability have been classified, these can then be compared to produce a risk category (using Table 8.3), ranging from **Very High Risk** to **Very Low Risk**, with the definitions summarised in Table 8.4.

Table 8.3 Comparison of Consequence against Probability

Consequence Probability	Severe	Moderate	Mild	Negligible
Almost Certain	Very High Risk	High Risk	Moderate Risk	Low Risk
Likely	High Risk	Moderate Risk	Moderate/ Low Risk	Low Risk
Unlikely	Moderate Risk	Moderate/ Low Risk	Low Risk	Very Low Risk
Very Unlikely	Low Risk	Low Risk	Very Low Risk	Very Low Risk
Extremely Unlikely	Very Low Risk	Very Low Risk	Very Low Risk	Very Low Risk

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Table 8.4 Description of the Classified Risks and Likely Action Required

Risk	Criteria
Very High	There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without appropriate remediation action
High	Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action.
Moderate	It is possible that without appropriate remediation action, harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild
Low	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at works, if any harm were to be realised, any such effects would be mild.
Very Low	There is very low possibility that harm could arise to the receptor, but it is likely that this harm, if realised, would be mild at worst

In accordance with CLR11, professional judgement has been employed to evaluate the risk on a qualitative basis using available information.

A summary of the pollution linkages identified during the desk study are provided in Table 8.5.

Table 8.5 Conceptual Site Model of Potential Pollutant Linkages

Source	Receptor	Pathway	Risk	Discussion
Contaminants in soil, soil derived dust, surface water run-off, groundwater, and as vapours/ground gas	New Residents	• Dermal contact or ingestion contaminants in soil-derived dust and entrained surface water run-off from areas where soil is exposed at the surface or where excavation takes place and in shallow groundwater in the natural strata if excavation takes place below the water table. • Inhalation of contaminants in soil derived dust from areas where soil is exposed at the surface of where excavation takes place. • Inhalation of soil and water derived vapours and ground gas outdoors • Inhalation of soil derived, and water derived vapours and ground gas indoors where it may have accumulated in buildings and enclosed spaces.	Moderate/Low	Possible on-site sources of contamination have been identified as possible contaminated shallow soils associated with historical construction and demolition, in addition to the potentially contaminated Made Ground mapped beneath the site, associated with historical earthworks. Off-site sources of contamination have been identified also as potential ground gases from historically placed Made Ground close to the site boundary.
	Construction Workers	• Dermal contact or ingestion contaminants in soil-derived dust and entrained surface water run-off from areas where soil is exposed at the surface or where excavation takes place and in shallow groundwater in the natural strata if excavation takes place below the water table. • Inhalation of contaminants in soil derived dust from areas where soil is exposed at the surface of where excavation takes place.	Low	Construction workers will wear necessary PPE during the development works, thus reducing any risk of contact with potential contaminants.
Contaminants in Soil	Groundwater within the underlying soils and bedrock (Aquifer)	• Leaching of contaminants and/or migration of free phase contaminants from the unsaturated zone soils to groundwater in the natural strata • Vertical migration of contaminants in shallow groundwater to deeper strata and aquifer	Low	The aquifer is likely to be at a depth that will not be affected by potential soil contaminants
Contaminants in soil, surface water runoff, groundwater and as vapours/ground gas	Surface Water	• Lateral migration of contaminants and/or migration of free phase contaminants present in the Made Ground via groundwater to surface water discharge • Lateral migration of contaminants and/or migration of free phase contaminants present in the Made Ground and entrained in surface water runoff	Low	No surface water features on the site are deemed to present a risk to future human usage.
Contaminants in soil, groundwater and as vapours/ground gas	Building	• Accumulation of soil and water derived vapours/and or ground gas in enclosed spaces	Moderate/Low	Risks of ground gases from historically place Made Ground off-site and on-site.
Contaminants in soil	Water Supply Routes	• Migration of heavy metal contaminants into newly placed water supply routes	Low	No other contamination risks identified.

9.0 Conclusions

The site is proposed to have a change of use for Gypsy and Traveller use, including the construction of a new day room building.

Historically the site was part of a wider scale of earthworks and has since has small buildings that were demolished up until now when all that remains is a static caravan and a gravelled driveway.

Potential on-site sources of contamination have been identified as possibly contaminated soils associated with the Made Ground beneath the site and in areas of the historical construction and demolition.

Potential off-site sources of contamination have been identified as possible ground gases associated with historical Made Ground nearby.

In summary, on the basis of the above it is concluded that:

- Contaminants may be present in, on or under the land at the site from either on-site or off-site sources that could affect the new development; and
- Future on site receptors to any form of contamination have been identified as the construction workers, residents, the new buildings, surface water and the groundwater.

A qualitative risk assessment of the identified potential pathways of contamination to the site have been summarised in Table 9.5. The following risks have been designated:

- Future Human Receptors – Moderate/Low Risk
- Construction Workers –Low Risk
- Groundwater –Low Risk
- Surface Water –Low Risk
- New Buildings – Moderate/Low Risk
- Utilities – Low Risk

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Based on the review of all available historical data, it has been established that overall, a **MODERATE/LOW** risk of potential pollutant linkage to the site exists, due to the possibility of contaminated soils beneath the site that could affect the proposed new development in addition to potential off-site sources of ground gases.

10.0 Recommendations

It is recommended that a Phase II Intrusive Investigation is carried out on the site to assess for potential shallow soil contamination on the site in addition to a detailed ground gas assessment. The following works are recommended:

- Windowless Sample Boreholes to allow for collection of soil samples and installation of ground gas monitoring standpipe;
- Soil contamination laboratory testing;
- Ground gas monitoring assessment; and
- Phase II Reporting

11.0 References

- BS 5930: (2015) Code of Practice for Site Investigations. British Standards Institution.
- BS 10175: (2011) Code of Practice for the Investigation of Potentially Contaminated Sites. British Standard Institution.
- CIRIA 552: (2001) Contaminated Land Risk Assessment, A guide to good practice.

APPENDIX A – GROUNDSURE REPORT

LAND AT, SHAFTESBURY STREET, STAIRFOOT, BARNSELY, S70 3PU

Order Details

Date: 27/07/2026
Your ref: RBG495
Our Ref: GS-49I-UXB-41K-318

Site Details

Location: 437004 405744
Area: 0.04 ha
Authority: [Barnsley Metropolitan Borough Council](#)
↗

Site plan**Quick Links**

[Summary of findings](#) [p. 2 >](#)
[OS MasterMap site plan](#) [p.14 >](#)
[Aerial image](#) [p. 9 >](#)

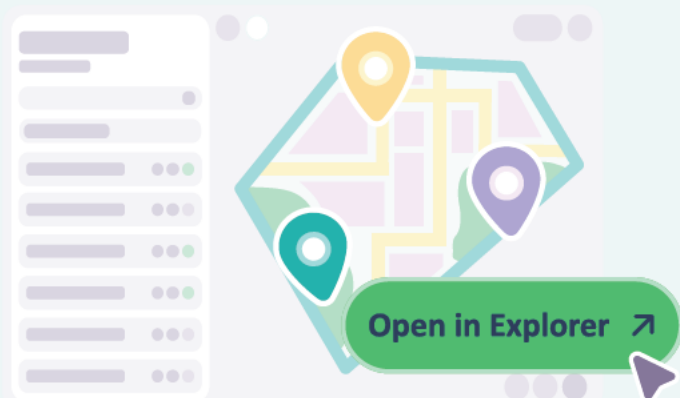
[Insight User Guide](#) ↗

Open this site in Explorer!

Access the data now in our interactive workspace.

- Map and interpret 130+ datasets across 170 years
- Generate insights and visuals quickly
- Revisit and collaborate with your team

Access to Groundsure Explorer requires an Insights account.
12 months access begins at purchase.



Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	1	3	44	81	-
20 >	1.2 >	Historical tanks >	0	0	1	13	-
21 >	1.3 >	Historical energy features >	0	0	6	11	-
22	1.4	Historical petrol stations	0	0	0	0	-
22 >	1.5 >	Historical garages >	0	0	8	0	-
23	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
24 >	2.1 >	Historical industrial land uses >	1	4	55	109	-
31 >	2.2 >	Historical tanks >	0	0	2	21	-
32 >	2.3 >	Historical energy features >	0	0	13	20	-
33	2.4	Historical petrol stations	0	0	0	0	-
33 >	2.5 >	Historical garages >	0	0	8	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
35	3.1	Active or recent landfill	0	0	0	0	-
35 >	3.2 >	Historical landfill (BGS records) >	0	0	0	1	-
36 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	1	0	-
36 >	3.4 >	Historical landfill (EA/NRW records) >	1	0	0	4	-
37 >	3.5 >	Historical waste sites >	0	0	0	8	-
39 >	3.6 >	Licensed waste sites >	0	0	0	5	-
40 >	3.7 >	Waste exemptions >	0	0	7	20	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
43 >	4.1 >	Recent industrial land uses >	0	1	9	-	-
44 >	4.2 >	National Geographic Database (NGD) - Current or recent tanks >	0	0	1	-	-
45	4.3	Current or recent petrol stations	0	0	0	0	-
45	4.4	Sites determined as Contaminated Land	0	0	0	0	-
45 >	4.5 >	Control of Major Accident Hazards (COMAH) >	0	0	1	0	-



45	4.6	Regulated explosive sites	0	0	0	0	-
46	4.7	Hazardous substance storage/usage	0	0	0	0	-
46	4.8	Historical licensed industrial activities (IPC)	0	0	0	0	-
46 >	4.9 >	Licensed industrial activities (Part A(1)) >	0	0	0	5	-
47 >	4.10 >	Licensed pollutant release (Part A(2)/B) >	0	0	2	7	-
48	4.11	Radioactive Substance Authorisations	0	0	0	0	-
49 >	4.12 >	Licensed Discharges to controlled waters >	0	0	0	7	-
50	4.13	Pollutant release to surface waters (Red List)	0	0	0	0	-
50	4.14	Pollutant release to public sewer	0	0	0	0	-
50	4.15	List 1 Dangerous Substances	0	0	0	0	-
50	4.16	List 2 Dangerous Substances	0	0	0	0	-
51 >	4.17 >	Pollution Incidents (EA/NRW) >	0	0	8	1	-
52	4.18	Pollution inventory substances	0	0	0	0	-
52 >	4.19 >	Pollution inventory waste transfers >	0	0	0	1	-
55	4.20	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
56 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
57 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
58 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
59	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
59	5.5	Groundwater vulnerability- local information	None (within 0m)				
60 >	5.6 >	Groundwater abstractions >	0	0	0	2	3
62 >	5.7 >	Surface water abstractions >	0	0	0	0	4
63	5.8	Potable abstractions	0	0	0	0	0
63	5.9	Source Protection Zones	0	0	0	0	-
63	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
64 >	6.1 >	Water Network (OS NGD) >	0	0	1	-	-
65 >	6.2 >	Surface water features >	0	0	1	-	-

65 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
65 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
66 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
67	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
67	7.2	Historical Flood Events	0	0	0	-	-
67	7.3	Flood Defences	0	0	0	-	-
68	7.4	Flood Storage Areas	0	0	0	-	-
69	7.5	Flood Zone 2	None (within 50m)				
69	7.6	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
70 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
72 >	9.1 >	Groundwater flooding >	Negligible (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
73 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	0	1
74	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
74	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
74	10.4	Special Protection Areas (SPA)	0	0	0	0	0
74	10.5	National Nature Reserves (NNR)	0	0	0	0	0
75 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
75 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	12
76	10.8	Biosphere Reserves	0	0	0	0	0
76	10.9	Forest Parks	0	0	0	0	0
76	10.10	Marine Conservation Zones	0	0	0	0	0
76 >	10.11 >	Green Belt >	0	0	1	0	1
77	10.12	Proposed Ramsar sites	0	0	0	0	0
77	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
77	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0

77	10.15	Nitrate Sensitive Areas	0	0	0	0	0
78 >	10.16 >	Nitrate Vulnerable Zones >	1	0	1	0	0
79 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
80 >	10.18 >	SSSI Units >	0	0	0	0	1
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
81	11.1	World Heritage Sites	0	0	0	-	-
81	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
81	11.3	National Parks	0	0	0	-	-
81	11.4	Listed Buildings	0	0	0	-	-
82	11.5	Conservation Areas	0	0	0	-	-
82	11.6	Scheduled Ancient Monuments	0	0	0	-	-
82	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
83 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
84	12.2	Open Access Land	0	0	0	-	-
84	12.3	Tree Felling Licences	0	0	0	-	-
84	12.4	Environmental Stewardship Schemes	0	0	0	-	-
84	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
85 >	13.1 >	Priority Habitat Inventory >	0	1	5	-	-
86	13.2	Habitat Networks	0	0	0	-	-
86	13.3	Open Mosaic Habitat	0	0	0	-	-
86	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
87 >	14.1 >	10k Availability >	Identified (within 500m)				
88 >	14.2 >	Artificial and made ground (10k) >	1	0	5	7	-
90 >	14.3 >	Superficial geology (10k) >	0	0	0	1	-
91	14.4	Landslip (10k)	0	0	0	0	-
92 >	14.5 >	Bedrock geology (10k) >	1	0	2	3	-



93 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	1	2	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
94 >	15.1 >	50k Availability >	Identified (within 500m)				
95 >	15.2 >	Artificial and made ground (50k) >	0	0	0	2	-
96	15.3	Artificial ground permeability (50k)	0	0	-	-	-
97 >	15.4 >	Superficial geology (50k) >	0	0	0	1	-
98	15.5	Superficial permeability (50k)	None (within 50m)				
98	15.6	Landslip (50k)	0	0	0	0	-
98	15.7	Landslip permeability (50k)	None (within 50m)				
99 >	15.8 >	Bedrock geology (50k) >	1	0	2	3	-
100 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
100 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	1	2	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
101 >	16.1 >	BGS Boreholes >	0	0	2	-	-
Page	Section	Natural ground subsidence >					
102 >	17.1 >	Shrink swell clays >	Negligible (within 50m)				
103 >	17.2 >	Running sands >	Negligible (within 50m)				
104 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
105 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
106 >	17.5 >	Landslides >	Very low (within 50m)				
107 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
109	18.1	BritPits	0	0	0	0	-
110 >	18.2 >	Surface ground workings >	1	0	15	-	-
110 >	18.3 >	Underground workings >	0	0	3	5	12
111	18.4	Underground mining extents	0	0	0	0	-
112	18.5	Historical Mineral Planning Areas	0	0	0	0	-
112 >	18.6 >	Non-coal mining >	0	0	1	0	11
114	18.7	JPB mining areas	None (within 0m)				



114	18.8	The Coal Authority non-coal mining	0	0	0	0	-
114	18.9	Researched mining	0	0	0	0	-
114	18.10	Mining record office plans	0	0	0	0	-
115	18.11	BGS mine plans	0	0	0	0	-
115 >	18.12 >	Coal mining >	Identified (within 0m)				
115	18.13	Brine areas	None (within 0m)				
115	18.14	Gypsum areas	None (within 0m)				
115	18.15	Tin mining	None (within 0m)				
116	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
117	19.1	Natural cavities	0	0	0	0	-
117	19.2	Mining cavities	0	0	0	0	0
117	19.3	Reported recent incidents	0	0	0	0	-
117	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
119 >	20.1 >	Radon >	Between 3% and 5% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
121 >	21.1 >	BGS Estimated Background Soil Chemistry >	3	0	-	-	-
121	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
121	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
122	22.1	Underground railways (London)	0	0	0	-	-
122	22.2	Underground railways (Non-London)	0	0	0	-	-
123	22.3	Railway tunnels	0	0	0	-	-
123 >	22.4 >	Historical railway and tunnel features >	0	1	33	-	-
124	22.5	Royal Mail tunnels	0	0	0	-	-
125 >	22.6 >	Historical railways >	0	2	5	-	-
125	22.7	Railways	0	0	0	-	-
125	22.8	Crossrail 2	0	0	0	0	-

12622.9HS200000-

Recent aerial photograph



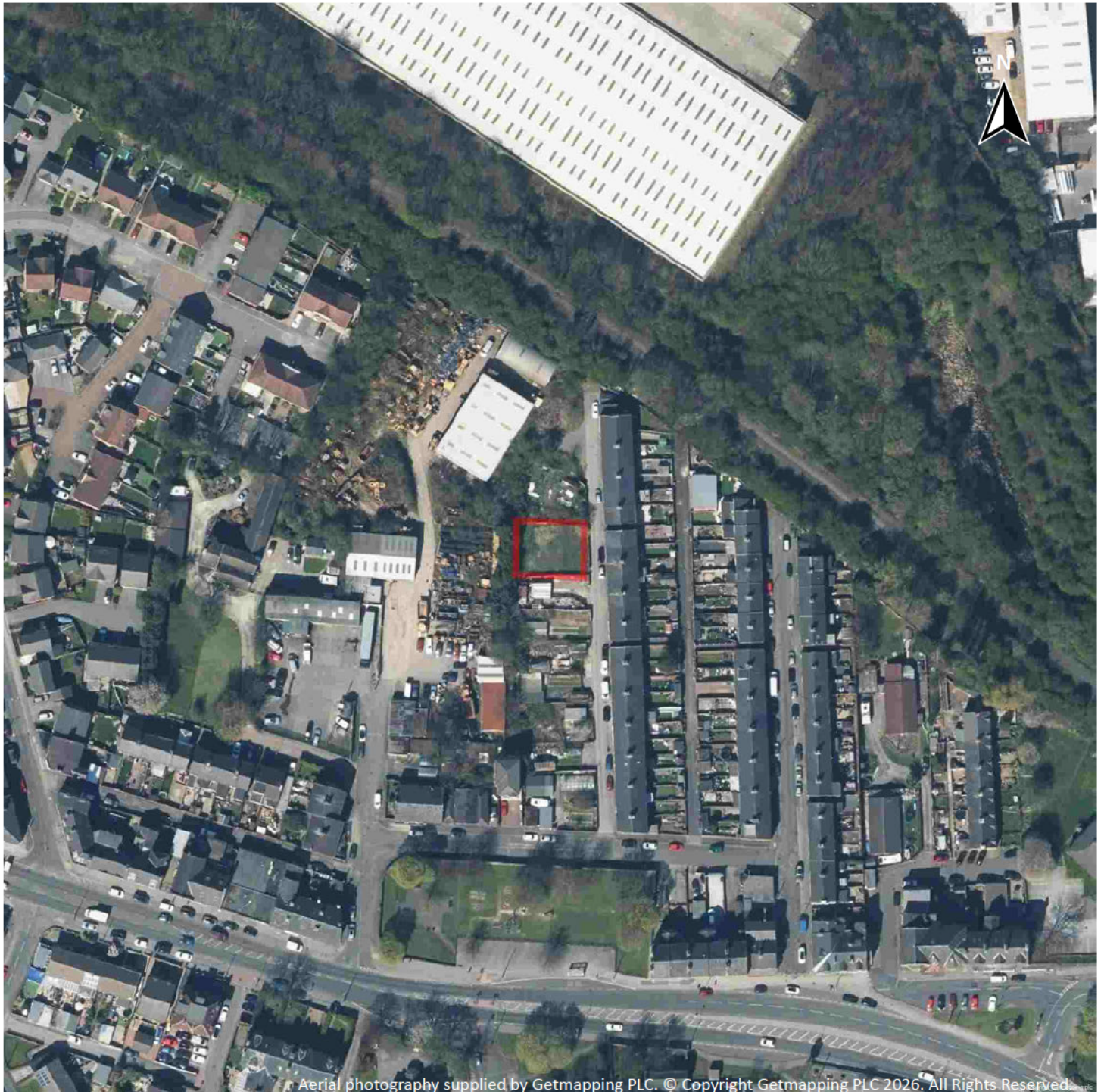
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2026. All Rights Reserved.

