PHASE 1 DESK STUDY & GEO-ENVIRONMENTAL APPRAISAL

32 STATION ROAD
BATLEY
WF17 5SU

Document Status: FINAL Revision: v1	For **Kwabena Acheampong & NOKSBBA Ltd** **18 Bluebell Close** **Kingsnorth** **Ashford** **TN23 3NG**

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Job Nº MGEO 2507 WF17 5SU ph1 Date: July 2025

Executive Summary and Conceptual Site Model

Site Setting	Client	Kwabena Acheampong &NOKSBBA Ltd
	Site	32 Station Road Batley WF17 5SU
	Site Location	424866E 423775N
	Current Land Use & Development Proposal	The site was an irregular shaped parcel of land occupied by the existing property at 32 Station Road near to the centre of Batley. It is planned to redevelop the existing building for residential use.
Conceptual Site Model Potential Pollutant Linkages	Site History	The site was developed with the existing buildings from at least 1890 when the existing site layout was marked as Warehouses.
	Surrounding Area	The site was situated in Batley within an urban mixed residential and commercial setting.
	Geology	The British Geological Survey (BGS) 1:50,000 scale map solid & drift Digital Geological Map of Great Britain indicates the site is underlain by Thornhill Rock, a sandstone formed approximately 315 to 318 million years ago in the Carboniferous Period. These strata will weather to both cohesive and granular strata depending on the site aspect and local conditions.
	Hydrogeology	The aquifers within the bedrock deposits are designated as 'Secondary A'. These are described as permeable layers capable of supporting water supplies at a local rather than strategic scale, and a source of base flow to rivers.
	Possible pollutant linkages on undeveloped site determined from a desk study and site walkover	
	Preliminary Sources	The use of the site as Warehouses and the mill warehouses and garage on surrounding land are considered potential sources of contamination.
	Preliminary Pathways	• Ingestion, inhalation or direct contact • Leaching through unsaturated zone • Direct contact with free phase or dissolved phase • Fugitive dust • Migration through Soils or groundwater to indoor air
	Potential Receptors	• Site Workers • End users of the site • Neighbours • Groundwater and possible abstractors or aquatic ecosystems • Building Products
	Summary Findings	**Contamination** - Based on the past history of the site the probability of contamination being present sufficient to affect the identified existing receptors is considered to be a low risk. The current uses of the site were considered to have been a low risk of causing pollution or transferring contaminants beyond the confines of the site. The future site usage as identified in the prepared development is likely to be low risk in the absence of a significant contamination source. Further investigation can be undertaken to reduce uncertainty and risk but ultimately these risks cannot be entirely eliminated. However, in commissioning further investigation the cost to benefit of doing so must be considered. It is not "suspected" that the site is contaminated to an extent that it could adversely affect the proposed development and / or create new pollutant linkages. On this basis, an intrusive investigation in respect of contamination is considered not to be necessary.

		It is recommended that if, during formation of site levels and reprofiling, any suspicious or unusual odours, colours, liquids or soils are uncovered, these should be brought to the attention of Mugen Geo Ltd and appropriate advice sought. **Radon** - The site is within a Radon affected area, as between 3% and 5% of homes are above the action level. Basic radon protective measures are necessary in the construction of new dwellings or extensions.

This is only a summary. The full report should be considered in its entirety.

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Note: This report has been formatted to be read as a PDF.

1 Introduction

Mugen Geo Ltd (Mugen Geo) was commissioned by Kwabena Acheampong & NOKSBBA Ltd to carry out a Phase 1 preliminary ground investigation of '32 Station Road Batley WF17 5SU' (the site).

1.1 Scope and objective of the report

This report has been prepared in support of a planning application to form new dwellings.

This report has been developed with reference to the YALPAG Technical Guidance for Developers Landowners & Consultants 2020 (Ref 12), CLR11 (Ref. 1), and other best practice guidance cited at the end of this report.

The Phase 1 Preliminary Risk Assessment comprised a desk-based review of current and historical information, environmental, geological and hydrological information, together with the findings of a site walkover.

The simple purpose of this report is to identify the following (Ref: 13):

- Identify whether contaminative uses are/have potentially been present on/nearby the site
- Identify potential receptors
- Identify potential pathways
- Identify whether there are possible significant pollutant linkages
- Collect information for the Conceptual Site Model (CSM)
- Set the objectives for any site investigation (or state why none is required)

1.2 Information Sources

This report has been prepared from published information and information provided by the client and other parties, including anecdotal information.

The supplied regulatory data and historical OS maps obtained from Groundsure provide an environmental database that includes information from the following organisations:

- Environment Agency
- British Geological Survey
- Ordnance Survey
- Coal Authority
- Health Protection Agency
- Natural England
- Department for Environment, Food and Rural Affairs (DEFRA)

The study has not included checks on services on or adjacent to the site, and no structural, ecological or asbestos surveys have been carried out.

1.3 Limitations

This report has been prepared for the sole use and reliance of the Client named above and cannot be relied upon by any other parties without the express written authorisation of Mugen Geo Ltd. Any unauthorised third party relies on this report at their own risk and the authors owe them no duty of care.

Draft versions of this report cannot be relied upon and Mugen Geo Ltd accept no liability for decisions made based upon any draft versions circulated as part of project development. Please refer to the FINAL report only for decision making purposes.

The findings and opinions conveyed in this report is based on information obtained from sources which Mugen Geo Ltd believe are reliable. All reasonable endeavours have been made to source the information from reputable organisations; however, Mugen Geo Ltd accepts no responsibility for inaccuracies in the data supplied or for opinions based on any such inaccurate data. No attempt has been made to independently verify any data collected by others or from other sources. The Report does not constitute any legal advice. As such, the advice of a Solicitor may also be required.

The environmental dataset reports are based upon known, published information and may not comprise a complete record of all features of relevance. An explanation of the datasets used, their sources, assumed definitions and limitations is available on request.

Mugen Geo Ltd reserves the right to amend their conclusions and recommendations in the light of further information that may become available.

2 Site Location and Description

2.1 Site Location

The site was an irregular shaped parcel of land at 22 Station Road in Batley centre as shown in figures 1 & 2 and the site photos included as appendix B.

Site details are summarised in Table 2.1 below:

Detail	Remarks
Location	32 Station Road Batley WF17 5SU
NGR	424866E 423775N
Area	0.02 ha
Known services	Underground sewers, drainage, gas, electric, water cable/telecoms

Table 2.1 – Site Summary



Figure 1 – Extract of site location plan

2.2 General Description of Site

A site visit was undertaken by Mugen Geo on the 25th July 2025 to examine the current site condition. The immediate surroundings of the site were observed from public rights of way. No visual evidence of contamination was identified.

The site was occupied by the existing property. No evidence of Japanese Knotweed or other invasive species was identified during the site walkover, however, a detailed inspection of the fauna was not undertaken.



Figure 2 – Extract satellite image of site

2.3 Surrounding Area

The site was situated in Batley near to the town centre with both commercial and residential uses noted.

2.4 Site History

The historic development of the site and surrounding land has been summarised with reference to available map records. Historically, maps were updated at regular intervals, providing a record of site uses and changes in use over time, however, they only provide a 'snapshot' of land use at the time of the survey and activities that may have taken place between surveys is not known and in some cases sensitive information (such as military sites) would not be recorded.

The history of the site has been studied in order to identify any potential contaminative past uses of the site and immediate environs.

Date	Information Source	Land Use of Site	Land Use of Surroundings
1854	County Series 1:10,560 scale	The site was undeveloped.	Surrounding land was undeveloped. Road infrastructure was marked to the east and west of the site.
1890-1894	County Series 1:10,560 scale 1:2,500 scale	The existing building is marked at the site and denoted as 'warehouses'.	Bottoms Mills is marked approximately 40m west of the site. Warehouses are marked to the north and south of the site. Batley Railway Station and a Good Shed is marked approximately 100m east of the site.
1905-1907	County Series 1:10,560 scale 1:2,500 scale	No significant changes noted.	No significant changes noted.
1922	County Series 1:10,560 scale 1:2,500 scale	No significant changes noted.	Warehouses are marked to the east of the site.
1931	County Series 1:10,560 scale	No significant changes noted.	No significant changes noted.
1933-1938	County Series 1:10,560 scale 1:2,500 scale	No significant changes noted.	No significant changes noted.
1948	County Series 1:10,560 scale	No significant changes noted.	No significant changes noted.
1955-1957	County Series 1:10,560 scale 1:2,500 scale	No significant changes noted.	No significant changes noted.
1966-1974	County Series 1:10,560 scale 1:2,500 scale	No significant changes noted.	No significant changes noted.
1975-1981	National Grid 1:1,250 scale 1:2,500 scale 1:10,000 scale	No significant changes noted.	The 'Cantiflex Works' and a Garage are marked approximately 70m south of the site.
1985-1990	National Grid 1:2,500 scale 1:10,000 scale	No significant changes noted.	No significant changes noted.
1987	National Grid 1:1,250 scale	No significant changes noted.	No significant changes noted.
1992-1995	National Grid 1:1,250 scale 1:2,500 scale 1:10,000 scale	No significant changes noted.	No significant changes noted.
2001-2003	Raster 1:1,250 scale 1:10,000 scale	No significant changes noted.	No significant changes noted.
2010	Raster 1:10,000 scale	No significant changes noted.	No significant changes noted.
2021	Raster 1:10,000 scale	No significant changes noted.	No significant changes noted.