Capture Date: 11/07/2025

Site Area: 0.04ha



Recent site history - 2021 aerial photograph



Capture Date: 19/04/2021

Site Area: 0.04ha



Recent site history - 2013 aerial photograph

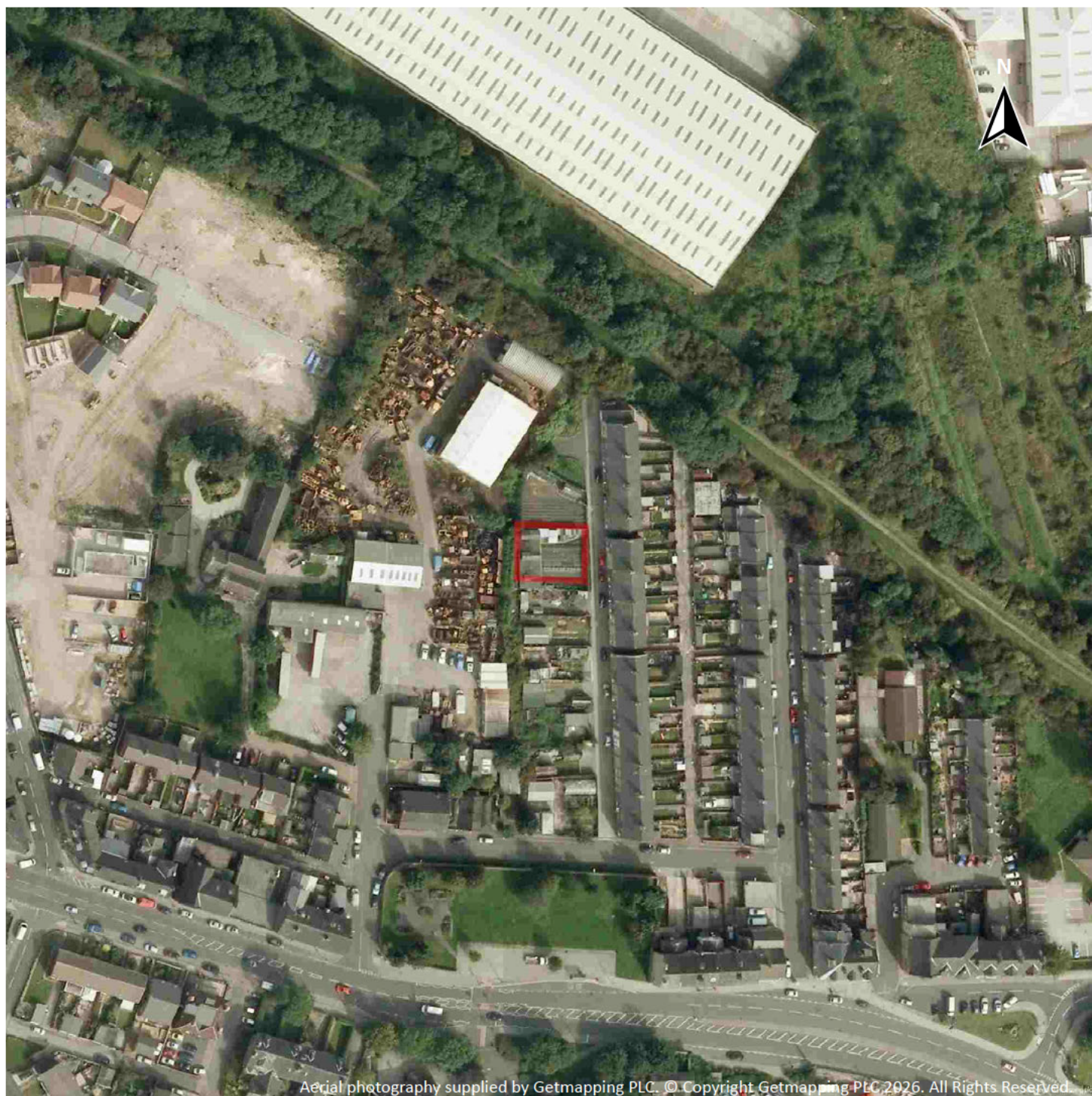


Capture Date: 07/06/2013

Site Area: 0.04ha



Recent site history - 2009 aerial photograph



Capture Date: 11/09/2009

Site Area: 0.04ha



Recent site history - 1999 aerial photograph

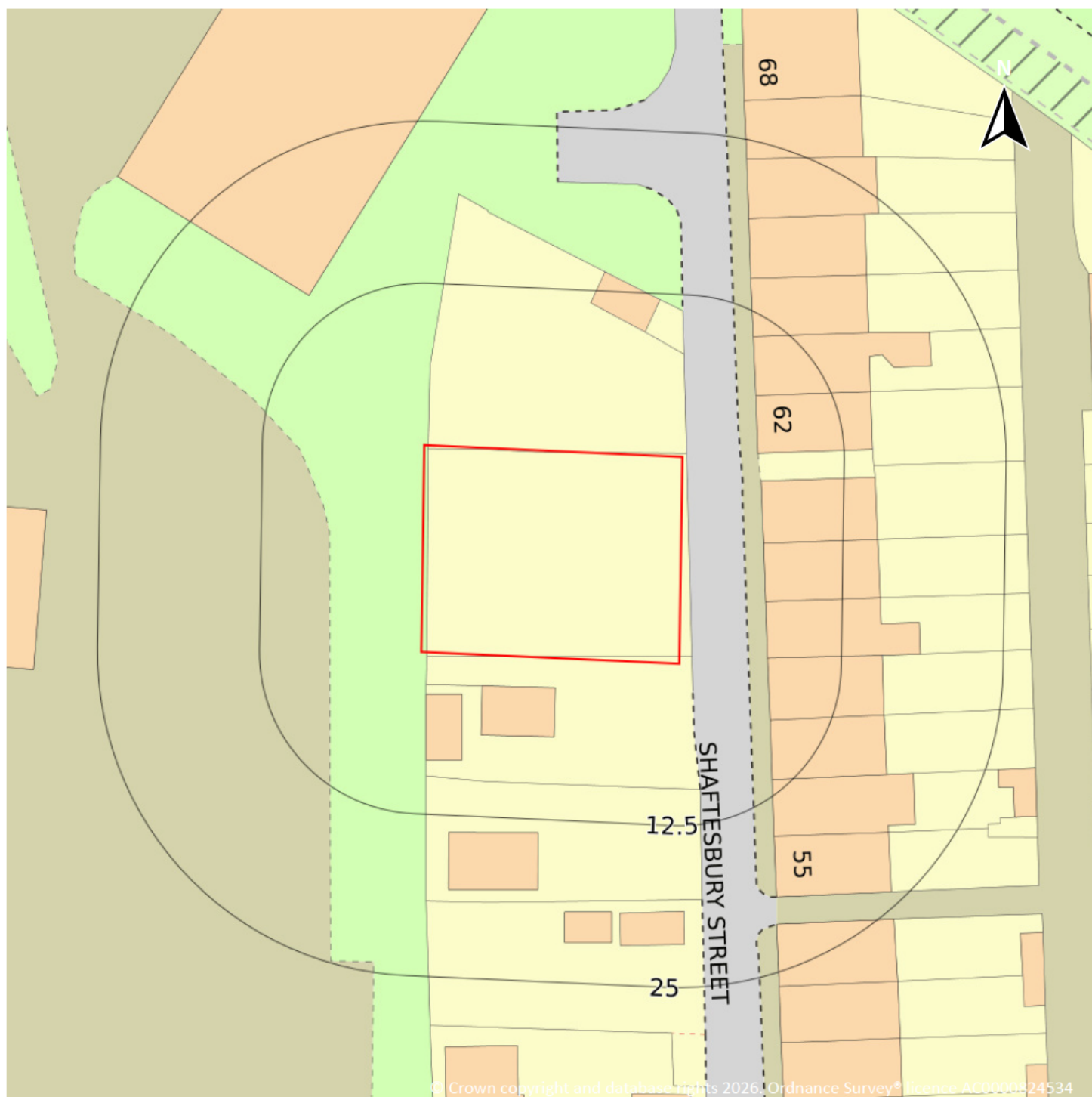


Capture Date: 10/07/1999

Site Area: 0.04ha



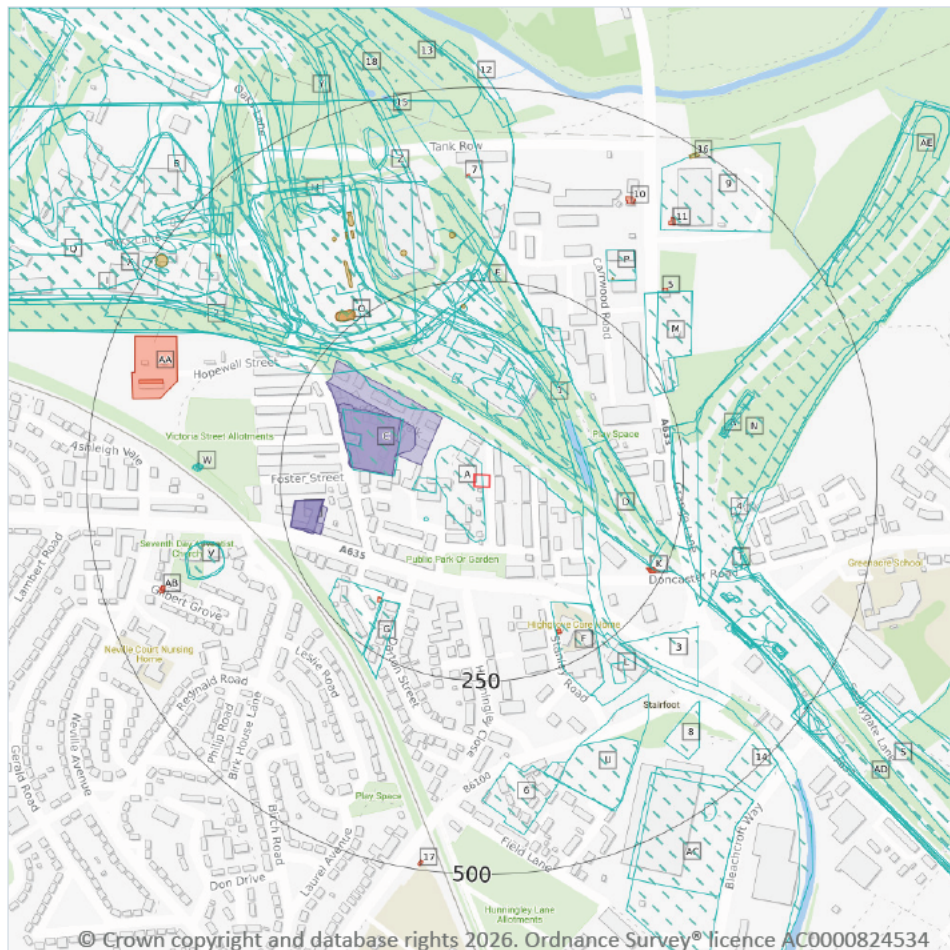
OS MasterMap site plan



Site Area: 0.04ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

129

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

Features are displayed on the Past land use map on [page 15](#) >

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Heap	1904	1468963



ID	Location	Land use	Dates present	Group ID
B	34m NE	Railway Sidings	1955	1481210
B	34m NE	Railway Sidings	1951	1481211
A	49m W	Unspecified Works	1974 - 1992	1575963
B	61m NE	Unspecified Commercial/Industrial	1948 - 1955	1487099
B	63m NE	Unspecified Works	1966	1520535
B	72m NE	Refuse Heap	1904	1435613
A	73m SW	Unspecified Pump	1850	1470279
B	83m NE	Railway Sidings	1948	1552091
B	101m NE	Unspecified Works	1974 - 1992	1515651
C	102m W	Garage	1982 - 1992	1539457
1	106m E	Disused Canal	1966	1563203
B	120m N	Railway Building	1904	1476713
B	125m N	Railway Building	1904	1565644
D	126m E	Railway Sidings	1948	1514844
D	136m E	Railway Sidings	1904	1485595
D	136m E	Railway Sidings	1938	1503679
B	144m NE	Railway Sidings	1904	1570960
B	144m N	Railway Building	1938	1570276
E	146m NE	Railway Sidings	1948	1528666
E	148m NE	Railway Sidings	1890	1532377
B	166m N	Disused Glass Works	1938	1488102
B	166m N	Glass Works	1904	1499325
F	167m SE	Unspecified Factory	1974 - 1992	1540804
B	173m NW	Disused Glass Works	1955	1529551
B	178m N	Glass Works	1890	1518662
G	179m SW	Unspecified Commercial/Industrial	1982	1432108
G	179m SW	Unspecified Mill	1974	1448810
G	180m SW	Unspecified Mill	1966	1448811



ID	Location	Land use	Dates present	Group ID
H	186m NW	Colliery	1982	1556489
B	187m N	Railway Sidings	1904	1570959
I	187m N	Railway Sidings	1938 - 1948	1567184
H	189m NW	Unspecified Mine	1966	1442819
H	189m NW	Mineral Railway Sidings	1966	1480862
H	189m NW	Railway Sidings	1974	1537439
H	189m NW	Colliery	1974	1564602
B	210m NW	Disused Glass Works	1948	1555143
B	210m N	Unspecified Tank	1890	1473851
B	219m N	Unspecified Works	1992	1460682
B	223m NW	Unspecified Works	1992	1570155
B	228m NW	Unspecified Works	1966	1560388
L	231m SE	Unspecified Works	1982 - 1992	1493497
B	233m NW	Unspecified Works	1974 - 1982	1515906
B	234m N	Railway Building	1948	1476997
M	235m NE	Unspecified Works	1974 - 1992	1536272
N	238m E	Railway Sidings	1966	1538140
2	239m NW	Cuttings	1850	1433800
O	250m NW	Gasometers	1904	1445707
M	250m NE	Unspecified Works	1966	1540045
3	263m SE	Tan Yard	1850	1446358
N	269m E	Railway Sidings	1894 - 1948	1567185
B	271m N	Refuse Heap	1974	1435414
H	274m NW	Railway Sidings	1982	1540232
L	277m SE	Unspecified Foundry	1974	1449125
B	287m N	Unspecified Heap	1974	1468549
P	294m NE	Pumping Station	1982	1480809
Q	299m NW	Railway Sidings	1938	1496678



ID	Location	Land use	Dates present	Group ID
Q	299m NW	Railway Sidings	1904	1504457
Q	299m NW	Railway Sidings	1890	1551665
I	300m NW	Colliery	1955	1497997
R	301m E	Railway Buildings	1948	1576649
I	303m NW	Colliery	1938 - 1948	1530802
R	303m E	Railway Buildings	1938	1575917
R	304m E	Railway Buildings	1955	1533050
4	312m E	Railway Building	1966	1476995
S	318m SE	Railway Sidings	1904	1536240
T	320m E	Unspecified Heap	1948	1468907
S	320m SE	Railway Sidings	1948	1534575
T	322m E	Unspecified Ground Workings	1904	1441218
I	327m NW	Colliery	1890	1492766
I	327m NW	Colliery	1904	1550520
T	329m SE	Railway Buildings	1955	1491411
T	329m SE	Railway Buildings	1904	1484713
U	332m SE	Unspecified Works	1974	1498100
R	334m E	Railway Building	1948	1476991
V	336m W	Unspecified Pit	1948	1560378
T	336m SE	Railway Building	1974	1476993
V	336m W	Unspecified Pit	1966	1506225
V	336m W	Unspecified Pit	1955	1556263
W	350m W	Railway Building	1948	1569631
W	352m W	Railway Building	1955	1548817
U	353m S	Unspecified Works	1982 - 1992	1554818
T	354m SE	Railway Station	1894	1570344
W	355m W	Railway Building	1938	1522126
6	356m S	Nursery	1966 - 1974	1570402



ID	Location	Land use	Dates present	Group ID
T	360m SE	Railway Station	1904	1572634
T	361m SE	Railway Station	1966	1507962
T	361m SE	Railway Station	1955	1551415
T	362m SE	Railway Station	1948	1534037
T	363m SE	Railway Station	1938	1551963
T	372m SE	Railway Building	1955	1476996
X	373m NW	Colliery	1992	1500354
H	378m NW	Refuse Heap	1938 - 1948	1568451
H	381m NW	Gravel Pit	1955	1474477
Y	385m N	Refuse Heap	1982	1556310
8	386m SE	Bleach and Dye works	1850	1442936
9	386m NE	Unspecified Works	1974 - 1992	1564018
Z	398m N	Unspecified Heap	1974	1530714
I	407m NW	Refuse Heap	1938	1532709
Z	411m N	Unspecified Heap	1948	1553637
Z	414m N	Unspecified Heap	1955	1501027
T	419m SE	Railway Building	1904	1537434
T	421m SE	Railway Station	1931 - 1938	1511491
T	422m SE	Railway Building	1948	1523153
AC	422m SE	Unspecified Warehouse	1982 - 1992	1524538
T	423m SE	Railway Building	1938	1565318
AC	424m SE	Unspecified Warehouses	1974	1478805
AD	439m SE	Railway Sidings	1931 - 1938	1492897
I	441m NW	Refuse Heap	1948	1489392
I	441m NW	Refuse Heap	1948	1576021
Y	444m NW	Unspecified Ground Workings	1966 - 1974	1542300
I	446m NW	Refuse Heap	1955	1568516
12	450m N	Railway Sidings	1938 - 1948	1531912



ID	Location	Land use	Dates present	Group ID
AD	459m SE	Railway Sidings	1982	1524363
I	462m NW	Refuse Heaps	1948	1511583
13	462m N	Unspecified Heap	1992	1468548
I	463m NW	Cuttings	1974	1433711
14	466m SE	Unspecified Works	1974 - 1992	1552750
15	473m N	Railway Sidings	1948	1481184
X	474m NW	Refuse Heap	1948	1501133
X	474m NW	Refuse Heap	1948	1578906
X	481m NW	Unspecified Tank	1966	1473852
I	484m NW	Unspecified Heap	1966	1468550
AD	489m SE	Unspecified Works	1966	1460817
18	495m N	Railway Sidings	1938	1481185
AC	495m SE	Unspecified Heap	1931 - 1938	1520725
S	497m SE	Railway Buildings	1966	1436306
AE	498m NE	Unspecified Heap	1948 - 1955	1494656
AE	500m NE	Unspecified Ground Workings	1931 - 1938	1547719

This data is sourced from Ordnance Survey® / Groundsure.

1.2 Historical tanks

Records within 500m

14

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

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
B	215m N	Unspecified Tank	1892 - 1906	255898
O	254m NW	Gasometers	1906	237111



ID	Location	Land use	Dates present	Group ID
B	289m NW	Tanks	1892 - 1906	247734
B	297m N	Unspecified Tank	1892 - 1906	255525
P	298m NE	Unspecified Tank	1995	239297
B	307m N	Unspecified Tank	1892	239302
B	343m NW	Tanks	1997	234455
B	345m NW	Tanks	1983 - 1997	261826
B	351m NW	Unspecified Tank	1892 - 1906	249976
B	352m NW	Tanks	1997	234456
B	358m NW	Tanks	1983 - 1997	252526
B	372m NW	Tanks	1997	234454
X	481m NW	Unspecified Tank	1961 - 1962	252778
16	484m NE	Unspecified Tank	1972 - 1995	249893

This data is sourced from Ordnance Survey® / Groundsure.

1.3 Historical energy features

Records within 500m

17

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

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
G	187m SW	Electricity Substation	1974 - 1997	157987
F	203m SE	Electricity Substation	1982 - 1993	148078
F	204m SE	Electricity Substation	1973	161778
K	228m SE	Electricity Substation	1982 - 1990	145436
K	229m SE	Electricity Substation	1973	146480
K	232m SE	Electricity Substation	1993	159879



ID	Location	Land use	Dates present	Group ID
O	254m NW	Gasometers	1906	144949
5	325m NE	Electricity Substation	1973 - 1993	149828
7	384m N	Electricity Substation	1983	142933
10	393m NE	Electricity Substation	1995	144284
11	398m NE	Electricity Substation	1972 - 1995	156920
AA	402m W	Electricity Substation	1997	154515
AA	419m W	Electricity Substation	1987	156229
AB	419m W	Electricity Substation	1974 - 1987	156115
AB	420m W	Electricity Substation	1997	146995
I	432m NW	Electricity Substation	1983 - 1997	153953
17	487m S	Electricity Substation	1973 - 1993	159663

This data is sourced from Ordnance Survey® / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey® / Groundsure.

1.5 Historical garages

Records within 500m

8

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

Features are displayed on the Past land use map on [page 15 >](#)



ID	Location	Land use	Dates present	Group ID
C	68m NW	Garage	1987	49731
C	85m NW	Garage	1974	47815
C	104m W	Garage	1997	49371
J	192m W	Garage	1987	50306
J	196m W	Garage	1962	52203
J	196m W	Garage	1961	48961
J	196m W	Garage	1974	49272
J	197m W	Garage	1997	51395

This data is sourced from Ordnance Survey® / Groundsure.

1.6 Historical military land

Records within 500m

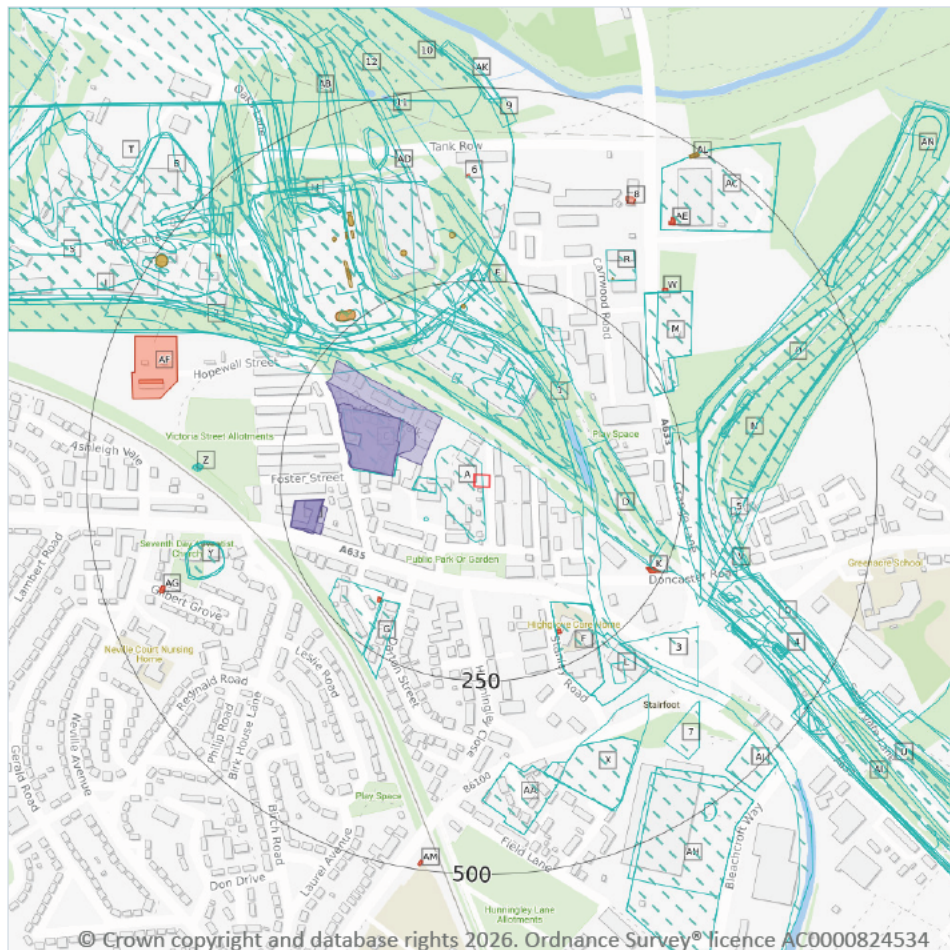
0

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

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



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

169

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

Features are displayed on the Past land use - un-grouped map on [page 24](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Heap	1904	1468963
B	34m NE	Railway Sidings	1955	1481210
A	49m W	Unspecified Works	1992	1575963



ID	Location	Land Use	Date	Group ID
A	49m W	Unspecified Works	1982	1575963
A	49m W	Unspecified Works	1974	1575963
B	61m NE	Unspecified Commercial/Industrial	1955	1487099
B	61m NE	Unspecified Commercial/Industrial	1948	1487099
B	63m NE	Unspecified Works	1966	1520535
B	72m NE	Refuse Heap	1904	1435613
A	73m SW	Unspecified Pump	1850	1470279
B	83m NE	Railway Sidings	1948	1552091
B	101m NE	Unspecified Works	1992	1515651
B	101m NE	Unspecified Works	1982	1515651
B	101m NE	Unspecified Works	1974	1515651
C	102m W	Garage	1992	1539457
C	102m W	Garage	1982	1539457
1	106m E	Disused Canal	1966	1563203
B	120m N	Railway Building	1904	1476713
B	125m N	Railway Building	1904	1565644
D	126m E	Railway Sidings	1948	1514844
D	136m E	Railway Sidings	1938	1503679
D	136m E	Railway Sidings	1904	1485595
B	144m NE	Railway Sidings	1904	1570960
B	144m N	Railway Building	1938	1570276
E	146m NE	Railway Sidings	1948	1528666
E	148m NE	Railway Sidings	1890	1532377
B	166m N	Disused Glass Works	1938	1488102
B	166m N	Glass Works	1904	1499325
F	167m SE	Unspecified Factory	1992	1540804
F	167m SE	Unspecified Factory	1982	1540804
F	167m SE	Unspecified Factory	1974	1540804



ID	Location	Land Use	Date	Group ID
B	173m NW	Disused Glass Works	1955	1529551
B	178m N	Glass Works	1890	1518662
G	179m SW	Unspecified Commercial/Industrial	1982	1432108
G	179m SW	Unspecified Mill	1974	1448810
G	180m SW	Unspecified Mill	1966	1448811
H	186m NW	Colliery	1982	1556489
B	187m N	Railway Sidings	1938	1567184
B	187m N	Railway Sidings	1904	1570959
H	189m NW	Railway Sidings	1974	1537439
H	189m NW	Colliery	1974	1564602
H	189m NW	Mineral Railway Sidings	1966	1480862
H	189m NW	Unspecified Mine	1966	1442819
B	210m NW	Disused Glass Works	1948	1555143
J	210m NW	Railway Sidings	1948	1567184
B	210m N	Unspecified Tank	1890	1473851
B	219m N	Unspecified Works	1992	1460682
B	223m NW	Unspecified Works	1992	1570155
B	228m NW	Unspecified Works	1966	1560388
L	231m SE	Unspecified Works	1992	1493497
L	231m SE	Unspecified Works	1982	1493497
B	233m NW	Unspecified Works	1982	1515906
B	233m NW	Unspecified Works	1974	1515906
B	234m N	Railway Building	1948	1476997
M	235m NE	Unspecified Works	1992	1536272
M	235m NE	Unspecified Works	1982	1536272
M	235m NE	Unspecified Works	1974	1536272
N	238m E	Railway Sidings	1966	1538140
2	239m NW	Cuttings	1850	1433800



ID	Location	Land Use	Date	Group ID
B	250m NW	Gasometers	1904	1445707
M	250m NE	Unspecified Works	1966	1540045
3	263m SE	Tan Yard	1850	1446358
O	269m E	Railway Sidings	1904	1567185
4	270m E	Railway Sidings	1894	1567185
P	270m E	Railway Sidings	1948	1567185
B	271m N	Refuse Heap	1974	1435414
N	271m E	Railway Sidings	1938	1567185
Q	271m E	Railway Sidings	1938	1567185
Q	271m E	Railway Sidings	1931	1567185
H	274m NW	Railway Sidings	1982	1540232
L	277m SE	Unspecified Foundry	1974	1449125
B	287m N	Unspecified Heap	1974	1468549
R	294m NE	Pumping Station	1982	1480809
S	299m NW	Railway Sidings	1938	1496678
S	299m NW	Railway Sidings	1904	1504457
S	299m NW	Railway Sidings	1890	1551665
T	300m NW	Colliery	1955	1497997
P	301m E	Railway Buildings	1948	1576649
T	303m NW	Colliery	1948	1530802
T	303m NW	Colliery	1948	1530802
P	303m E	Railway Buildings	1938	1575917
P	304m E	Railway Buildings	1955	1533050
O	310m E	Railway Sidings	1938	1567185
O	310m E	Railway Sidings	1931	1567185
5	312m E	Railway Building	1966	1476995
U	318m SE	Railway Sidings	1904	1536240
V	320m E	Unspecified Heap	1948	1468907



ID	Location	Land Use	Date	Group ID
U	320m SE	Railway Sidings	1948	1534575
V	322m E	Unspecified Ground Workings	1904	1441218
T	327m NW	Colliery	1938	1530802
T	327m NW	Colliery	1904	1550520
T	327m NW	Colliery	1890	1492766
V	329m SE	Railway Buildings	1955	1491411
V	329m SE	Railway Buildings	1904	1484713
X	332m SE	Unspecified Works	1974	1498100
P	334m E	Railway Building	1948	1476991
Y	336m W	Unspecified Pit	1948	1560378
Y	336m W	Unspecified Pit	1948	1560378
V	336m SE	Railway Building	1974	1476993
Y	336m W	Unspecified Pit	1966	1506225
Y	336m W	Unspecified Pit	1955	1556263
Z	350m W	Railway Building	1948	1569631
Z	352m W	Railway Building	1955	1548817
X	353m S	Unspecified Works	1992	1554818
X	353m S	Unspecified Works	1982	1554818
V	354m SE	Railway Station	1894	1570344
Z	355m W	Railway Building	1938	1522126
AA	356m S	Nursery	1974	1570402
AA	356m S	Nursery	1966	1570402
V	360m SE	Railway Station	1904	1572634
V	361m SE	Railway Station	1966	1507962
V	361m SE	Railway Station	1955	1551415
V	362m SE	Railway Station	1948	1534037
V	363m SE	Railway Station	1938	1551963
V	372m SE	Railway Building	1955	1476996



ID	Location	Land Use	Date	Group ID
J	373m NW	Colliery	1992	1500354
H	378m NW	Refuse Heap	1938	1568451
H	380m NW	Refuse Heap	1948	1568451
H	380m NW	Refuse Heap	1948	1568451
H	381m NW	Gravel Pit	1955	1474477
AB	385m N	Refuse Heap	1982	1556310
7	386m SE	Bleach and Dye works	1850	1442936
AC	386m NE	Unspecified Works	1992	1564018
AC	386m NE	Unspecified Works	1982	1564018
AC	386m NE	Unspecified Works	1974	1564018
AD	398m N	Unspecified Heap	1974	1530714
T	407m NW	Refuse Heap	1938	1532709
AD	411m N	Unspecified Heap	1948	1553637
AD	411m N	Unspecified Heap	1948	1553637
AD	414m N	Unspecified Heap	1955	1501027
V	419m SE	Railway Building	1904	1537434
V	421m SE	Railway Station	1938	1511491
V	421m SE	Railway Station	1931	1511491
V	422m SE	Railway Building	1948	1523153
AH	422m SE	Unspecified Warehouse	1992	1524538
AH	422m SE	Unspecified Warehouse	1982	1524538
V	423m SE	Railway Building	1938	1565318
AH	424m SE	Unspecified Warehouses	1974	1478805
AI	439m SE	Railway Sidings	1938	1492897
AI	439m SE	Railway Sidings	1931	1492897
T	441m NW	Refuse Heap	1948	1576021
T	441m NW	Refuse Heap	1948	1489392
AB	444m NW	Unspecified Ground Workings	1974	1542300



ID	Location	Land Use	Date	Group ID
AB	444m NW	Unspecified Ground Workings	1966	1542300
T	446m NW	Refuse Heap	1955	1568516
9	450m N	Railway Sidings	1948	1531912
AI	459m SE	Railway Sidings	1982	1524363
T	462m NW	Refuse Heaps	1948	1511583
T	462m NW	Refuse Heaps	1948	1511583
10	462m N	Unspecified Heap	1992	1468548
T	463m NW	Cuttings	1974	1433711
AJ	466m SE	Unspecified Works	1992	1552750
AJ	466m SE	Unspecified Works	1982	1552750
AJ	466m SE	Unspecified Works	1974	1552750
11	473m N	Railway Sidings	1948	1481184
J	474m NW	Refuse Heap	1948	1501133
J	474m NW	Refuse Heap	1948	1578906
AK	481m N	Railway Sidings	1948	1531912
J	481m NW	Unspecified Tank	1966	1473852
T	484m NW	Unspecified Heap	1966	1468550
AK	485m N	Railway Sidings	1938	1531912
AI	489m SE	Unspecified Works	1966	1460817
12	495m N	Railway Sidings	1938	1481185
AH	495m SE	Unspecified Heap	1938	1520725
AH	495m SE	Unspecified Heap	1931	1520725
U	497m SE	Railway Buildings	1966	1436306
AN	498m NE	Unspecified Heap	1948	1494656
AN	500m NE	Unspecified Ground Workings	1938	1547719
AN	500m NE	Unspecified Ground Workings	1931	1547719

This data is sourced from Ordnance Survey® / Groundsure.