Table 2.2 – Historic development of the site and its environs

3 Geo-environmental Setting

3.1 Geology

The British Geological Survey (BGS) 1:50,000 scale map solid & drift Digital Geological Map of Great Britain indicates the site is underlain by Thornhill Rock, a sandstone formed approximately 315 to 318 million years ago in the Carboniferous Period. These strata will weather to both cohesive and granular strata depending on the site aspect and local conditions.

3.1.1 Regional Setting

The area is part of the elevated moorland plateaux of Carboniferous rocks that form the central part of Britain and comprise thick sequences of sediments which have been incised by glacial and alluvial valleys.

The present-day topography was historically influenced and formed by numerous landslips which occurred across the Yorkshire following the Devensian glacial period approximately 10,00years ago.

The maps indicate that the site area does not have a cover of superficial deposits. Alluvial materials are shown to be present approximately 100m to the south of the site. No made ground is shown to be present on the site.

3.1.2 BGS Borehole Viewer

The BGS has made available borehole records taken from the National Geoscience Data Centre and may be used for commercial purposes providing their source is identified. An inspection of the available borehole records did not identify any records in the vicinity of the site that add to the conceptual model.

3.2 GroundSure EnviroInsight Report

GroundSure's EnviroInsight report was obtained for the site and is included as part of appendix B. The reports are based on the British Geological Survey (BGS) geological maps, Environment Agency, GroundSure data and miscellaneous other geological and environmental sources.

The reports provide important geo-environmental data for the site and its surroundings and summarises details relating to the site that is useful for development purposes. Only issues that are significant or directly relevant to the conceptual model have been highlighted below for brevity but the data from the reports has been considered in their entirety.

3.2.1 Environmental Permits, Incidents & Registers

There were no historic IPC Authorisations within 50m of the study site.

There were no records of Part A(1) and IPPC Authorised Activities within 50m of the study site.

There were no Water Industry Referral (potentially harmful discharges to sewer) or Red List Discharge Consents record within 500m of the site.

There were no records of List 1 or List 2 Dangerous Substances Inventory Sites within 50m of the study site.

There were no Part A(2) and Part B Activities and Enforcements within 50m of the study site.

There were no records of Category 3 or 4 Radioactive Substance Licences within 50m of the study site

There were no Licensed Discharge Consents recorded within 50m to the site.

There were no Environment Agency recorded pollution incidents within 50m of the site.

There were no records of any sites determined as contaminated land under section 78R of the Environmental Protection Act 1990.

Environment Agency and Local Authority Data did not identify any other significant authorisations or licenses relevant to the site or within 250m of the site.

No Petrol Stations were recorded within 250m of the site.

3.2.2 Landfill and Other Waste Sites

Available records indicate there were no Environment Agency record of either active or historic landfills within 250m of the site.

There were no other EA records within 250m of the site.

No Local Authority Landfills were recorded within 500m from the site.

There were eight waste exemptions but these were all more than 100m from the site and considered not significant with respect to the development.

3.3 Radon

The site is within a Radon affected area, as between 3% and 5% of homes are above the action level. Basic radon protective measures are necessary in the construction of new dwellings or extensions.

3.4 Hydrogeology

Within all aquifers, groundwater tends to flow from areas where groundwater is recharged and follows the topography from elevated escarpments to lower slopes. Variation in groundwater flow directions can occur where local groundwater recharge is impacted by spatial differences in precipitation & surface infiltration rates.

The complexity of the regional fault system of the Carboniferous deposits in the area leads to significant spatial variability in the regional groundwater flow pattern and groundwater contour levels. Faulting can isolate blocks of rock and create new connexions affecting hydraulic conductivity at a local scale. It can also be impacted by coal mining and associated dewatering activities. Due to the complex hydrogeology, the whole sequence is considered in general terms as an aquifer.

Since April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive.

The aquifers within the bedrock deposits are designated as 'Secondary A'. These are described as 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.

Details provided by the Environment Agency indicate there to be no licensed surface water or groundwater abstraction points within 500m of the site.

There are no source protection zones within 250m of the site.

There were no groundwater or surface water abstraction licenses within 250m of the site.

3.5 Hydrology

3.5.1 Surface Waters

The nearest surface water feature was Batley Beck located 35m west of the site.

4 Preliminary Conceptual Site Model

4.1 Introduction

A Conceptual Site Model (CSM) is intended to provide a testable representation of the environmental processes on a site and in its vicinity. Its purpose it to identify potential contaminants, pathways & receptors with a view to identifying (initially) potential and (eventually) significant pollutant linkages (Ref. 13 CLM: Ready Reference 2007).

4.1.1 Legislative Background

In terms of the planning system the legislative approach taken has been that land affected by contamination must be made suitable for use if and when it is redeveloped, and as a minimum it cannot be "contaminated land" in terms of the "Part 2A" contaminated land regime once it has been redeveloped.

The contaminated land regime consists of three main elements: the 1990 Act, the Statutory Guidance, and the Contaminated Land Regulations 2006. Annex 3 gives a brief description. The Statutory Guidance is intended to explain key parts of the 1990 Act, and to set legally binding rules on how they should be applied by the regulator. Its main purpose is to:

- explain how local authorities should decide whether land is "contaminated land"
- explain how local authorities should go about implementing the regime
- explain how the regulator (i.e. the local authority or the Environment Agency in the case of "special sites") should ensure that remediation requirements are "reasonable"
- elaborate on specific aspects of the liability arrangements where more than one party is liable.

For planning purposes, the assessment of risks arising from contamination and remediation requirements should be considered on the basis of the current environmental setting, the current land use, and the circumstances of its proposed new use. The approach taken follows the risk-based tiered framework published by Defra and the Environment Agency in their guidance document "CLR 11 Model Procedures for the Management of Land Contamination" (Ref. 1).

The basis of CLR11 is the development of the conceptual site model and a CLEA (Contaminated Land Exposure Assessment) standard land use scenario (Ref.11) is usually applied to aid with the development of the linkages.

Fauna have not been considered as part of this assessment.

4.2 Preliminary Conceptual Site Model

Following the principles of CLR11 this assessment has been developed using desk study and site walkover information summarised in the preceding sections. The report therefore constitutes a Tier 1 risk assessment.

Based upon the available desk study and site walkover information and with reference to Environment Agency R&D Publication 66 (Ref. 2) a simplified preliminary conceptual site model has been developed. The aim is to identify potential sources of contamination, pathways and receptors that may exist and present a significant level of risk.

The scheme has been developed as residential use without private gardens. For the purposes of compiling the preliminary CSM the potential exposure pathways for human health have therefore been assumed to match the 'residential use without private gardens' Conceptual Exposure Model (CEM) as described in R&D Publication 66 (Ref.2).

An illustrative conceptual exposure model highlighting some of the pathways considered is provided below:

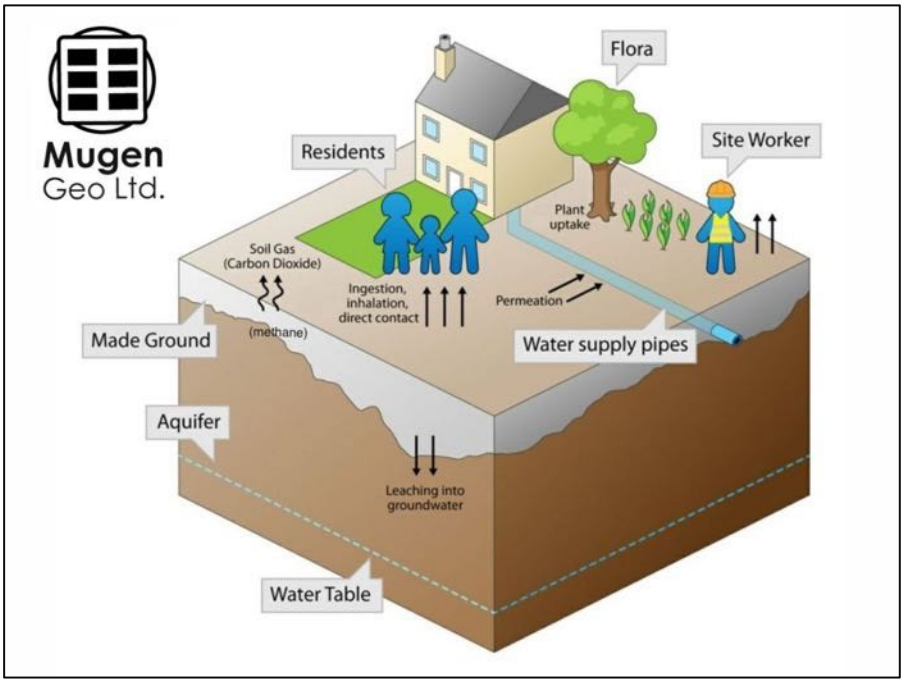


Figure 3 – Illustrative potential exposure pathways within the 'Conceptual Exposure model' (i.e. possible pollutant linkages)

4.3 Sources

The use of the site as warehouses and the mill warehouses and garage on surrounding land are considered potential sources of contamination.