2.2 Historical tanks

Records within 500m

23

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

Features are displayed on the Past land use - un-grouped map on [page 24](#) >

ID	Location	Land Use	Date	Group ID
B	215m N	Unspecified Tank	1892	255898
B	215m N	Unspecified Tank	1906	255898
B	254m NW	Gasometers	1906	237111
B	289m NW	Tanks	1892	247734
B	297m N	Unspecified Tank	1892	255525
B	297m N	Unspecified Tank	1906	255525
R	298m NE	Unspecified Tank	1995	239297
B	299m NW	Tanks	1906	247734
B	307m N	Unspecified Tank	1892	239302
B	343m NW	Tanks	1997	234455
B	345m NW	Tanks	1983	261826
B	346m NW	Tanks	1997	261826
B	351m NW	Unspecified Tank	1892	249976
B	351m NW	Unspecified Tank	1906	249976
B	352m NW	Tanks	1997	234456
B	358m NW	Tanks	1983	252526
B	358m NW	Tanks	1997	252526
B	372m NW	Tanks	1997	234454
J	481m NW	Unspecified Tank	1961	252778
J	482m NW	Unspecified Tank	1962	252778
AL	484m NE	Unspecified Tank	1972	249893
AL	485m NE	Unspecified Tank	1982	249893
AL	485m NE	Unspecified Tank	1995	249893



This data is sourced from Ordnance Survey® / Groundsure.

2.3 Historical energy features

Records within 500m

33

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

Features are displayed on the Past land use - un-grouped map on [page 24](#) >

ID	Location	Land Use	Date	Group ID
G	187m SW	Electricity Substation	1974	157987
G	188m SW	Electricity Substation	1997	157987
G	188m SW	Electricity Substation	1987	157987
F	203m SE	Electricity Substation	1982	148078
F	203m SE	Electricity Substation	1990	148078
F	203m SE	Electricity Substation	1990	148078
F	204m SE	Electricity Substation	1973	161778
F	204m SE	Electricity Substation	1993	148078
K	228m SE	Electricity Substation	1982	145436
K	228m SE	Electricity Substation	1990	145436
K	228m SE	Electricity Substation	1990	145436
K	229m SE	Electricity Substation	1973	146480
K	232m SE	Electricity Substation	1993	159879
B	254m NW	Gasometers	1906	144949
W	325m NE	Electricity Substation	1982	149828
W	325m NE	Electricity Substation	1990	149828
W	325m NE	Electricity Substation	1990	149828
W	325m NE	Electricity Substation	1993	149828
W	326m NE	Electricity Substation	1973	149828
6	384m N	Electricity Substation	1983	142933
8	393m NE	Electricity Substation	1995	144284



ID	Location	Land Use	Date	Group ID
AE	398m NE	Electricity Substation	1972	156920
AE	399m NE	Electricity Substation	1982	156920
AE	399m NE	Electricity Substation	1995	156920
AF	402m W	Electricity Substation	1997	154515
AF	419m W	Electricity Substation	1987	156229
AG	419m W	Electricity Substation	1974	156115
AG	420m W	Electricity Substation	1997	146995
AG	420m W	Electricity Substation	1987	156115
T	432m NW	Electricity Substation	1997	153953
T	432m NW	Electricity Substation	1983	153953
AM	487m S	Electricity Substation	1993	159663
AM	488m S	Electricity Substation	1973	159663

This data is sourced from Ordnance Survey® / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey® / Groundsure.

2.5 Historical garages

Records within 500m

8

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

Features are displayed on the Past land use - un-grouped map on [page 24 >](#)

ID	Location	Land Use	Date	Group ID
C	68m NW	Garage	1987	49731

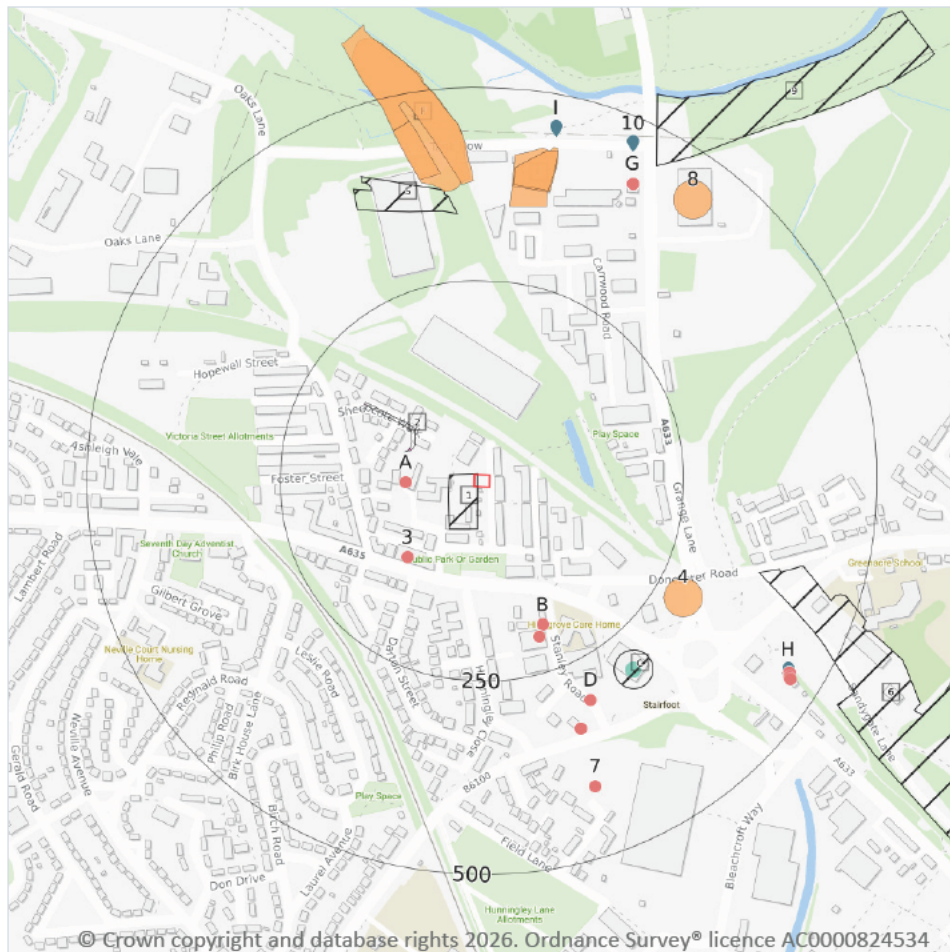


ID	Location	Land Use	Date	Group ID
C	85m NW	Garage	1974	47815
C	104m W	Garage	1997	49371
I	192m W	Garage	1987	50306
I	196m W	Garage	1962	52203
I	196m W	Garage	1974	49272
I	196m W	Garage	1961	48961
I	197m W	Garage	1997	51395

This data is sourced from Ordnance Survey® / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- Historical landfill (BGS)
- Historical landfill (LA/OS)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

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

3.2 Historical landfill (BGS records)

Records within 500m

1

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

Features are displayed on the Waste and landfill map on [page 35](#) >

ID	Location	Address	BGS Number	Risk	Waste Type
C	300m SE	Disused Canal, Doncaster Rd, Barnsley, Yorks	1891	No risk to aquifer	N/A

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	1
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Landfill sites identified from Local Authority records and high detail historical mapping.

Features are displayed on the Waste and landfill map on [page 35 >](#)

ID	Location	Site address	Source	Data type
2	85m NW	Refuse Tip	1973 mapping	Polygon

This data is sourced from the Ordnance Survey®/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	5
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Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on [page 35 >](#)

ID	Location	Details		
1	On site	Site Address: School Street, Stairfoot, Barnsley Licence Holder Address: School Street, Stairfoot, Barnsley	Waste Licence: Yes Site Reference: WD20 B205, 4400/B205, 20B205(73) Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 28/11/1977 Licence Surrender: 27/01/1984	Operator: Wilde and Hardy Licence Holder: Wilde and Hardie Limited First Recorded 28/11/1977 Last Recorded: 27/01/1984
C	275m SE	Site Address: Disused Canal - Doncaster Road, Stairfoot, Barnsley Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -



ID	Location	Details		
5	338m N	Site Address: Beatson Clark and Company Limited, Hoyle Mill Road, Stairfoot, Barnsley Licence Holder Address: Hoyle Mill Road, Stairfoot, Barnsley	Waste Licence: Yes Site Reference: WD20 B7, 4400/B7, 20B7(60) Waste Type: Inert, Industrial, Special Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 17/11/1977 Licence Surrender: 08/01/1985	Operator: Beaton Clark and Company Limited Licence Holder: Beaton Clark and Company Limited First Recorded 30/11/1977 Last Recorded: 08/01/1985
6	365m E	Site Address: Stairfoot Landfill Site, Stairfoot (North Quarry), Stairfoot, Barnsley Licence Holder Address: Cleansing Division, Smithies Lane, Barnsley	Waste Licence: Yes Site Reference: WD2 B20, 4400/B20, WD2 S10, WD20 B772 Waste Type: Inert, Industrial, Commercial, Household, Special, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 03/12/1986 Licence Surrender: 31/12/1990	Operator: Barnsley Metropolitan Borough Council Licence Holder: Barnsley Metropolitan Borough Council First Recorded 31/12/1987 Last Recorded: 31/12/1992
9	454m NE	Site Address: Railway Embankment, Grange Lane, Barnsley Licence Holder Address: Twibell Street, Barnsley	Waste Licence: Yes Site Reference: 20B521(24), 4400/B521, WD20 B521 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 13/06/1986 Licence Surrender: 21/02/1992	Operator: M White and A Peace Licence Holder: White and Peace c/o Twibell Plant Limited First Recorded 30/04/1986 Last Recorded: 31/10/1990

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

3.5 Historical waste sites

Records within 500m	8
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Waste site records derived from Local Authority planning records and high detail historical mapping. Features are displayed on the Waste and landfill map on [page 35](#) >

ID	Location	Address	Further Details	Date
4	263m SE	Site Address: Grange Lane, Carlisle Engineering Works, Grange Lane, Stairfoot, BARNSELY, South Yorkshire, S70 3NJ	Type of Site: Waste Transfer Station Planning application reference: 98/411 Description: Scheme includes weighbridge & car parking. The work will involve the construction of the industrial buildings, major concrete works and enabling works with car parking facilities. Detailed plans have been approved. Detailed plans have been approved. Data source: Historic Planning Application Data Type: Point	01/04/1999
E	348m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1995
F	367m N	Site Address: N/A	Type of Site: Scrap Yards Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1982
E	373m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1982
F	375m N	Site Address: N/A	Type of Site: Scrap Yards Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1983
E	375m N	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1972
F	387m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1983



ID	Location	Address	Further Details	Date
8	417m NE	Site Address: Grange Lane, Grange Lane, Stairfoot, BARNSELEY, South Yorkshire, S70 3NJ	Type of Site: Waste Transfer Station Planning application reference: 99/522 Description: The work will involve the construction of a waste transfer station and a 15 space car park. Detailed plans have been submitted. The project has been completed. (30/06/2000) Scheme has nearly completed. Data source: Historic Planning Application Data Type: Point	-

This data is sourced from Ordnance Survey®/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	5
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on [page 35 >](#)

ID	Location	Details		
H	452m SE	Site Name: W F S Metals Ltd Site Address: Wombwell Lane, Stairfoot, Barnsley, South Yorkshire, S70 3NT Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 644600 EPR reference: EA/EPR/RP3290ZC Operator: W F S Metals Limited Waste Management licence No: 60568 Annual Tonnage: 548	Issue Date: 04/12/1989 Effective Date: 04/12/1989 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
H	452m SE	Site Name: W F S Metals Ltd Site Address: Wombwell Lane, Stairfoot, Barnsley, South Yorkshire, S70 3NT Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: 670090 EPR reference: EA/EPR/RP3290ZC Operator: W F S Metals Limited Waste Management licence No: 60568 Annual Tonnage: 0	Issue Date: 04/12/1989 Effective Date: 04/12/1989 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired



ID	Location	Details		
I	456m N	Site Name: C Soar And Sons - Tank Row Works Site Address: Land/premises At, Grange Lane, Barnsley, South Yorkshire, S71 5AD Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CSO001 EPR reference: RP3590ZA/A001 Operator: C Soar & Sons Waste Management licence No: 60565 Annual Tonnage: 25000	Issue Date: 08/05/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
I	456m N	Site Name: C Soar And Sons - Tank Row Works Site Address: Tank Row Works, Grange Lane, Barnsley, South Yorkshire, S71 5AD Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CSO004 EPR reference: EA/EPR/TP3396EG/V003 Operator: C Soar & Sons (U K) Ltd Waste Management licence No: 60565 Annual Tonnage: 25000	Issue Date: 08/05/1989 Effective Date: 02/03/2011 Modified: 06/03/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
10	466m NE	Site Name: Tank Row Works - EPR/TP3396EG Site Address: C. Soar and Sons Ltd, Grange Lane, Stairfoot, South Yorkshire, S71 5AD Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 677991 EPR reference: EA/EPR/TP3396EG Operator: C. Soar & Sons (Uk) Limited Waste Management licence No: 60565 Annual Tonnage: 25000	Issue Date: 11/07/2011 Effective Date: 06/03/2014 Modified: 06/03/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m

27

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 35](#) >



ID	Location	Site	Reference	Category	Sub-Category	Description
A	89m W	1 Shepcote House, School Street, Stairfoot, Barnsley, S70 3pt	WEX224473	Treating waste exemption	Not on a farm	Recovery of scrap metal
A	89m W	1 Shepcote House, School Street, Stairfoot, Barnsley, S70 3pt	WEX224473	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
3	127m SW	317, Doncaster Road, Barnsley, S70 3pw	WEX383427	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	191m S	Stanley Road, Barnsley, S70 3pg	WEX443779	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	191m S	Stanley Road, Barnsley, S70 3pg	WEX443779	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
B	205m S	-	WEX229446	Treating waste exemption	Not on a farm	Manual treatment of waste
B	205m S	-	WEX355865	Treating waste exemption	Not on a farm	Manual treatment of waste
D	304m SE	-	WEX477863	Using waste exemption	Not on a farm	Use of waste for a specified purpose
D	333m S	Stanley Road, Barnsley, S70 3pg	WEX177556	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
D	333m S	Stanley Road, Barnsley, S70 3pg	WEX308479	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
D	333m S	Stanley Road, Barnsley, S70 3pg	WEX308479	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	333m S	Stanley Road, Barnsley, S70 3pg	WEX177556	Storing waste exemption	Not on a farm	Storage of waste in a secure place
7	410m S	The Bungalow, Albion Road, Barnsley, S70 3dy	WEX215717	Disposing of waste exemption	Not on a farm	Burning waste in the open
G	419m NE	Fit Out Uk Ltd, Unit 1 + 2, Tank Row, Off Grange Lane (A633), Barnsley, S71 5ad	WEX325407	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
G	419m NE	Fit Out Uk Ltd, Unit 1 + 2, Tank Row, Off Grange Lane (A633), Barnsley, S71 5ad	WEX325407	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
G	419m NE	Fit Out Uk Ltd, Unit 1 + 2, Tank Row, Off Grange Lane (A633), Barnsley, S71 5ad	WEX325407	Storing waste exemption	Not on a farm	Storage of waste in a secure place