4.4 Pathways

The following potential exposure pathways have been identified for human health receptors (refer to figure 3 above):

- Ingestion of soil and soil derived dust
- Ingestion of household dust
- Consumption of home-grown vegetables
- Ingestion of soil attached to vegetables
- Dermal contact with soil
- Dermal contact with household dust
- Inhalation of vapours indoors
- Inhalation of vapours outdoors

The following potential pathways have been identified for controlled waters:

- Leaching/migration of contaminants through soil
- Migration of impacted perched water or groundwater or surface water runoff.

The following pathways have been identified for buildings:

- Migration of ground-borne gases through permeable ground
- Direct contact of buildings with contaminated soil or impacted groundwater
- Migration of ground-borne gases and groundwater along preferential pathways e.g. Service trenches and entries to new structures and services.

4.5 Receptors

The following receptors have been identified:

- Site end users – future residents and visitors (public open space and private gardens)
- Construction / site investigation workers
- Adjacent residents
- Maintenance workers
- Controlled waters (groundwater)
- Buildings on site, both existing and planned and new services.

Potential off-site receptors include:

- Controlled waters (surface water and groundwater)
- Construction workers and regular workers on adjacent sites
- Occupiers, visitors and users of adjacent sites

Table 4.5 on the following pages comprises the preliminary CSM and summarises the potential pollutant linkages based on information collated and interpreted in this phase 1 assessment.

Source	Exposure Pathway	Receptor(s)	Probability	Consequence	Risk Level	Comments
Inorganic substances within Made Ground on site	Ingestion, inhalation or direct contact	Site Workers	Low likelihood	Medium	Low	Made ground identified at the site. Site workers likely to be wearing appropriate PPE
	Ingestion, inhalation or direct contact	End users of the site	Low likelihood	Medium	Low	Made ground identified at the site. End use will be for residential use.
	Inhalation of fugitive dust	Neighbours	Low likelihood	Medium	Low	No significant sources identified. Significant volumes of dust considered unlikely but demolition works should be conducted in a way that reduces dust production.
	Leaching through unsaturated zone	Groundwater and possible abstractors or aquatic ecosystems	Low likelihood	Medium	Low	No significant sources identified. Works unlikely to create significant new pathways for contaminant migration. Identified significant sources should be removed or remediated.

Source	Exposure Pathway	Receptor(s)	Probability	Consequence	Risk Level	Comments
Organic substances in Made Ground on site associated including: Petroleum Hydrocarbons, Polynuclear Aromatic Hydrocarbons (PAH) VOC's &SVOC's	Ingestion, inhalation or direct contact	Site Workers	Low likelihood	Medium	Low	Made ground identified at the site. Site workers likely to be wearing appropriate PPE
	Ingestion, inhalation or direct contact	End users of the site	Low likelihood	Medium	Low	Made ground identified at the site. End use will be for residential use.
	Inhalation of fugitive dust.	Neighbours	Low likelihood	Medium	Low	No significant sources identified. Significant volumes of dust considered unlikely but demolition works should be conducted in a way that reduces dust production.
	Leaching through unsaturated zone	Groundwater and possible abstractors or aquatic ecosystems	Low likelihood	Medium	Low	Works unlikely to create significant new pathways for contaminant migration.
Asbestos fibres from asbestos containing materials within Made Ground	Fugitive dust	Site Workers	Low likelihood	Medium	Low	No significant sources identified.
		End users of the site	Low likelihood	Medium	Low	
		Neighbours	Low likelihood	Medium	Low	No significant sources identified.
Ground Gas (methane &		End users of new buildings	Low likelihood	Medium	Low	No significant sources identified.

Source	Exposure Pathway	Receptor(s)	Probability	Consequence	Risk Level	Comments
carbon Dioxide) from Made Ground/ organic sources	Migration through Soils or groundwater to indoor air	(asphyxiation or explosion)				
		Users of off-site properties (asphyxiation or explosion)	Low likelihood	Medium	Low	
		New buildings (damage by explosion)	Low likelihood	Medium	Low	
		Neighbouring properties (damage by explosion)	Low likelihood	Medium	Low	

4.6 Qualitative Risk Assessment

The assessment of risk is defined in the Environment Agency & NHBC joint guidance publication R&D66 (Ref.2) as being a consideration of both:

- The likelihood of an event (probability) [taking account of both the presence of the hazard and receptor and the integrity of the pathway]; and
- The severity of the potential consequence [taking account of both the potential severity of the hazard and the sensitivity of the receptor].

4.6.1 Preliminary Assessment

With any site, the possibility of unidentified contamination being present cannot be entirely excluded. Ground contamination remains a material planning consideration. Local planning authorities must take account of such issues in determining applications for planning permission. In addition, building work is regulated under the Building Regulations 1991. Schedule 1 (Ref. 8) requires 'precautions shall be taken to avoid danger to health and safety caused by substances found on, or in the ground covered by the building'.

The use of the site as warehouses and the mill warehouses and garage on surrounding land are considered potential sources of contamination. Based on the past history of the site the probability of contamination being present sufficient to affect the identified existing receptors is considered to be a low risk. The current uses of the site were considered to have been a low risk of causing pollution or transferring contaminants beyond the confines of the site.

The future site usage as identified in the prepared development is likely to be low risk in the absence of a significant contamination source as identified in table 4.5 above. Hard standing and a shared landscaped area should minimise any potential pathways.

Further investigation can be undertaken to reduce uncertainty and risk but ultimately these risks cannot be entirely eliminated. However, in commissioning further investigation the cost to benefit of doing so must be considered. It is not "suspected" that the site is contaminated to an extent that it could adversely affect the proposed development and / or create new pollutant linkages. On this basis, an intrusive investigation in respect of contamination is considered not to be necessary.

It is recommended that if, during formation of site levels and reprofiling, any suspicious or unusual odours, colours, liquids or soils are uncovered, these should be brought to the attention of Mugen Geo Ltd and appropriate advice sought.

4.6.1.1 Ground Gas Risk

The risks associated with the ground gases methane (CH_4) and carbon dioxide (CO_2) have been assessed wit reference to BS 8485:2015 (Ref. 14) and guidelines from CIRIA 665 and the NHBC.

Current UK best practice guidance considers ground gas assessment and characterisation for a site separately for different types of development. Two situations are identified in assessment:

- 'Situation A' covers all forms of development (residential and industrial/commercial developments), other than low rise residential development; and

- 'Situation B' is defined as the specific development of low-rise (one to three storeys in height) housing with beam and block floors, vented sub-floor void and gardens.

The development is classified as characteristic Situation B.

Based upon available records the gas generation potential at the site considered very low. For the proposed development no ground gas monitoring or protection measures are required subject to confirmation of the ground model.

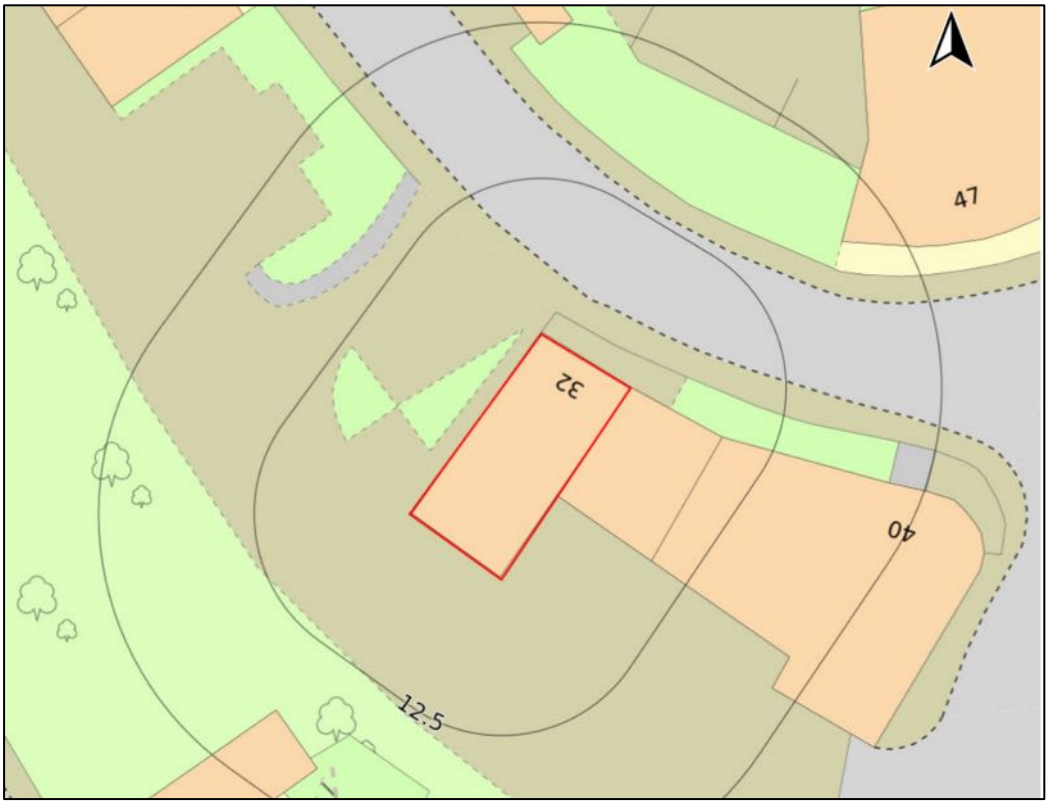
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5 References