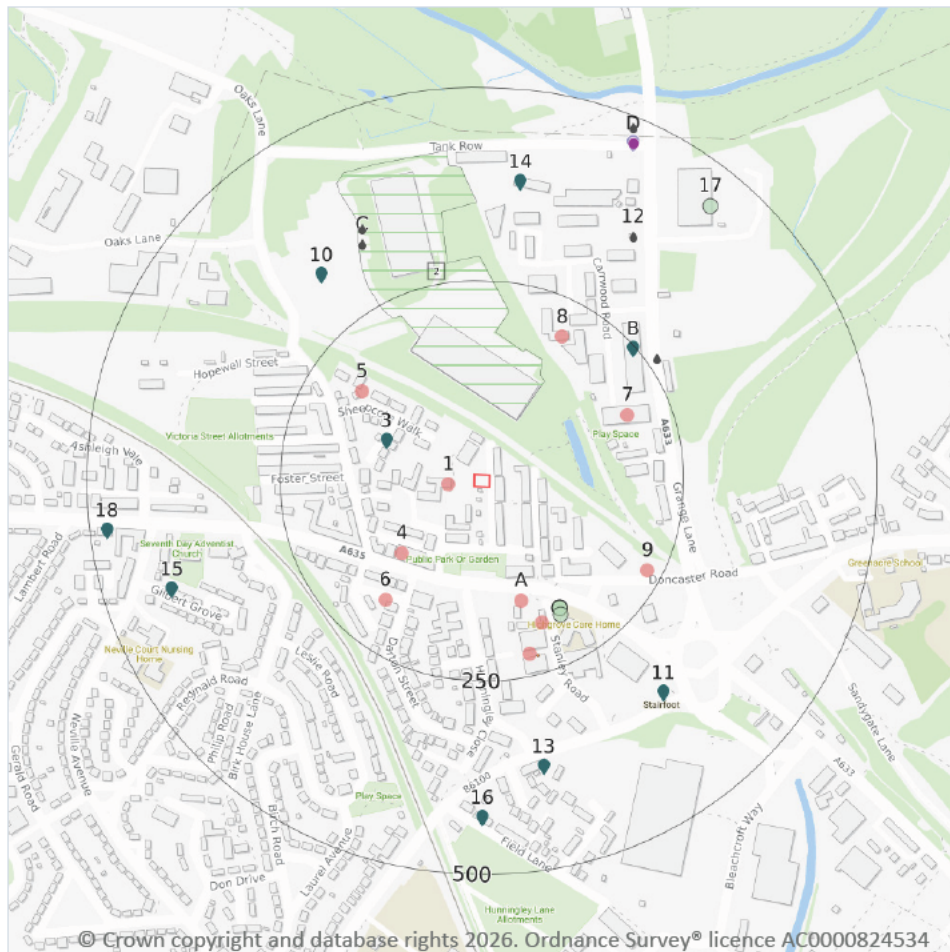


ID	Location	Site	Reference	Category	Sub-Category	Description
G	419m NE	Fit Out Uk Ltd, Unit 1 + 2, Tank Row, Off Grange Lane (A633), Barnsley, S71 5ad	WEX325407	Treating waste exemption	Not on a farm	Sorting mixed waste
G	419m NE	Prl Logistics Limited, Units 1 & 2, Tank Row, Barnsley, S71 5ad	WEX424669	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	419m NE	Prl Logistics Limited, Units 1 & 2, Tank Row, Barnsley, S71 5ad	WEX424669	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
G	419m NE	Prl Logistics Limited, Units 1 & 2, Tank Row, Barnsley, S71 5ad	WEX424669	Treating waste exemption	Not on a farm	Sorting mixed waste
G	419m NE	Prl Logistics Limited, Units 1 & 2, Tank Row, Barnsley, S71 5ad	WEX424669	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
H	456m SE	Lh & Sc Trading Wombwell Lane Barnsley South Yorkshire S70 3nt	EPR/AF0806PB /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
H	456m SE	Lh & Sc Trading Wombwell Lane Barnsley South Yorkshire S70 3nt	EPR/AF0806PB /A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
H	456m SE	Lh & Sc Trading Wombwell Lane Barnsley South Yorkshire S70 3nt	EPR/AF0806PB /A001	Treating waste exemption	Non-agricultural waste only	Sorting mixed waste
H	456m SE	Lh & Sc Trading Wombwell Lane Barnsley South Yorkshire S70 3nt	EPR/AF0806PB /A001	Treating waste exemption	Non-agricultural waste only	Recovery of scrap metal
H	459m SE	Veka Recycling Centre Wombwell Lane Barnsley South Yorkshire S70 3nt	EPR/JH0714AA /A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
H	461m SE	Wombwell Lane, Barnsley, S70 3nt	WEX223214	Treating waste exemption	Not on a farm	Recovery of scrap metal

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- NGD current or recent tanks
- ▨ Control of Major Accident Hazards
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)
- Pollution inventory waste transfers

4.1 Recent industrial land uses

Records within 250m

10

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 43](#) >

ID	Location	Company	Address	Activity	Category
1	33m W	Hutchinson Transport	School Street, Stairfoot, Barnsley, South Yorkshire, S70 3PT	Distribution and Haulage	Transport, Storage and Delivery
4	127m SW	Worsbrough Motor Spares	468-472, Doncaster Road, Stairfoot, Barnsley, South Yorkshire, S70 3PW	Vehicle Parts and Accessories	Motoring



ID	Location	Company	Address	Activity	Category
A	152m S	Gas Governor	South Yorkshire, S70	Gas Features	Infrastructure and Facilities
5	180m NW	Electricity Sub Station	South Yorkshire, S70	Electrical Features	Infrastructure and Facilities
6	186m SW	Electricity Sub Station	South Yorkshire, S70	Electrical Features	Infrastructure and Facilities
A	187m S	Gee Vee Travel	8, Stanley Road, Stairfoot, Barnsley, South Yorkshire, S70 3PG	Vehicle Hire and Rental	Hire Services
7	194m NE	D E M Windows Solutions Ltd	Unit 34 and Unit 35 Grange Lane Industrial Estate, Carrwood Road, Stairfoot, Barnsley, South Yorkshire, S71 5AS	General Construction Supplies	Industrial Products
8	202m NE	Jedson	Unit 31 Grange Lane Industrial Estate, Carrwood Road, Stairfoot, Barnsley, South Yorkshire, S71 5AS	General Construction Supplies	Industrial Products
A	221m S	Works	South Yorkshire, S70	Unspecified Works Or Factories	Industrial Features
9	231m SE	Electricity Sub Station	South Yorkshire, S70	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey®.

4.2 National Geographic Database (NGD) - Current or recent tanks

Records within 250m

1

Current or recent tanks identified from the Ordnance Survey® NGD.

Features are displayed on the Current industrial land use map on [page 43 >](#)

ID	Location	Tank description	Activity	Date first identified
A	224m S	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	24/10/2014

This data is sourced from Ordnance Survey®.



4.3 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.4 Sites determined as Contaminated Land

Records within 500m

0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.5 Control of Major Accident Hazards (COMAH)

Records within 500m

1

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on [page 43](#) >

ID	Location	Company	Address	Operational status	Tier
2	79m NE	PRL Logistics Limited	PRL Logistics Limited, Barnsley, Tank Row, Oaks Lane, Barnsley, South Yorkshire, S71 5AD	Historical COMAH Site	COMAH Lower Tier Operator

This data is sourced from the Health and Safety Executive.

4.6 Regulated explosive sites

Records within 500m

0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.



4.7 Hazardous substance storage/usage

Records within 500m

0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.8 Historical licensed industrial activities (IPC)

Records within 500m

0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

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

4.9 Licensed industrial activities (Part A(1))

Records within 500m

5

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

Features are displayed on the Current industrial land use map on [page 43](#) >

ID	Location	Details	
D	466m NE	Operator: C. SOAR & SONS (UK) LIMITED Installation Name: Tank Row Works - EPR/TP3396EG Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: TP3396EG Original Permit Number: YP3537HE	EPR Reference: EPR/TP3396EG Issue Date: 11/07/2011 Effective Date: 06/03/2014 Last date noted as effective: 21/05/2026 Status: Effective
D	466m NE	Operator: C. SOAR & SONS (UK) LIMITED Installation Name: Tank Row Works - EPR/TP3396EG Process: ASSOCIATED PROCESS Permit Number: TP3396EG Original Permit Number: YP3537HE	EPR Reference: EPR/TP3396EG Issue Date: 11/07/2011 Effective Date: 06/03/2014 Last date noted as effective: 21/05/2026 Status: Effective
D	466m NE	Operator: C. Soar & Sons (UK) Limited Installation Name: Tank Row Works - EPR/TP3396EG Process: ASSOCIATED PROCESS Permit Number: LP3435VH Original Permit Number: YP3537HE	EPR Reference: - Issue Date: 06/03/2014 Effective Date: 06/03/2014 Last date noted as effective: 21/03/2023 Status: Effective

ID	Location	Details	
D	466m NE	Operator: C. Soar & Sons (UK) Limited Installation Name: Tank Row Works - EPR/TP3396EG Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: LP3435VH Original Permit Number: YP3537HE	EPR Reference: - Issue Date: 06/03/2014 Effective Date: 06/03/2014 Last date noted as effective: 21/03/2023 Status: Effective
D	466m NE	Operator: C. Soar & Sons Ltd Installation Name: Tank Row Works EPR/TP3396EG/V002 Process: OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D Permit Number: YP3537HE Original Permit Number: YP3537HE	EPR Reference: - Issue Date: 11/07/2011 Effective Date: 11/07/2011 Last date noted as effective: 21/03/2023 Status: Superseded

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

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

Records within 500m	9
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Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on [page 43](#) >

ID	Location	Address	Details	
3	122m W	H Brown & Son Ltd, Oaks Garage, Hoyle Mill Rd, Stairfoot, S70 3EL	Process: Waste Oil Burner 0.4 MW Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
B	247m NE	Standard Piston Ring, Co Grange Lane, Stairfoot, Barnsley, S71 5AE	Process: Non-ferrous Metal Foundry Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
10	325m NW	Beatson Clark Place, Hoyle Mill Rd, Stairfoot, Barnsley, S70 3EU	Process: Lead Glass Manufacturing Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified



ID	Location	Address	Details	
11	348m SE	Perfecta Bedding Wombwell Mills, Barnsley Rd, Wombwell, S73 8EA	Process: Timber Manufacture Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
13	368m S	Hunningley Lane MOT, Hunningley Lane, Stairfoot, Barnsley, S70 3DT	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
14	381m N	C Soar & Son, Grange Lane, Barnsley, S71 5AD	Process: Non-ferrous Metal Foundry Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
15	413m W	Barnsley Service Station, Doncaster Rd, Barnsley, S70 3RD	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
16	427m S	Save Serv Station, Hunningley Lane, Stairfoot, Barnsley, S70 3DU	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
18	478m W	Stairfoot Dry Cleaner and Laundry Services, 253 Doncaster Road, Stairfoot, Barnsley, S70 3RH	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.11 Radioactive Substance Authorisations

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

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



4.12 Licensed Discharges to controlled waters

Records within 500m

7

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on [page 43](#) >

ID	Location	Address	Details	
B	263m NE	YWS UNKNOWN SITE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/CB/8 Permit Version: 1 Receiving Water: VARIES WITH OUTLET	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 29/05/1963 Effective Date: 29/05/1963 Revocation Date: 31/03/2005
C	331m NW	PREMISES AT HOYLE MILL LANE, HOYLE MILL LANE, STAIRFOOT, BARNSELY, SOUTH YORKSHIRE	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: 3735 Permit Version: 2 Receiving Water: RIVER DEARNE	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 23/08/1983 Effective Date: 23/08/1983 Revocation Date: 01/10/1996
C	331m NW	PREMISES AT HOYLE MILL LANE, HOYLE MILL LANE, STAIRFOOT, BARNSELY, SOUTH YORKSHIRE	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: WRA7287 Permit Version: 1 Receiving Water: RIVER DEARNE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 28/01/1997 Effective Date: 28/01/1997 Revocation Date: 08/08/2006
C	349m NW	PREMISES AT HOYLE MILL LANE, HOYLE MILL LANE, STAIRFOOT, BARNSELY, SOUTH YORKSHIRE	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: 3735 Permit Version: 2 Receiving Water: RIVER DEARNE	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 23/08/1983 Effective Date: 23/08/1983 Revocation Date: 01/10/1996
C	349m NW	PREMISES AT HOYLE MILL LANE, HOYLE MILL LANE, STAIRFOOT, BARNSELY, SOUTH YORKSHIRE	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: WRA7287 Permit Version: 1 Receiving Water: RIVER DEARNE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 28/01/1997 Effective Date: 28/01/1997 Revocation Date: 08/08/2006
12	359m NE	GRANGE LANE SPS, GRANGE LANE, BARNSELY, SOUTH YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: WADC193 Permit Version: 1 Receiving Water: RIVER DEARNE	Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 02/11/1989 Effective Date: 02/11/1989 Revocation Date: 28/01/2003



ID	Location	Address	Details	
D	485m N	C.G. CARLISLE LTD, GRANGE LANE, BARNSELY, SOUTH YORKSHIRE, S71 5AE	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 1419 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: 23/11/1984 Effective Date: 23/11/1984 Revocation Date: 23/07/1991

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

4.13 Pollutant release to surface waters (Red List)

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

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

4.14 Pollutant release to public sewer

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

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

4.15 List 1 Dangerous Substances

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

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

4.16 List 2 Dangerous Substances

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

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

4.17 Pollution Incidents (EA/NRW)

Records within 500m

9

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

Features are displayed on the Current industrial land use map on [page 43](#) >

ID	Location	Details	
A	180m SE	Incident Date: 13/06/2003 Incident Identification: 165442 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
A	180m SE	Incident Date: 13/06/2003 Incident Identification: 165442 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
A	180m SE	Incident Date: 13/06/2003 Incident Identification: 165442 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
A	180m SE	Incident Date: 13/06/2003 Incident Identification: 165442 Pollutant: Atmospheric Pollutants and Effects:Specific Waste Materials:Contaminated Water Pollutant Description: Smoke:Asbestos:Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
A	180m SE	Incident Date: 13/06/2003 Incident Identification: 165442 Pollutant: Atmospheric Pollutants and Effects:Contaminated Water:Specific Waste Materials Pollutant Description: Smoke:Firefighting Run- Off:Asbestos	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
A	180m SE	Incident Date: 13/06/2003 Incident Identification: 165442 Pollutant: Contaminated Water Specific Waste Materials Pollutant Description: Smoke Firefighting Run-Off Asbestos	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
A	180m SE	Incident Date: 13/06/2003 Incident Identification: 165442 Pollutant: Atmospheric Pollutants and Effects : Contaminated Water : Specific Waste Materials Pollutant Description: Smoke :Firefighting Run-Off :Asbestos	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)



ID	Location	Details	
A	188m SE	Incident Date: 15/10/2003 Incident Identification: 196414 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
17	450m NE	Incident Date: 07/06/2002 Incident Identification: 83416 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Other Atmospheric Pollutant or Effect	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

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

4.18 Pollution inventory substances

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

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

4.19 Pollution inventory waste transfers

Records within 500m	1
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The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

Features are displayed on the Current industrial land use map on [page 43 >](#)

ID: D, Location: 466m NE, Permit: TP3396EG
 Operator: C Soar and Sons Ltd
 Activity: OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D
 Address: C Soar And Sons Ltd Grange Lane Stairfoot South Yorkshire S71 5AD
 Sector: Waste Treatment, Sub-sector: Metals Recycling
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D5	SPECIALLY ENGINEERED LANDFILL (EG PLACEMENT INTO IINED DISCRETE CELLS WHICH ARE CAPPED AND ISOLATED FROM ONE ANOTHER AND THE ENVIRONMENT, ETC)	-	ABSOLUTE VALUE	19 12 12	OTHER WASTES (INCLUDING MIXTURES OF MATERIALS) FROM MECHANICAL TREATMENT OF WASTES OTHER THAN THOSE MENTIONED IN 19 12 11	NO
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	19 12 02	FERROUS METAL	NO
R3	RECYCLING/RECLAMATION OF ORGANIC SUBSTANCES WHICH ARE NOT USED AS SOLVENTS (INCLUDING COMPOSTING AND OTHER BIOLOGICAL TRANSFORMATIN PROCESSES)	-	ABSOLUTE VALUE	19 12 07	WOOD OTHER THAN THAT MENTIONED IN 19 12 06	NO
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	19 12 03	NON-FERROUS METAL	NO
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	16 02 14	DISCARDED EQUIPMENT OTHER THAN THOSE MENTIONED IN 16 02 09 TO 16 02 13	NO
R5	RECYCLING/RECLAMATION OF OTHER INORGANIC MATERIALS	-	ABSOLUTE VALUE	17 01 03	TILES AND CERAMICS	NO
R5	RECYCLING/RECLAMATION OF OTHER INORGANIC MATERIALS	-	ABSOLUTE VALUE	17 01 01	CONCRETE	NO
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	17 04 11	CABLES OTHER THAN THOSE MENTIONED IN 17 04 10	NO
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	16 02 16	COMPONENTS REMOVED FROM DISCARDED EQUIPMENT OTHER THAN THOSE MENTIONED IN 16 02 15	NO
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	16 06 05	OTHER BATTERIES AND ACCUMULATORS	NO
R3	RECYCLING/RECLAMATION OF ORGANIC SUBSTANCES WHICH ARE NOT USED AS SOLVENTS (INCLUDING COMPOSTING AND OTHER BIOLOGICAL TRANSFORMATIN PROCESSES)	-	ABSOLUTE VALUE	20 03 01	MIXED MUNICIPAL WASTE	NO