1. Department of the Environment, Transport and the Regions and Environment Agency, Model Procedures for the Management of Land Contamination. Contaminated Land Report 11.
2. EA and NHBC 2000. Guidance for the Safe Development of Housing on Land Affected by Contamination, R&D Publication 66.
3. Department of the Environment, Transport and the Regions, Environment Agency and Institute of Environmental Health. Guidelines for Environmental Risk Assessment and Management. HMSO July 2000.
4. Construction Industry Research and Information Association (CIRIA). Contaminated Land Risk Assessment. A Guide to Good Practice. CIRIA C552 2001.
5. DoE, 1995 Industry Profiles.
6. EA, 2003b Consultation on Agency Policy: Building Development on or within 250m of a landfill site.
7. OPDM Planning Policy Statement 23: Planning and Pollution Control. Annex 2 Development on Land Affected by Contamination.
8. Approved Document C – Site Preparation and Resistance to Contaminants and Moisture (Relating to Building Regulations 2000 (SI 2000/2531).
9. BSI, 2011 Investigation of Potentially Contaminated Sites, Code of Practice, BS: 10175.
10. EA, 2001 Secondary Model Procedure for the Development of Appropriate Soil Sampling Strategies for Land Contamination.
11. Environment Agency 2009: Updated technical background to the CLEA model Science report SC050021/SR3, Bristol, Environment Agency
12. Yorkshire & Lincolnshire Pollution Advisory Group 2020. Development on Land Affected by Contamination - Technical Guidance for Developers Landowners & Consultants.
13. LQM 2007 Contaminated Land Management: Ready Reference 2007
14. A geological background for planning and development in the City of Bradford Metropolitan District. Vol. 1: A guide to the use of earth science information in planning and development. Technical Report WA/96/1 British Geological Survey.

APPENDIX A

SITE LOCATION PLAN



EXTRACT LOCATION PLAN
[Not to scale]

↑
NORTH

APPENDIX B

ENVIRONMENTAL DATASET

Groundsure LOCATION INTELLIGENCE

Enviro+Geo Insight

32 STATION ROAD BATLEY KIRKLEES WF17 5SU

Order Details

Date: 17/07/2025

Your ref: 2507 WF17 5SU ph1

Our Ref: GS-6RV-BQQ-DMG-3PC

Site Details

Location: 424866 423775

Area: 0.02 ha

Authority: Kirklees Council ↗



Summary of findings p. 2 >

OS MasterMap site plan p.13 >

Aerial image p. 9 >

Insight User Guide ↗

Contact us with any questions at:
info@groundsure.com ↗
01273 257 755

Certified B Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	1	7	108	70	-
21 >	1.2 >	Historical tanks >	0	0	42	112	-
27 >	1.3 >	Historical energy features >	0	0	27	42	-
30	1.4	Historical petrol stations	0	0	0	0	-
30 >	1.5 >	Historical garages >	0	0	12	12	-
31	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
32 >	2.1 >	Historical industrial land uses >	1	9	146	94	-
42 >	2.2 >	Historical tanks >	0	0	65	208	-
52 >	2.3 >	Historical energy features >	0	0	50	70	-
56	2.4	Historical petrol stations	0	0	0	0	-
56 >	2.5 >	Historical garages >	0	0	22	19	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
59	3.1	Active or recent landfill	0	0	0	0	-
59	3.2	Historical landfill (BGS records)	0	0	0	0	-
60	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
60 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	1	1	-
60 >	3.5 >	Historical waste sites >	0	0	10	2	-
62 >	3.6 >	Licensed waste sites >	0	0	3	1	-
63 >	3.7 >	Waste exemptions >	0	1	6	20	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
66 >	4.1 >	Recent industrial land uses >	0	0	28	-	-
68	4.2	National Geographic Database (NGD) - Current or recent tanks	0	0	0	-	-
68	4.3	Current or recent petrol stations	0	0	0	0	-
69	4.4	Electricity cables	0	0	0	0	-
69	4.5	Gas pipelines	0	0	0	0	-

69	4.6	Sites determined as Contaminated Land	0	0	0	0	-
69 >	4.7 >	Control of Major Accident Hazards (COMAH) >	0	0	0	1	-
69	4.8	Regulated explosive sites	0	0	0	0	-
70	4.9	Hazardous substance storage/usage	0	0	0	0	-
70 >	4.10 >	Historical licensed industrial activities (IPC) >	0	0	0	7	-
71 >	4.11 >	Licensed industrial activities (Part A(1)) >	0	0	0	3	-
72 >	4.12 >	Licensed pollutant release (Part A(2)/B) >	0	0	1	3	-
72	4.13	Radioactive Substance Authorisations	0	0	0	0	-
72 >	4.14 >	Licensed Discharges to controlled waters >	0	0	5	3	-
74	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
74	4.16	Pollutant release to public sewer	0	0	0	0	-
74	4.17	List 1 Dangerous Substances	0	0	0	0	-
74 >	4.18 >	List 2 Dangerous Substances >	0	0	2	0	-
75 >	4.19 >	Pollution Incidents (EA/NRW) >	0	0	5	5	-
76	4.20	Pollution inventory substances	0	0	0	0	-
76	4.21	Pollution inventory waste transfers	0	0	0	0	-
77	4.22	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
78 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
79 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
81 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
82	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
82	5.5	Groundwater vulnerability- local information	None (within 0m)				
83 >	5.6 >	Groundwater abstractions >	0	0	0	0	12
86 >	5.7 >	Surface water abstractions >	0	0	0	1	0
87	5.8	Potable abstractions	0	0	0	0	0
87	5.9	Source Protection Zones	0	0	0	0	-
87	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m

88 >	6.1 >	Water Network (OS MasterMap) >	0	0	11	-	-
89 >	6.2 >	Surface water features >	0	0	6	-	-
90 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
90 >	6.4 >	WFD Surface water bodies >	0	0	1	-	-
91 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
92	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
93	7.2	Historical Flood Events	0	0	0	-	-
93	7.3	Flood Defences	0	0	0	-	-
93 >	7.4 >	Areas Benefiting from Flood Defences >	0	0	3	-	-
93	7.5	Flood Storage Areas	0	0	0	-	-
95	7.6	Flood Zone 2	None (within 50m)				
95	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
96	8.1	Surface water flooding	Negligible (within 50m)				
Page	Section	Groundwater flooding >					
97 >	9.1 >	Groundwater flooding >	Negligible (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
98	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
99	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
99	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
99	10.4	Special Protection Areas (SPA)	0	0	0	0	0
99	10.5	National Nature Reserves (NNR)	0	0	0	0	0
100	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
100 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	2
100	10.8	Biosphere Reserves	0	0	0	0	0
100	10.9	Forest Parks	0	0	0	0	0
101	10.10	Marine Conservation Zones	0	0	0	0	0
101 >	10.11 >	Green Belt >	0	0	0	1	3