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	20 01 36	DISCARDED ELECTRICAL AND ELECTRONIC EQUIPMENT OTHER THAN THOSE MENTIONED IN 20 01 21, 20 01 23 AND 20 01 35	NO
R3	RECYCLING/RECLAMATION OF ORGANIC SUBSTANCES WHICH ARE NOT USED AS SOLVENTS (INCLUDING COMPOSTING AND OTHER BIOLOGICAL TRANSFORMATION PROCESSES)	-	ABSOLUTE VALUE	17 05 04	SOIL AND STONES OTHER THAN THOSE MENTIONED IN 17 05 03	NO
R9	OIL E-REFINING OR OTHER REUSES OF OIL	-	ABSOLUTE VALUE	13 03 07	MINERAL-BASED NON-CHLORINATED INSULATING AND HEAT TRANSMISSION OILS	YES
D10	INCINERATION ON LAND	-	ABSOLUTE VALUE	13 03 01	INSULATING OR HEAT TRANSMISSION OILS CONTAINING PCBS	YES
R9	OIL E-REFINING OR OTHER REUSES OF OIL	-	ABSOLUTE VALUE	13 03 10	OTHER INSULATING AND HEAT TRANSMISSION OILS	YES
R9	OIL E-REFINING OR OTHER REUSES OF OIL	-	ABSOLUTE VALUE	16 07 08	WASTES CONTAINING OIL	YES
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	16 06 01	LEAD BATTERIES	YES
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	17 04 10	CABLES CONTAINING OIL, COAL TAR AND OTHER DANGEROUS SUBSTANCES	YES
R4	RECYCLING/RECLAMATION OF METALS AND METAL COMPOUNDS	-	ABSOLUTE VALUE	16 02 09	TRANSFORMERS AND CAPACITORS CONTAINING PCBS	YES
R9	OIL E-REFINING OR OTHER REUSES OF OIL	-	ABSOLUTE VALUE	13 02 08	OTHER ENGINE, GEAR AND LUBRICATING OILS	YES
D9	PHYSIO-CHEMICAL TREATMENT NOT SPECIFIED ELSEWHERE IN THIS TABLE WHICH RESULTS IN FINAL COMPOUNDS OR MIXTURES WHICH ARE DISCARDED BY MEANS OF ANY OF THE OPERATIONS NUMBERS D1 TO D12 (EG EVAPORATION, DRYING, CALCINATION, ETC.)	-	ABSOLUTE VALUE	13 05 08	MIXTURES OF WASTES FROM GRIT CHAMBERS AND OIL/WATER SEPARATORS	YES



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

4.20 Pollution inventory radioactive waste

Records within 500m

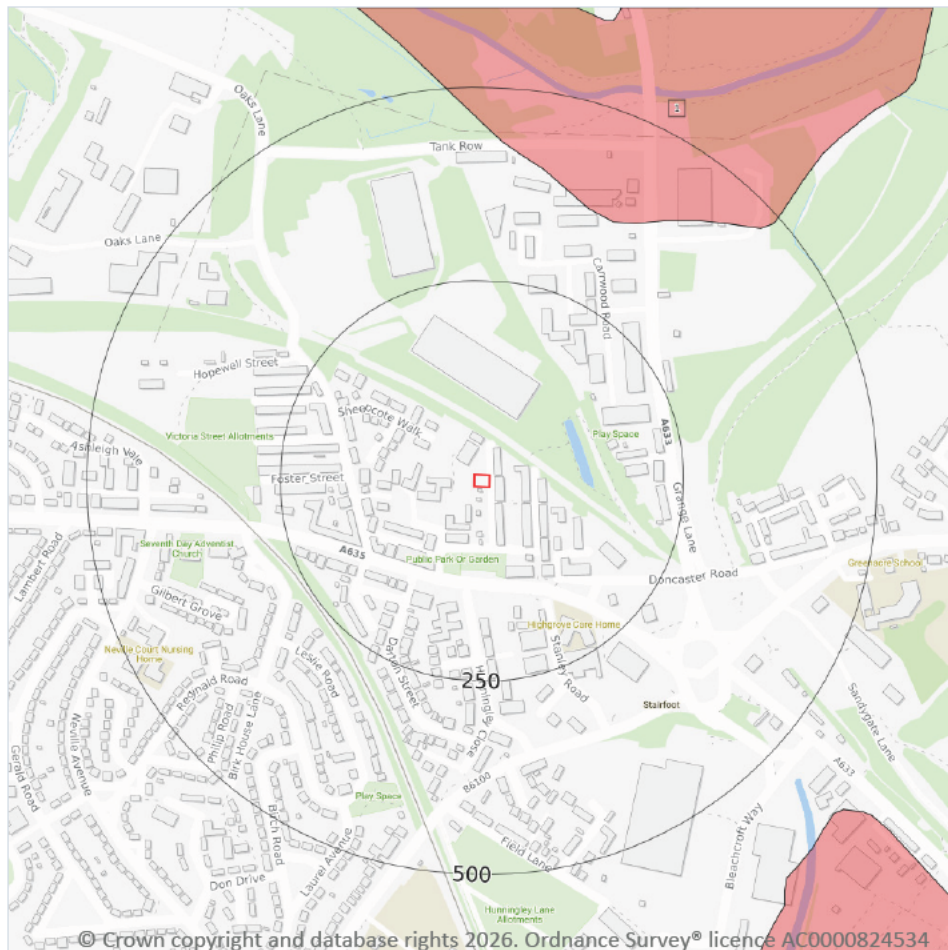
0

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

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



5 Hydrogeology - Superficial aquifer



- Site Outline**
- Search buffers in metres (m)**
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

1

Aquifer status of groundwater held within superficial geology.

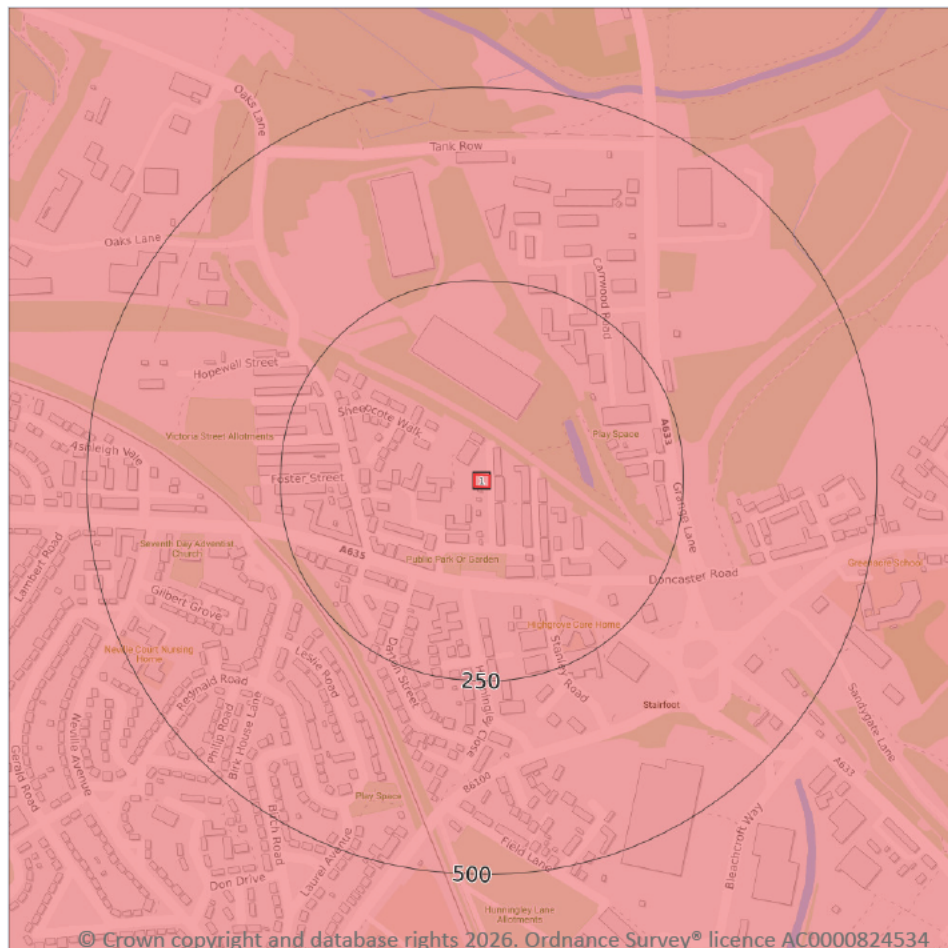
Features are displayed on the Hydrogeology map on [page 56](#) >

ID	Location	Designation	Description
1	364m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

1

Aquifer status of groundwater held within bedrock geology.

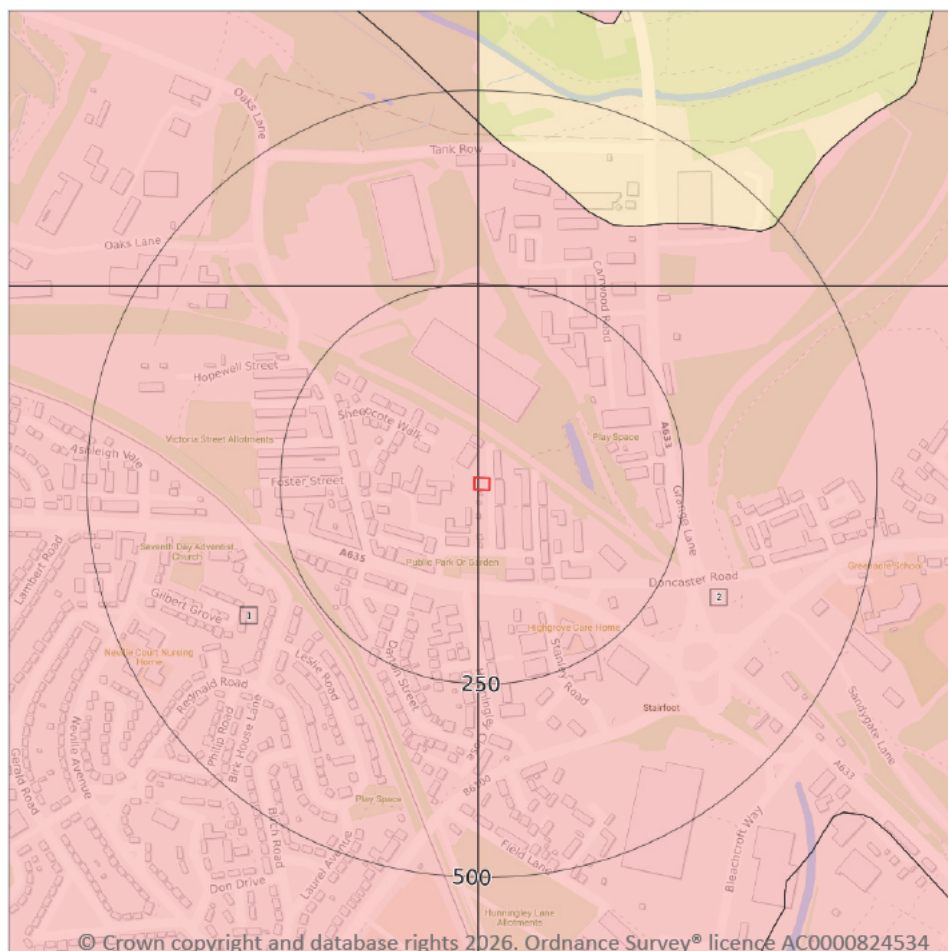
Features are displayed on the Bedrock aquifer map on [page 57](#) >

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

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

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

Features are displayed on the Groundwater vulnerability map on [page 58](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

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

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

5.5 Groundwater vulnerability- local information

Records on site

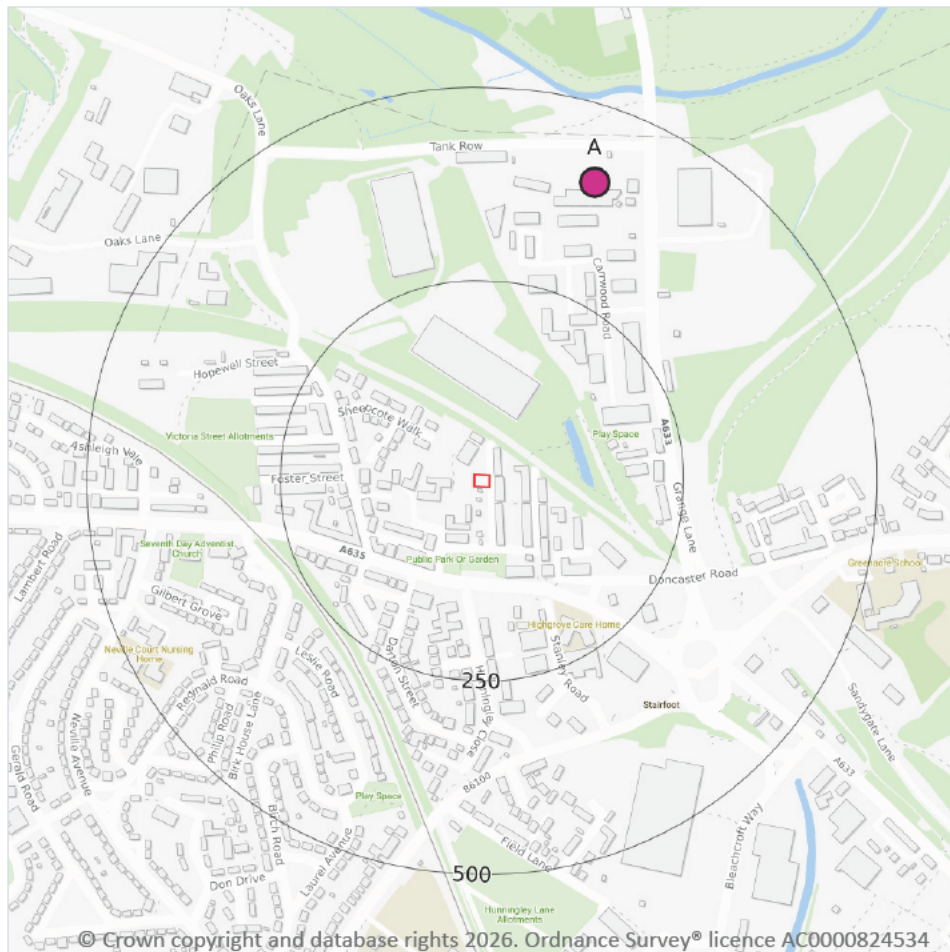
0

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

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



Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (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
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Point features
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

5

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 60](#) >

ID	Location	Details	
A	401m N	Status: Historical Licence No: 2/27/08/124 Details: General Washing/Process Washing Direct Source: GROUNDWATERS Point: WELL - SUPERFICIAL DRIFT - STAIRFOOT Data Type: Point Name: C SOAR & SONS Easting: 437150 Northing: 406130	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/07/1999 Expiry Date: - Issue No: 100 Version Start Date: 14/07/1999 Version End Date: -
A	401m N	Status: Historical Licence No: 2/27/08/124 Details: General Washing/Process Washing Direct Source: GROUNDWATERS Point: WELL - SUPERFICIAL DRIFT - STAIRFOOT Data Type: Point Name: C SOAR & SONS Easting: 437150 Northing: 406130	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/07/1999 Expiry Date: - Issue No: 100 Version Start Date: 14/07/1999 Version End Date: -
-	1796m NW	Status: Active Licence No: NE/027/0008/014 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - OAKWELL ROAD - BARNSELY Data Type: Point Name: Barnsley Football Club 2002 Ltd Easting: 435336 Northing: 406441	Annual Volume (m ³): 21400 Max Daily Volume (m ³): 100 Original Application No: NPS/WR/016056 Original Start Date: 29/06/2015 Expiry Date: 31/03/2029 Issue No: 1 Version Start Date: 29/06/2015 Version End Date: -
-	1890m E	Status: Historical Licence No: 2/27/08/029 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: SPRING NO1 Data Type: Point Name: LOW LAITHES DAIRY FARM LTD Easting: 438900 Northing: 405600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1990 Version End Date: -
-	1890m E	Status: Historical Licence No: 2/27/08/029 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: SPRING NO1 - LOW LAITHES Data Type: Point Name: LOW LAITHES DAIRY FARM LTD Easting: 438900 Northing: 405600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1990 Version End Date: -

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



5.7 Surface water abstractions

Records within 2000m

4

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 60](#) >

ID	Location	Details	
-	1690m NW	Status: Historical Licence No: 2/27/08/122 Details: Make-Up or Top Up Water Direct Source: SURFACE WATER Point: RIVER DEARNE Data Type: Point Name: BARNSELEY METROPOLITAN BOROUGH COUNCIL Easting: 435710 Northing: 406850	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 07/10/1998 Expiry Date: 31/10/2006 Issue No: 101 Version Start Date: 01/08/2002 Version End Date: -
-	1690m NW	Status: Historical Licence No: 2/27/08/122 Details: Make-Up or Top Up Water Direct Source: SURFACE WATER Point: RIVER DEARNE Data Type: Point Name: BARNSELEY METROPOLITAN BOROUGH COUNCIL Easting: 435710 Northing: 406850	Annual Volume (m³): 7800 Max Daily Volume (m³): 86.6 Original Application No: - Original Start Date: 07/10/1998 Expiry Date: 31/10/2006 Issue No: 101 Version Start Date: 01/08/2002 Version End Date: -
-	1690m NW	Status: Historical Licence No: 2/27/08/141 Details: Make-Up Or Top Up Water Direct Source: SURFACE WATER Point: RIVER DEARNE Data Type: Point Name: BARNSELEY METROPOLITAN BOROUGH COUNCIL Easting: 435710 Northing: 406850	Annual Volume (m³): 7800 Max Daily Volume (m³): 86.6 Original Application No: - Original Start Date: 13/03/2007 Expiry Date: 31/03/2017 Issue No: 1 Version Start Date: 01/04/2008 Version End Date: -



ID	Location	Details	
-	1692m NW	Status: Active Licence No: 2/27/08/141/R01 Details: Make-Up Or Top Up Water Direct Source: SURFACE WATER Point: RIVER DEARNE AT DEARNE VALLEY COUNTRY PARK Data Type: Point Name: BARNSELY METROPOLITAN BOROUGH COUNCIL Easting: 435704 Northing: 406846	Annual Volume (m ³): 5850 Max Daily Volume (m ³): 86.6 Original Application No: NPS/WR/021590 Original Start Date: 12/04/2017 Expiry Date: 31/03/2029 Issue No: 1 Version Start Date: 01/04/2019 Version End Date: -

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

5.8 Potable abstractions

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

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

5.9 Source Protection Zones

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

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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

5.10 Source Protection Zones (confined aquifer)

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

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

6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS NGD)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS NGD)

Records within 250m

1

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

Features are displayed on the Hydrology map on [page 64](#) >

ID	Location	Type of water feature	Ground level	Permanence	Name
4	135m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey®.