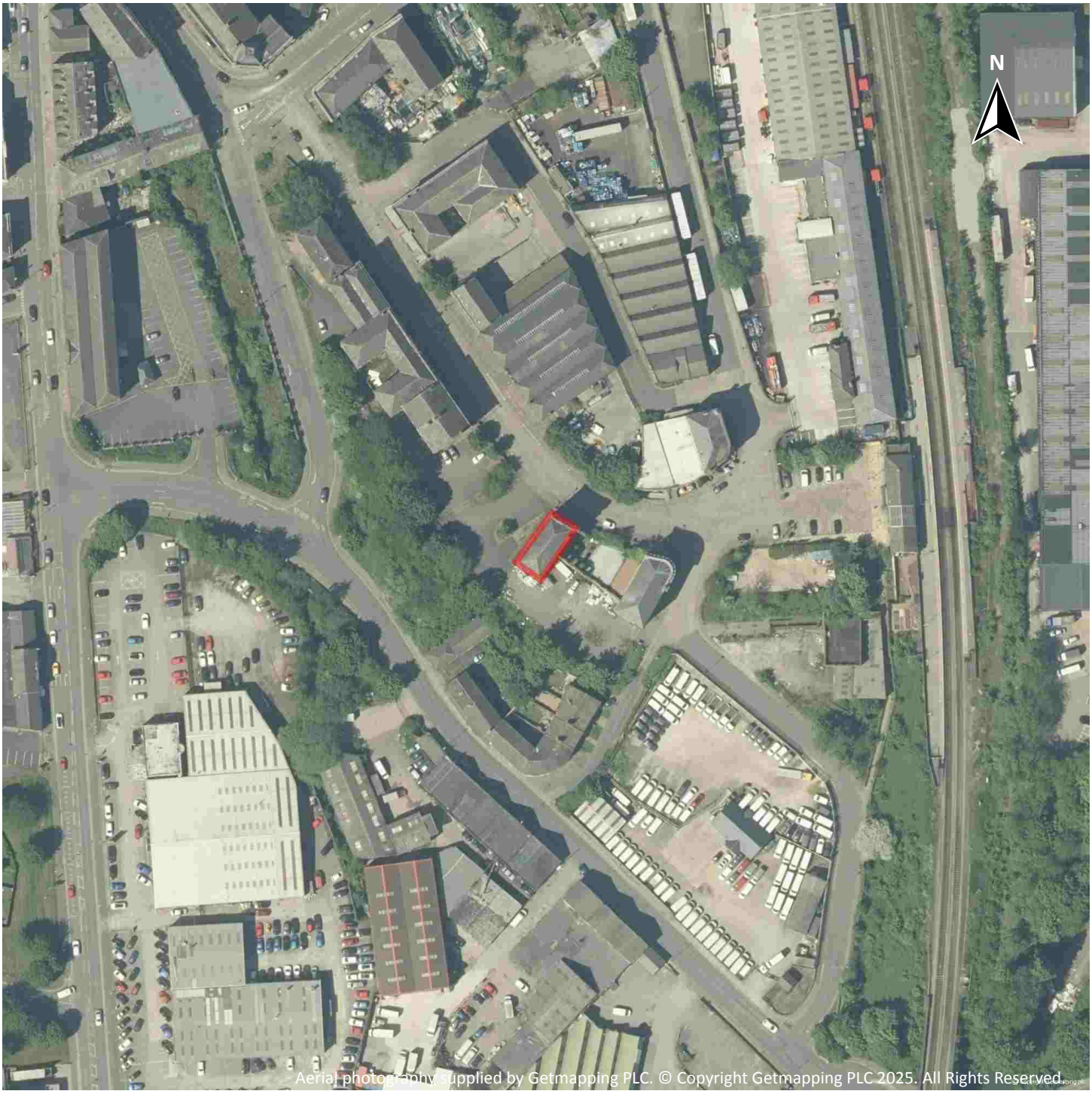
101	10.12	Proposed Ramsar sites	0	0	0	0	0
101	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
102	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
102	10.15	Nitrate Sensitive Areas	0	0	0	0	0
102 >	**10.16 >**	**Nitrate Vulnerable Zones >**	0	0	0	0	1
103 >	**10.17 >**	**SSSI Impact Risk Zones >**	1	-	-	-	-
104	10.18	SSSI Units	0	0	0	0	0
Page	Section	**Visual and cultural designations >**	On site	0-50m	50-250m	250-500m	500-2000m
105	11.1	World Heritage Sites	0	0	0	-	-
106	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
106	11.3	National Parks	0	0	0	-	-
106 >	**11.4 >**	**Listed Buildings >**	0	4	8	-	-
107 >	**11.5 >**	**Conservation Areas >**	1	0	0	-	-
107	11.6	Scheduled Ancient Monuments	0	0	0	-	-
108	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	**Agricultural designations >**	On site	0-50m	50-250m	250-500m	500-2000m
109 >	**12.1 >**	**Agricultural Land Classification >**	Urban (within 250m)				
110	12.2	Open Access Land	0	0	0	-	-
110	12.3	Tree Felling Licences	0	0	0	-	-
110	12.4	Environmental Stewardship Schemes	0	0	0	-	-
110	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	**Habitat designations >**	On site	0-50m	50-250m	250-500m	500-2000m
111 >	**13.1 >**	**Priority Habitat Inventory >**	0	0	4	-	-
112	13.2	Habitat Networks	0	0	0	-	-
112 >	**13.3 >**	**Open Mosaic Habitat >**	0	0	1	-	-
112	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
113 >	**14.1 >**	**10k Availability >**	Identified (within 500m)				
114 >	**14.2 >**	**Artificial and made ground (10k) >**	0	2	3	8	-

116 >	14.3 >	Superficial geology (10k) >	0	0	1	0	-
117	14.4	Landslip (10k)	0	0	0	0	-
118 >	14.5 >	Bedrock geology (10k) >	1	0	9	9	-
119 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	6	6	-
Page	Section	**Geology 1:50,000 scale >**	On site	0-50m	50-250m	250-500m	500-2000m
121 >	15.1 >	50k Availability >	Identified (within 500m)				
122 >	15.2 >	Artificial and made ground (50k) >	0	1	0	2	-
123 >	15.3 >	Artificial ground permeability (50k) >	0	1	-	-	-
124 >	15.4 >	Superficial geology (50k) >	0	0	1	0	-
125	15.5	Superficial permeability (50k)	None (within 50m)				
125	15.6	Landslip (50k)	0	0	0	0	-
125	15.7	Landslip permeability (50k)	None (within 50m)				
126 >	15.8 >	Bedrock geology (50k) >	1	0	4	7	-
127 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
127 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	3	4	-
Page	Section	**Boreholes >**	On site	0-50m	50-250m	250-500m	500-2000m
129 >	16.1 >	BGS Boreholes >	0	0	59	-	-
Page	Section	**Natural ground subsidence >**					
133 >	17.1 >	Shrink swell clays >	Negligible (within 50m)				
134 >	17.2 >	Running sands >	Very low (within 50m)				
136 >	17.3 >	Compressible deposits >	Very low (within 50m)				
138 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
139 >	17.5 >	Landslides >	Very low (within 50m)				
140 >	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
142 >	18.1 >	BritPits >	0	0	0	2	-
143 >	18.2 >	Surface ground workings >	0	0	22	-	-
144 >	18.3 >	Underground workings >	0	0	0	0	10
145	18.4	Underground mining extents	0	0	0	0	-

145	18.5	Historical Mineral Planning Areas	0	0	0	0	-
145	18.6	Non-coal mining	0	0	0	0	0
146	18.7	JPB mining areas	None (within 0m)				
146	18.8	The Coal Authority non-coal mining	0	0	0	0	-
146	18.9	Researched mining	0	0	0	0	-
146	18.10	Mining record office plans	0	0	0	0	-
147	18.11	BGS mine plans	0	0	0	0	-
147 >	**18.12 >**	**Coal mining >**	Identified (within 0m)				
147	18.13	Brine areas	None (within 0m)				
147	18.14	Gypsum areas	None (within 0m)				
147	18.15	Tin mining	None (within 0m)				
148	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
149	19.1	Natural cavities	0	0	0	0	-
149	19.2	Mining cavities	0	0	0	0	0
149	19.3	Reported recent incidents	0	0	0	0	-
149	19.4	Historical incidents	0	0	0	0	-
Page	Section	**Radon >**					
151 >	**20.1 >**	**Radon >**	Between 3% and 5% (within 0m)				
Page	Section	**Soil chemistry >**	On site	0-50m	50-250m	250-500m	500-2000m
153 >	**21.1 >**	**BGS Estimated Background Soil Chemistry >**	1	0	-	-	-
153	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
153	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
154	22.1	Underground railways (London)	0	0	0	-	-
154	22.2	Underground railways (Non-London)	0	0	0	-	-
155	22.3	Railway tunnels	0	0	0	-	-
155 >	**22.4 >**	**Historical railway and tunnel features >**	0	5	61	-	-
157	22.5	Royal Mail tunnels	0	0	0	-	-

158 >	22.6 >	Historical railways >	0	0	6	-	-
158 >	22.7 >	Railways >	0	0	10	-	-
159	22.8	Crossrail 2	0	0	0	0	-
159	22.9	HS2	0	0	0	0	-