6.2 Surface water features

Records within 250m

1

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

Features are displayed on the Hydrology map on [page 64](#) >

This data is sourced from the Ordnance Survey®.

6.3 WFD Surface water body catchments

Records on site

1

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

Features are displayed on the Hydrology map on [page 64](#) >

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Dove from Source to River Dearne	GB104027057510	Dearne	Don and Rother

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

6.4 WFD Surface water bodies

Records identified

1

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

Features are displayed on the Hydrology map on [page 64](#) >

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1908m S	River	Dove from Source to River Dearne	GB104027057510 ↗	No longer applicable	Does not require assessment	Moderate	2022



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

6.5 WFD Groundwater bodies

Records on site

1

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

Features are displayed on the Hydrology map on [page 64](#) >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Don & Rother Millstone grit & Coal Measures	GB40402G992300 ↗	Poor	Poor	Good	2019

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



7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

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

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

7.2 Historical Flood Events

Records within 250m

0

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

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

7.3 Flood Defences

Records within 250m

0

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

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



7.4 Flood Storage Areas

Records within 250m

0

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

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



River and coastal flooding - Flood Zones

7.5 Flood Zone 2

Records within 50m	0
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Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

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

7.6 Flood Zone 3

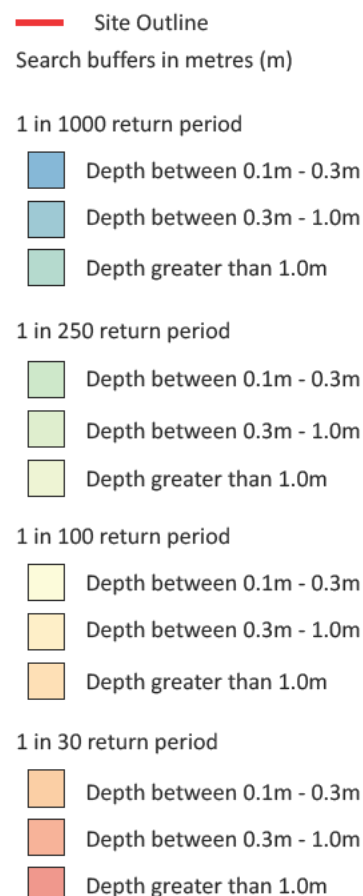
Records within 50m	0
--------------------	---

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

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on [page 70](#) >

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



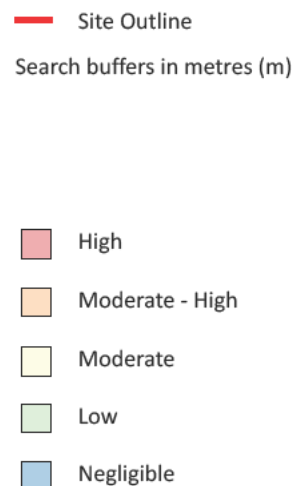
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Negligible

Highest risk within 50m

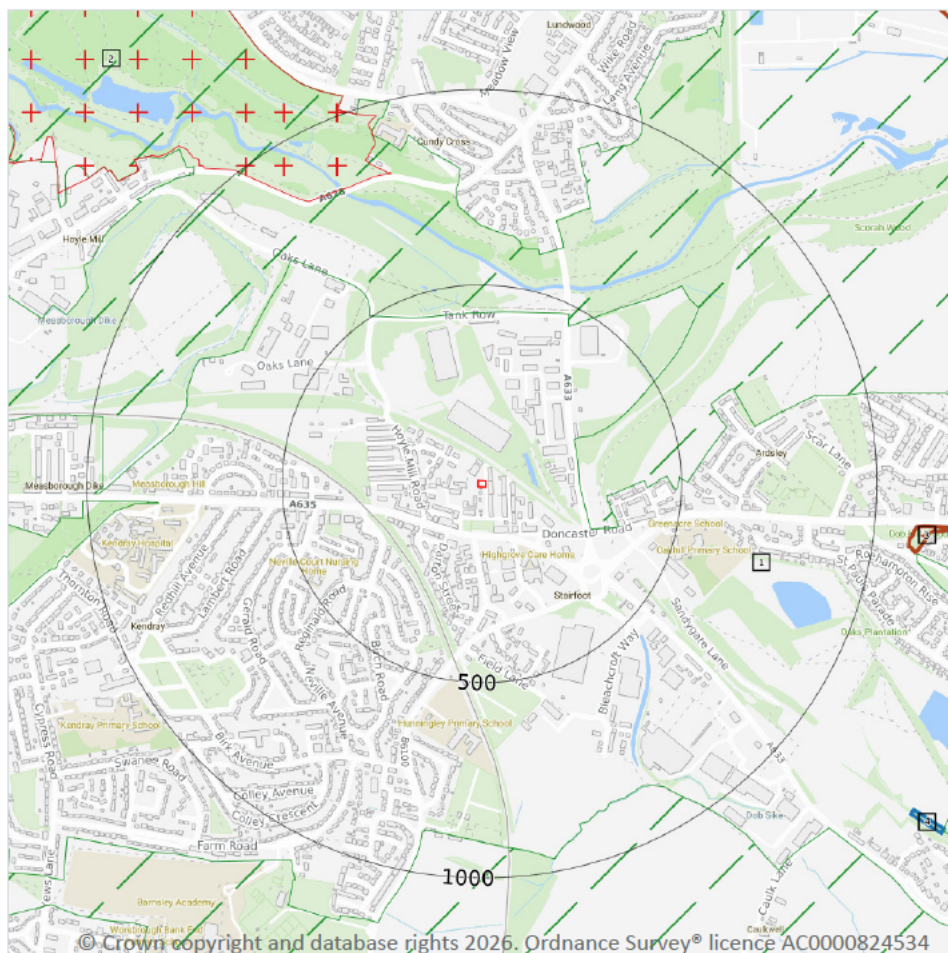
Negligible

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

Features are displayed on the Groundwater flooding map on [page 72 >](#)

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- ▣ Sites of Special Scientific Interest (SSSI)
- + Local Nature Reserves (LNR)
- ▣ Designated Ancient Woodland
- ▣ Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 73](#) >

ID	Location	Name	Data source
4	1371m SE	Stairfoot Brickworks SSSI	Natural England



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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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



10.6 Local Nature Reserves (LNR)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 73 >](#)

ID	Location	Name	Data source
2	817m N	Dearne Valley Park	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

12

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

Features are displayed on the Environmental designations map on [page 73 >](#)

ID	Location	Name	Woodland Type
3	1093m E	Dob Hill Wood	Ancient & Semi-Natural Woodland
-	1453m S	Swaithe Wood	Ancient & Semi-Natural Woodland
-	1669m E	Unknown	Ancient & Semi-Natural Woodland
-	1669m E	Unknown	Ancient & Semi-Natural Woodland
B	1676m NE	Unknown	Ancient & Semi-Natural Woodland
B	1676m NE	Unknown	Ancient & Semi-Natural Woodland
-	1744m NW	Unknown	Ancient & Semi-Natural Woodland
-	1785m NE	Unknown	Ancient & Semi-Natural Woodland
-	1785m NE	Unknown	Ancient & Semi-Natural Woodland
-	1867m SW	Darley Cliff Plantation	Ancient & Semi-Natural Woodland
-	1938m NE	Unknown	Ancient & Semi-Natural Woodland
-	1938m NE	Unknown	Ancient & Semi-Natural Woodland



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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

2

Areas designated to prevent urban sprawl by keeping land permanently open.

Features are displayed on the Environmental designations map on [page 73](#) >

ID	Location	Name	Local Authority name
1	239m E	South and West Yorkshire Green Belt	Barnsley
-	1776m SW	South and West Yorkshire Green Belt	Barnsley

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



10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.



10.16 Nitrate Vulnerable Zones

Records within 2000m

2

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

Location	Name	Type	NVZ ID	Status
On site	River Dearne NVZ	Surface Water	278	Existing
229m N	River Dearne NVZ	Surface Water	278	Existing

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



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on [page 79 >](#)

ID	Location	Type of developments requiring consultation
1	On site	https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0301000500040&notes=&location=436593,406785%20(IRZ%20polygon%20centre)

This data is sourced from Natural England.



10.18 SSSI Units

Records within 2000m**1**

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

Features are displayed on the SSSI Impact Zones and Units map on [page 79 >](#)

ID: A
Location: 1371m SE
SSSI name: Stairfoot Brickworks
Unit name: Embankment
Broad habitat: Earth Heritage
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
ED - Westphalian	Unfavourable - Declining	04/05/2023

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



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

0

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



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

11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

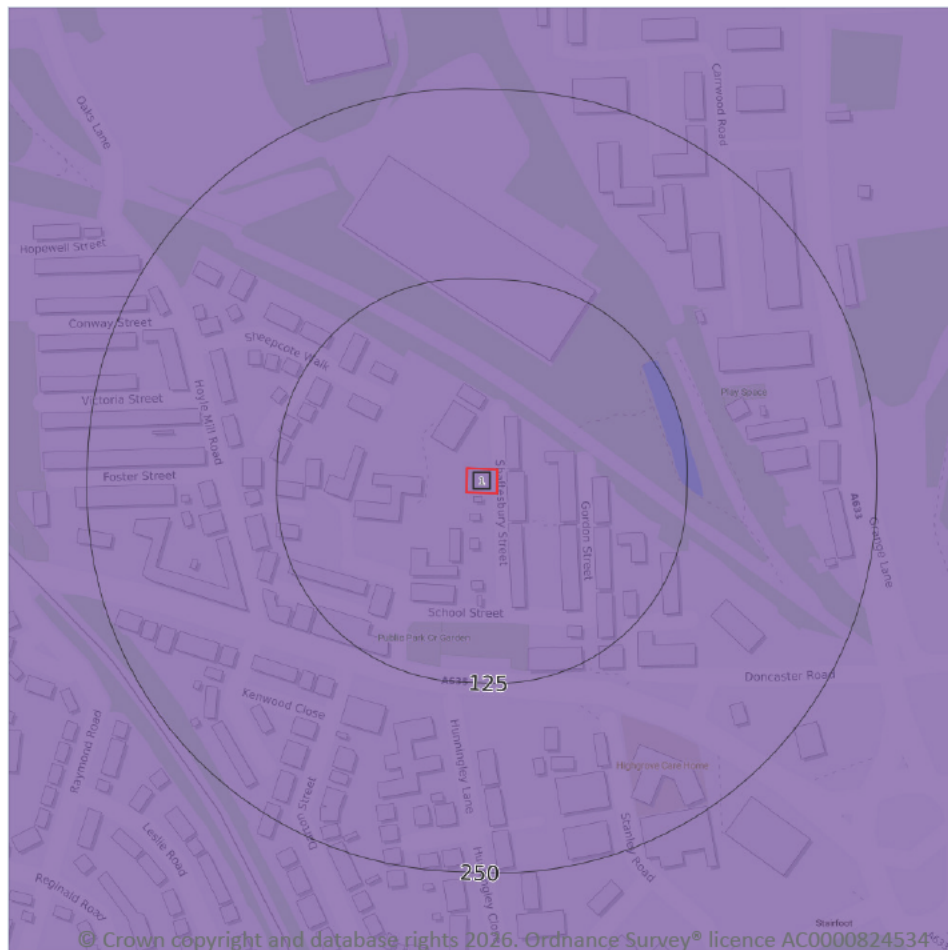
0

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

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



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

1

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

Features are displayed on the Agricultural designations map on [page 83](#) >

ID	Location	Classification	Description
1	On site	Urban	Non-agricultural/no quality assigned

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

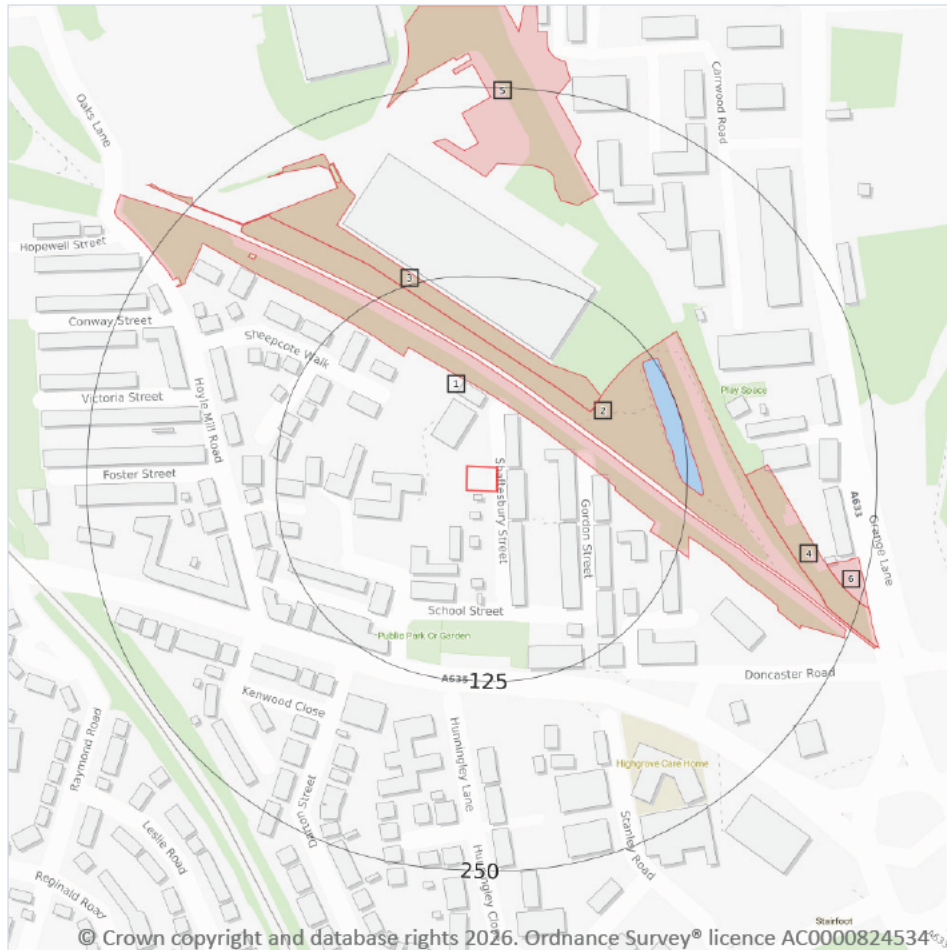
Records within 250m

0

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

This data is sourced from Natural England.

13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

6

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

Features are displayed on the Habitat designations map on [page 85 >](#)

ID	Location	Main Habitat	Other habitats
1	38m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	54m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	66m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	164m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	181m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	222m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

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

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

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

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

This data is sourced from Natural England.

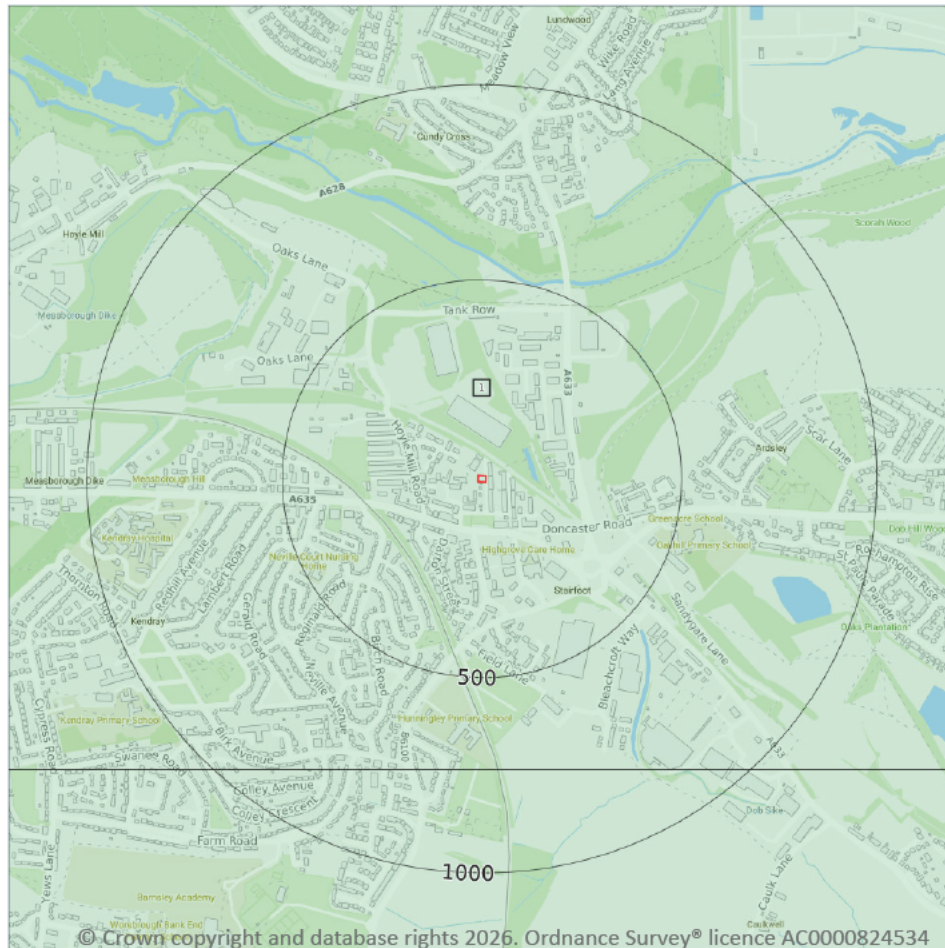
13.4 Limestone Pavement Orders

Records within 250m	0
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Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on [page 87](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SE30NE

This data is sourced from the British Geological Survey.