Recent aerial photograph

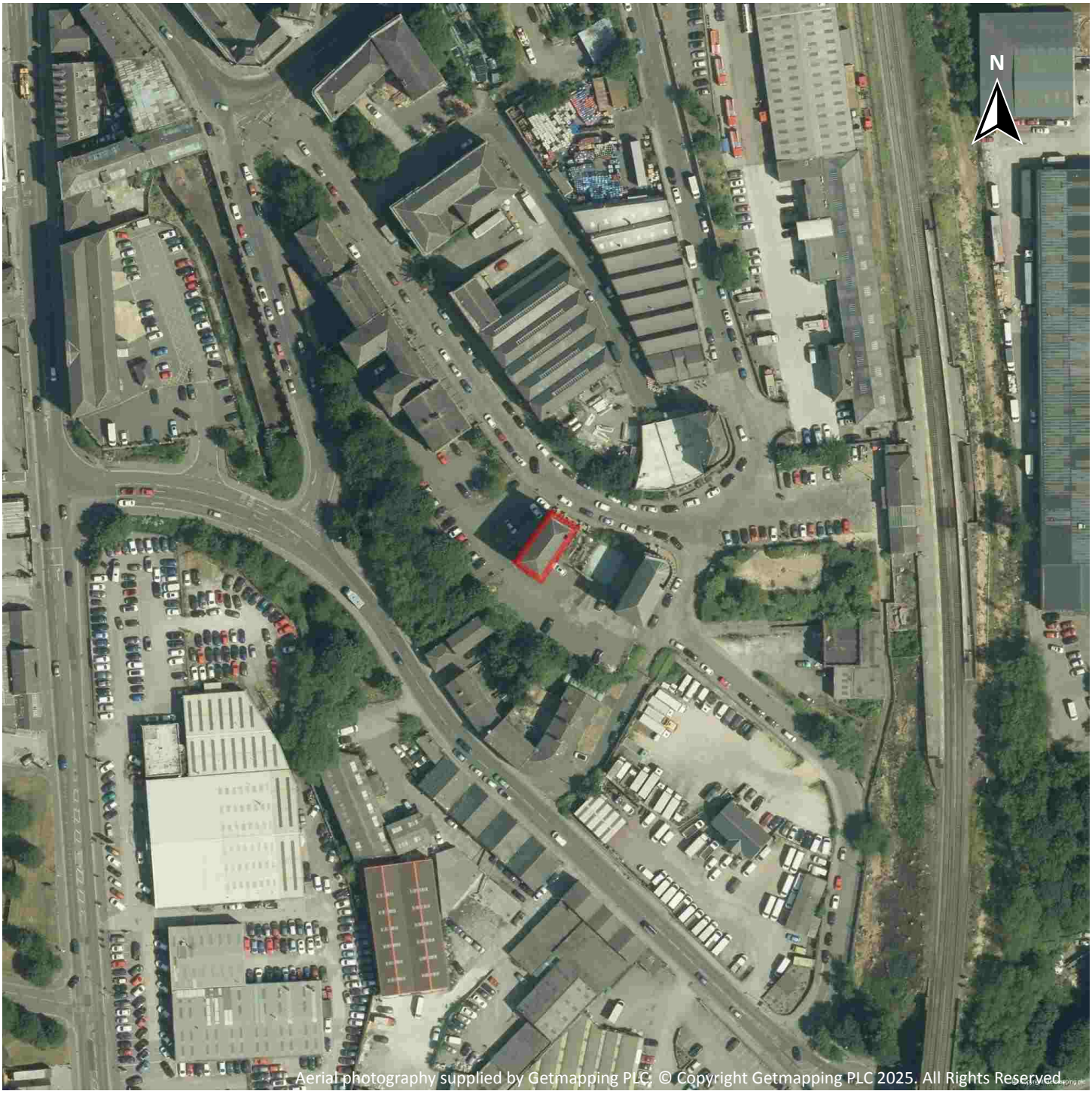


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Capture Date: 30/05/2021

Site Area: 0.02ha

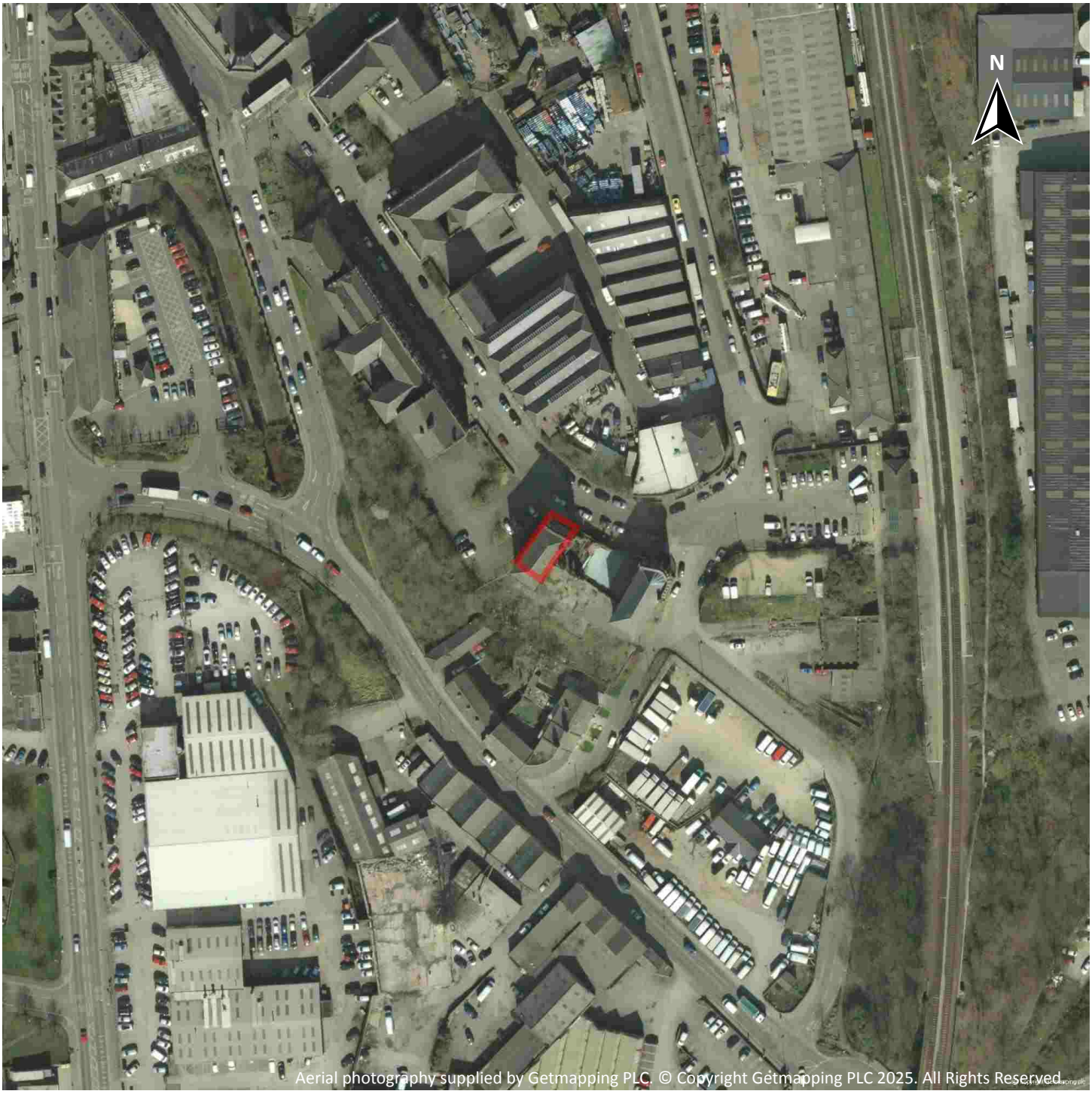
Recent site history - 2018 aerial photograph