[illegible]

-  Reclaimed ground
-  Made ground
-  Worked ground
-  Infilled ground
-  Disturbed ground
-  Landscaped ground

Records within 500m	13
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Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 88](#) >

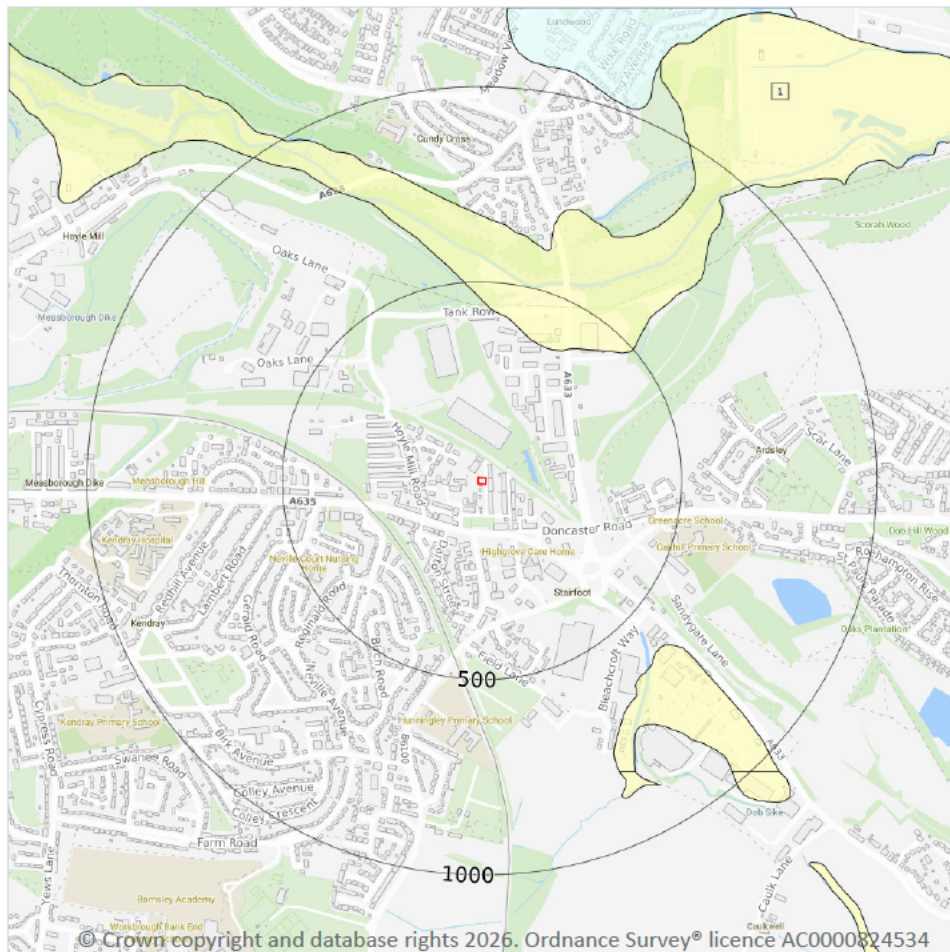
ID	Location	LEX Code	Description	Rock description
A	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
1	51m E	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
A	63m W	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
2	121m E	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit

ID	Location	LEX Code	Description	Rock description
3	228m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
4	236m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
5	274m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
6	323m W	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
7	335m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
8	356m S	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
9	399m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
10	458m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit
11	481m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

1

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 90](#) >

ID	Location	LEX Code	Description	Rock description
1	367m NE	ALV-XCZ	Alluvium-Clay And Silt	Clay and silt

This data is sourced from the British Geological Survey.



14.4 Landslip (10k)

Records within 500m

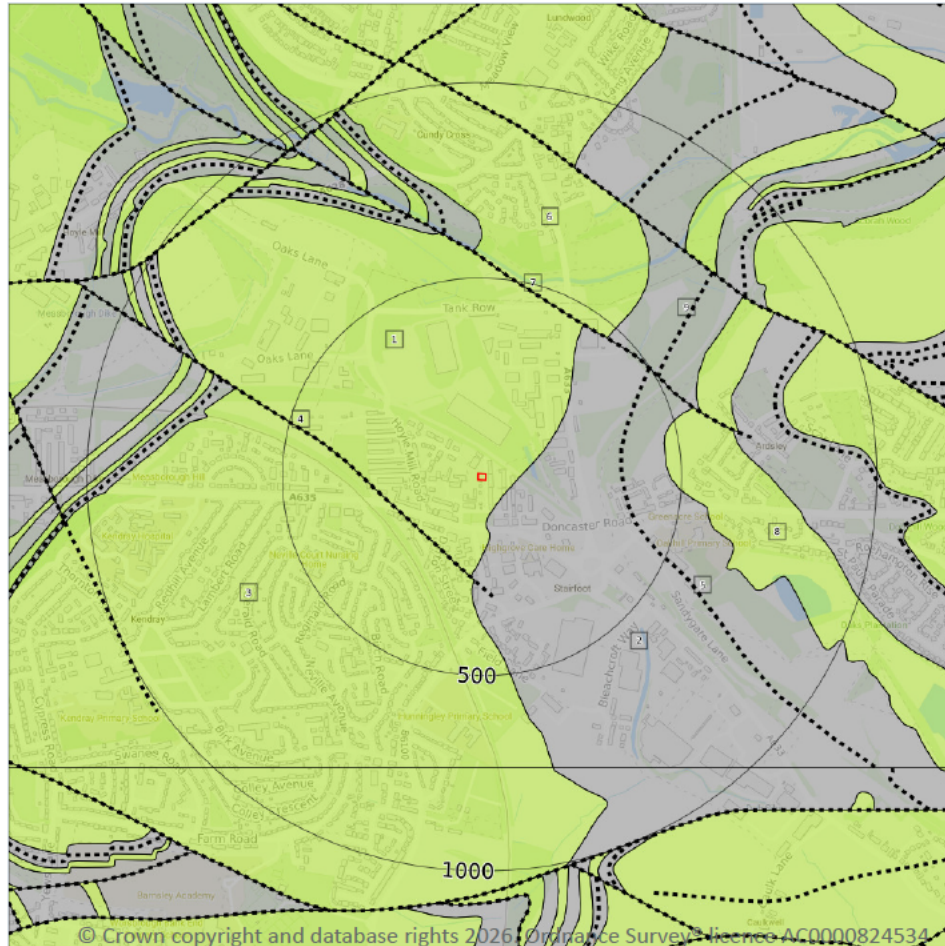
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

..... Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

6

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 92](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	OR-SDST	Oaks Rock-Sandstone	Westphalian
2	59m SE	PMCM-MDSS	Pennine Middle Coal Measures Formation-Mudstone, Siltstone And Sandstone	Westphalian
3	195m SW	OR-SDST	Oaks Rock-Sandstone	Westphalian



ID	Location	LEX Code	Description	Rock age
6	456m NE	OR-SDST	Oaks Rock-Sandstone	Westphalian
8	461m E	ACR-SDST	Ackton Rock-Sandstone	Westphalian
9	466m NE	PMCM-MDSS	Pennine Middle Coal Measures Formation-Mudstone, Siltstone And Sandstone	Westphalian

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

3

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

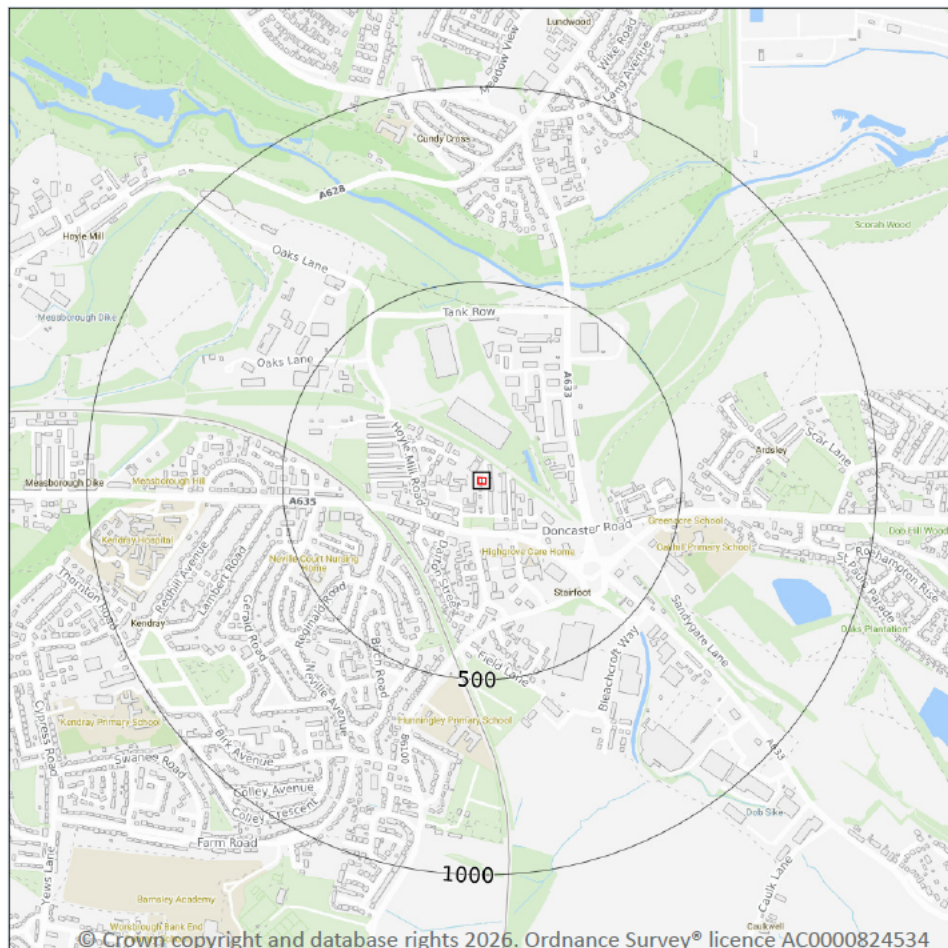
Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 92](#) >

ID	Location	Category	Description
4	195m SW	FAULT	Fault, inferred, displacement unknown
5	346m E	FOSSIL_HORIZON	Marine band
7	456m NE	FAULT	Fault, inferred, displacement unknown

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

☐ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

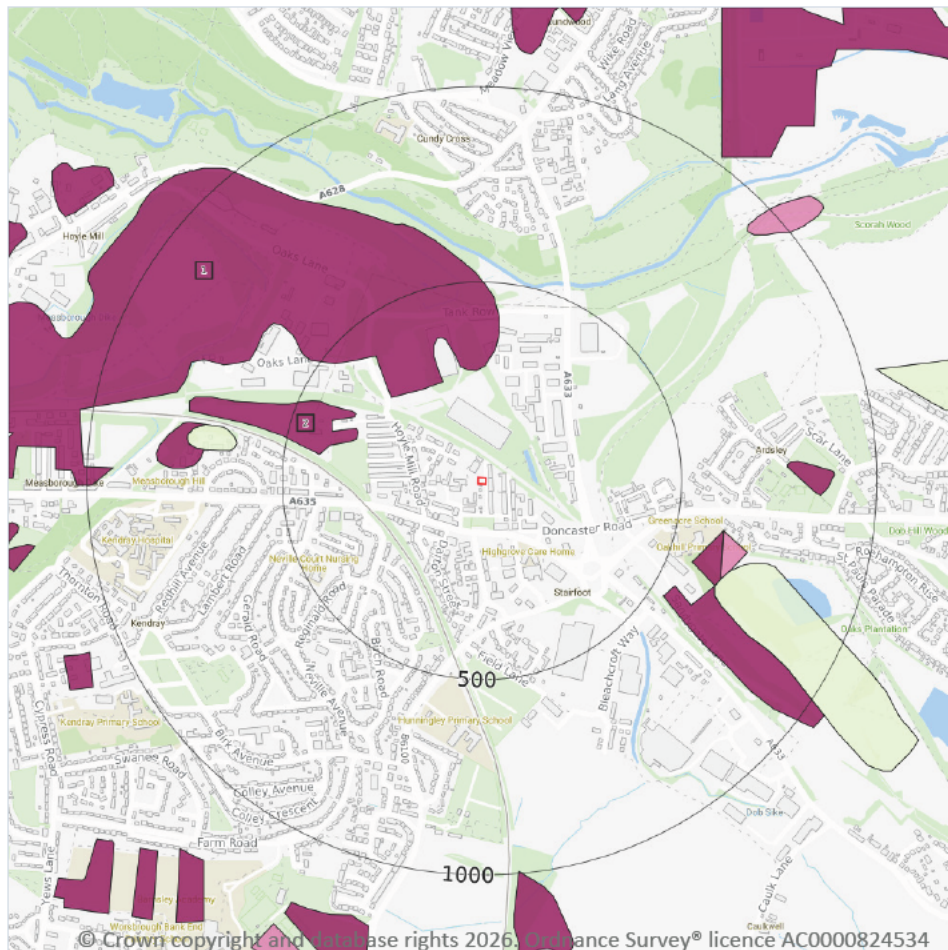
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 94](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	Full	EW087_barnsley_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



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

15.2 Artificial and made ground (50k)

Records within 500m

2

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on [page 95](#) >

ID	Location	LEX Code	Description	Rock description
1	261m N	MGR-ARTDP	Made Ground	Artificial deposit
2	326m W	MGR-ARTDP	Made Ground	Artificial deposit

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

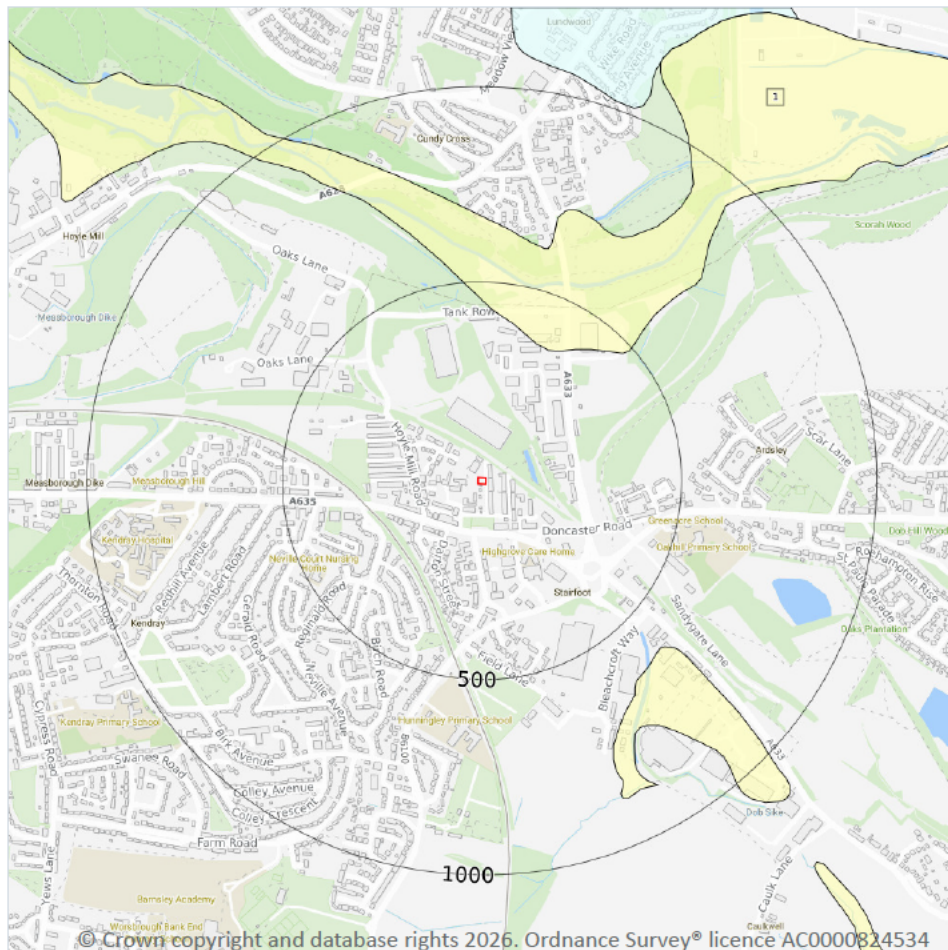
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 97](#) >

ID	Location	LEX Code	Description	Rock description
1	364m NE	ALV-XCZSV	Alluvium	Clay, silt, sand and gravel

This data is sourced from the British Geological Survey.



15.5 Superficial permeability (50k)

Records within 50m

0

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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

0

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

This data is sourced from the British Geological Survey.