Capture Date: 01/07/2018

Site Area: 0.02ha

Recent site history - 2012 aerial photograph



Capture Date: 26/03/2012

Site Area: 0.02ha

Recent site history - 1999 aerial photograph

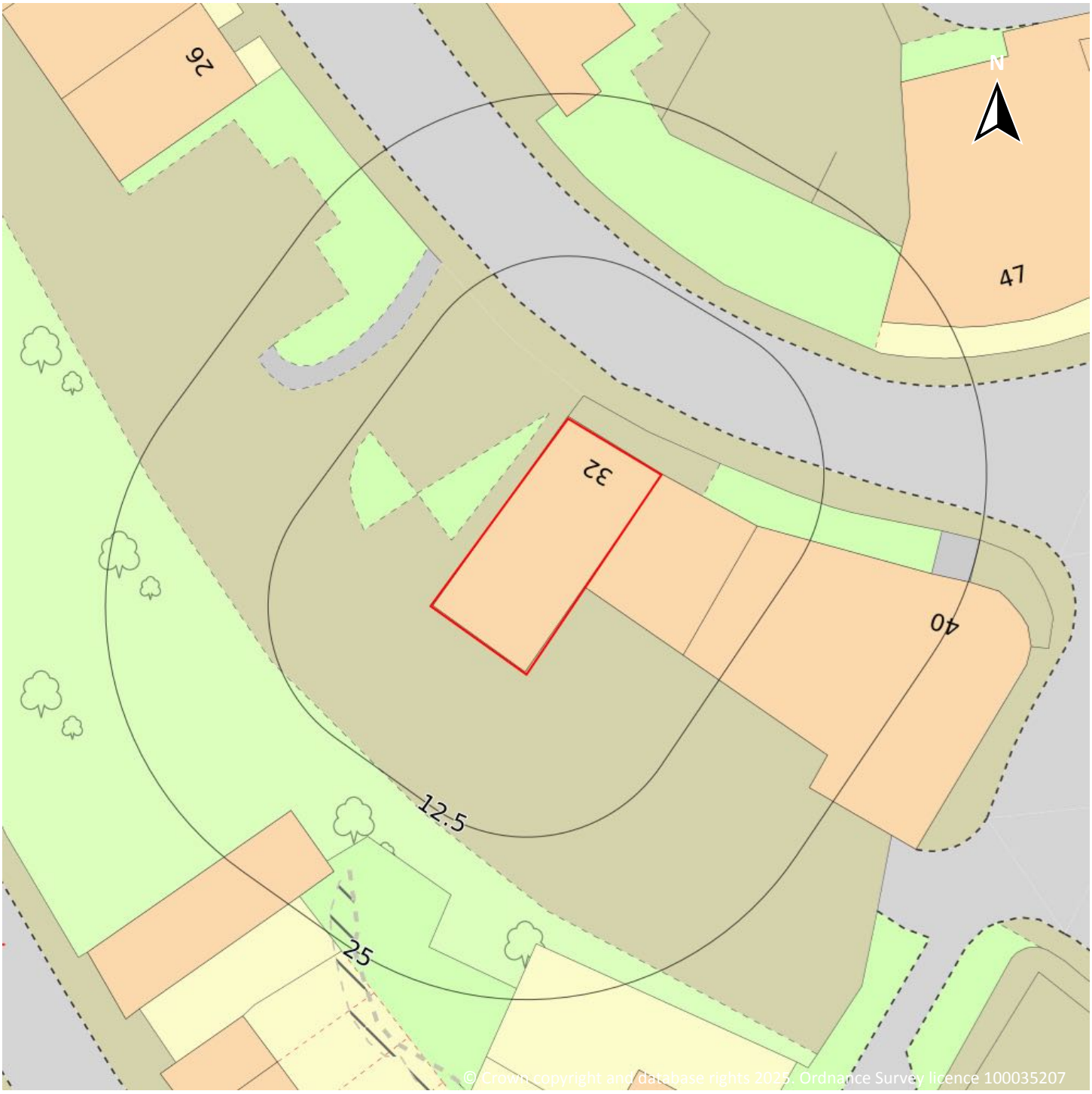


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Capture Date: 10/07/1999

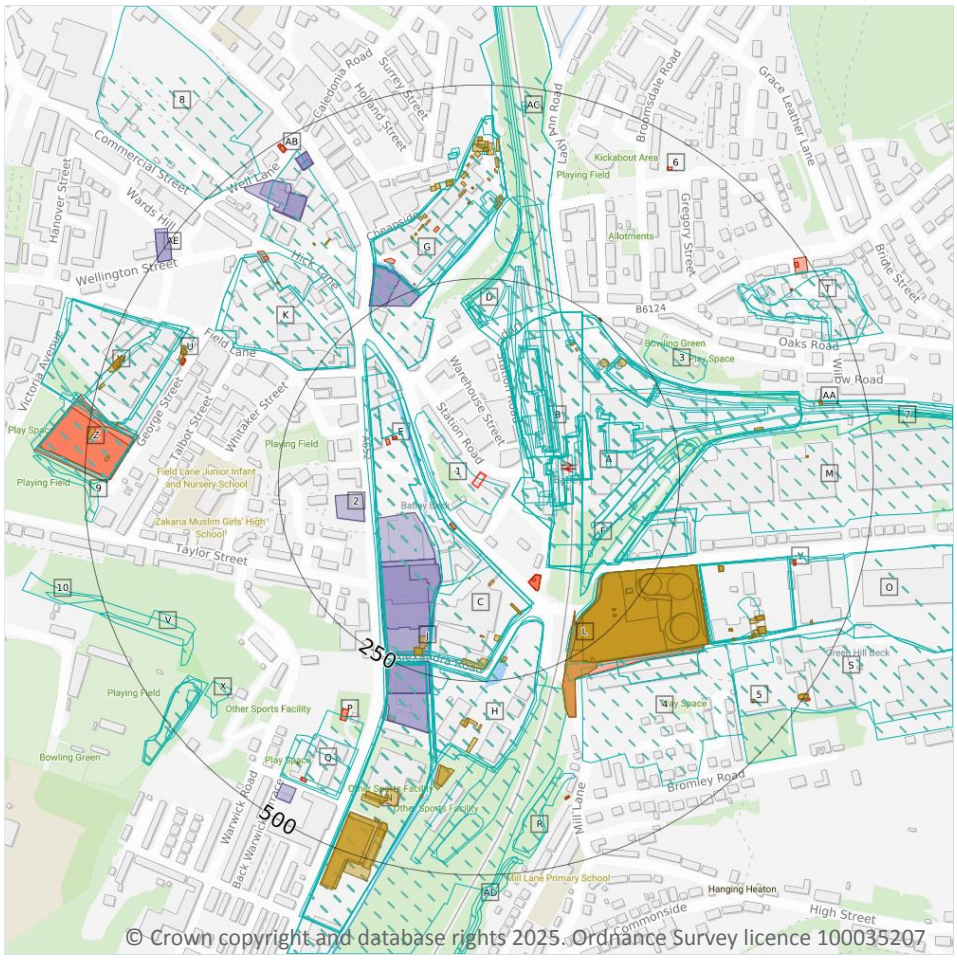
Site Area: 0.02ha

OS MasterMap site plan



Site Area: 0.02ha

1 Past land use



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1.1 Historical industrial land uses

Records within 500m	186

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 14 >**

ID	Location	Land use	Dates present	Group ID
1	**On site**	**Unspecified Mills**	**1892**	**1446039**

ID	Location	Land use	Dates present	Group ID
A	41m SE	Railway Sidings	1971 - 1974	1484725
A	41m SE	Railway Sidings	1955 - 1957	1573208
B	41m SE	Railway Sidings	1967	1514326
B	41m SE	Railway Sidings	1981	1564931
C	47m W	Unspecified Mills	1974 - 1988	1549326
C	47m SW	Unspecified Mills	1967	1542985
A	49m E	Railway Sidings	1892	1558322
A	51m E	Railway Station	1892	1493972
C	53m SW	Unspecified Commercial/Industrial	1948	1538188
C	54m SW	Unspecified Mills	1892	1493317
D	55m NE	Railway Sidings	1948	1564126
C	57m W	Unspecified Commercial/Industrial	1905	1502622
C	57m W	Unspecified Commercial/Industrial	1938	1505668
A	58m E	Railway Sidings	1948	1540147
A	58m E	Railway Sidings	1938	1482691
A	58m E	Railway Sidings	1905	1509655
B	58m NE	Unspecified Industrial/Commercial	1931	1447275
D	58m NE	Railway Sidings	1931	1509931
C	69m W	Unspecified Works	1981 - 1988	1521477
C	69m W	Unspecified Mills	1974	1523860
A	72m E	Railway Building	1955	1476357
B	73m NE	Railway Building	1948 - 1974	1511493
B	74m NE	Railway Building	1948	1485356
B	74m NE	Railway Building	1938	1531835
A	75m E	Railway Station	1948	1541079
B	77m NE	Railway Building	1948	1569780
A	78m E	Railway Station	1938	1542668
A	78m E	Railway Station	1905	1550176

ID	Location	Land use	Dates present	Group ID
A	78m E	Railway Station	1931	1564377
B	79m NE	Railway Building	1892	1551779
B	80m NE	Railway Building	1905	1535690
A	80m E	Railway Station	1955	1534410
B	80m E	Railway Building	1892	1500191
A	84m E	Radar Station	1967	1432120
A	84m E	Railway Station	1974	1488409
B	89m E	Railway Building	1981 - 1988	1494973
A	93m E	Railway Station	1981 - 1988	1563743
C	103m S	Unspecified Mills	1892	1529496
A	124m E	Unspecified Works	1971	1459942
A	124m E	Unspecified Commercial/Industrial	1992	1538080
A	126m E	Railway Building	1892	1476185
A	149m SE	Railway Sidings	1948	1563480
A	152m SE	Railway Sidings	1931	1575996
A	156m E	Goods Shed	1948	1536563
A	157m E	Railway Building	1905	1476182
A	158m E	Goods Shed	1931 - 1938	1525605
A	159m E	Railway Building	1892 - 1905	1556396
F	160m SE	Railway Building	1938	1507846
F	161m SE	Railway Building	1948	1553521
A	161m NE	Railway Buildings	1938	1515590
A	162m E	Railway Buildings	1957	1498451
A	163m NE	Railway Buildings	1948	1557174
G	163m NW	Unspecified Commercial/Industrial	1974	1485586
G	163m NW	Unspecified Mills	1981 - 1988	1563664
G	163m NW	Unspecified Mills	1967	1572578
F	164m SE	Railway Building	1905	1476184

ID	Location	Land use	Dates present	Group ID
F	168m SE	Unspecified Ground Workings	1992	1438689
A	168m NE	Railway Building	1905	1476181
H	179m S	Unspecified Mills	1981 - 1988	1531808
H	183m S	Unspecified Commercial/Industrial	1905	1495170
H	183m S	Unspecified Commercial/Industrial	1938	1577687
I	185m N	Railway Building	1905	1487710
I	185m N	Railway Building	1938	1559699
H	185m S	Unspecified Mills	1892	1577582
I	189m N	Railway Building	1967 - 1988	1577716
A	189m NE	Railway Buildings	1938	1487073
A	190m E	Cuttings	1892	1581559
A	190m NE	Railway Buildings	1905	1570187
D	192m N	Railway Sidings	1955 - 1967	1573130
I	192m N	Railway Building	1955	1484739
A	192m E	Cuttings	1957	1561850
F	193m SE	Unspecified Commercial/Industrial	1948	1488450
F	195m SE	Boiler Works	1948	1442028
F	196m SE	Unspecified Commercial/Industrial	1957	1577364
F	197m SE	Unspecified Commercial/Industrial	1931 - 1938	1512206
F	198m SE	Gas Works	1892 - 1905	1556116
A	198m NE	Unspecified Tank	1948	1549607
F	198m SE	Railway Building	1905	1476183
A	199m SE	Boiler Works	1948	1531135
A	200m SE	Boiler Works	1931	1579436
A	200m NE	Unspecified Tank	1992	1473436
F	200m SE	Unspecified Works	1971	1555019
F	200m SE	Unspecified Works	1980 - 1992	1557947
A	201m NE	Unspecified Tank	1931 - 1938	1507696

ID	Location	Land use	Dates present	Group ID
A	201m NE	Railway Building	1905	1476022
A	203m NE	Goods Shed	1948	1518518
A	205m NE	Railway Building	1892 - 1905	1501988
A	205m NE	Goods Shed	1931 - 1938	1530603
A	206m SE	Unspecified Commercial/Industrial	1957 - 1992	1535633
A	208m NE	Railway Building	1957	1539279
A	210m SE	Boiler Works	1938	1548306
K	212m NW	Unspecified Mills	1974 - 1988	1562051
A	218m NE	Unspecified Tank	1992	1473437
K	218m NW	Unspecified Commercial/Industrial	1905	1534059
K	218m NW	Unspecified Commercial/Industrial	1938	1559938
A	220m E	Unspecified Ground Workings	1992	1440557
F	232m SE	Unspecified Tanks	1948	1544654
M	233m E	Unspecified Warehouses	1980 - 1992	1495165
N	234m S	Sewage Works	1981 - 1988	1488084
N	234m S	Sewage Works	1955 - 1967	1491022
N	234m S	Unspecified Commercial/Industrial	1974	1545540
F	235m SE	Unspecified Tanks	1931	1549331
F	235m SE	Unspecified Tanks	1948	1558311
F	236m SE	Unspecified Tanks	1938	1489581
N	237m S	Sewage Works	1931	1512970
F	238m SE	Unspecified Tank	1957 - 1992	1557832
N	239m S	Sewage Works	1905	1532922
N	239m S	Sewage Works	1948	1569178
N	239m S	Sewage Works	1938	1580306
F	240m SE	Gasometer	1905	1437070
G	241m N	Unspecified Disused Mills	1892	1432877
G	241m N	Unspecified Commercial/Industrial	1905	1528846

ID	Location	Land use	Dates present	Group ID
G	241m N	Unspecified Commercial/Industrial	1938	1556838
F	242m SE	Gasometers	1892	1445698
G	246m N	Unspecified Industrial/Commercial	1931	1447265
3	255m NE	Unspecified Heap	1957	1468072
A	256m E	Railway Building	1938	1490469
A	256m E	Railway Building	1905	1524199
N	265m S	Railway Sidings	1905	1479832
A	266m E	Railway Building	1892 - 1905	1520007
4	269m SE	Unspecified Commercial/Industrial	1957	1538619
K	270m NW	Unspecified Commercial/Industrial	1938	1431842
F	270m SE	Gasometer	1905	1437071
F	271m SE	Unspecified Tank	1957	1473438
G	286m N	Unspecified Tanks	1938	1443827
F	296m SE	Dye Works	1948	1501826
F	298m SE	Dye Works	1931	1500526
O	299m SE	Unspecified Mills	1992	1554851
F	299m SE	Unspecified Disused Mills	1938	1432884
F	299m SE	Dye Works	1948	1505346
F	299m SE	Unspecified Mills	1892 - 1905	1513100
O	300m SE	Unspecified Mills	1971 - 1980	1488007
F	301m SE	Unspecified Tank	1957 - 1992	1500985
F	302m SE	Gasometer	1892 - 1905	1572620
A	302m E	Railway Building	1948	1476358
K	318m NW	Unspecified Works	1974 - 1988	1515224
G	334m N	Unspecified Tanks	1948	1548410
G	335m N	Unspecified Tanks	1931	1529544
Q	338m SW	Unspecified Commercial/Industrial	1905	1431913
G	342m N	Unspecified Tanks	1948 - 1955	1559398

ID	Location	Land use	Dates present	Group ID
N	351m S	Refuse Heap	1905	1435148
N	352m S	Unspecified Heap	1938	1535735
F	365m SE	Refuse Heap	1905	1435147
Q	372m SW	Unspecified Mills	1967 - 1988	1501305
R	376m S	Unspecified Pit	1905	1452307
R	385m S	Unspecified Ground Workings	1892	1440560
Q	395m SW	Unspecified Mill	1892	1448688
S	398m SE	Unspecified Mills	1971 - 1980	1498981
T	399m NE	Unspecified Disused Quarry	1938	1569394
T	401m NE	Unspecified Disused Quarry	1948	1535121
V	403m SW	Unspecified Ground Workings	1938	1521665
T	404m NE	Unspecified Disused Quarry	1905 - 1931	1565301
S	404m SE	Unspecified Mills	1992	1552313
W	405m NW	Unspecified Commercial/Industrial	1948	1535593
G	406m N	Unspecified Tanks	1948	1488386
G	406m N	Unspecified Tanks	1938	1484844
T	406m NE	Unspecified Quarry	1892	1464964
X	409m SW	Unspecified Quarry	1905	1464966
V	409m SW	Unspecified Ground Workings	1967 - 1974	1580800
G	410m N	Unspecified Tanks	1948	1582258
G	411m N	Unspecified Tanks	1931	1539518
G	411m N	Unspecified Tanks	1955	1518080
W	417m NW	Unspecified Mills	1967	1489657
W	417m NW	Unspecified Mill	1974 - 1988	1511237
N	421m S	Unspecified Heap	1948	1491657
W	421m NW	Unspecified Commercial/Industrial	1938	1535673
W	421m NW	Unspecified Commercial/Industrial	1905	1537394
X	428m SW	Unspecified Heap	1967 - 1974	1497438

ID	Location	Land use	Dates present	Group ID
X	434m SW	Unspecified Heap	1948 - 1955	1578881
Z	434m W	Unspecified Depot	1967 - 1981	1503818
Z	437m W	Unspecified Works	1988	1460417
Z	440m W	Electricity Works	1905	1442989
Z	440m W	Unspecified Commercial/Industrial	1938	1525607
X	442m SW	Unspecified Heap	1931	1529466
X	444m SW	Unspecified Heap	1948	1537741
X	444m SW	Unspecified Quarry	1905	1464967
W	448m NW	Unspecified Mills	1892	1572895
AC	463m N	Railway Building	1905	1529367
AC	470m N	Railway Building	1955	1562615
7	472m E	Unspecified Ground Workings	1992	1440556
AD	479m S	Unspecified Quarry	1948	1574137
AD	479m S	Unspecified Quarry	1948 - 1955	1521878
8	479m NW	Unspecified Commercial/Industrial	1938	1431843
9	483m W	Unspecified Ground Workings	1967	1440141
10	499m W	Unspecified Ground Workings	1938	1560691

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**154**

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 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 14 >**

ID	Location	Land use	Dates present	Group ID
C	116m S	Unspecified Tank	1894	243516

ID	Location	Land use	Dates present	Group ID
C	120m S	Unspecified Tank	1922	243519
C	156m S	Unspecified Tank	1907	243518
C	156m S	Tanks	1922 - 1938	246947
C	190m S	Unspecified Tank	1955 - 1966	259552
C	191m S	Tanks	1907	236214
F	195m SE	Gas Works	1893 - 1894	253183
F	198m SE	Gas Works	1955 - 1956	252206
F	198m SE	Gas Works	-	233439
F	198m SE	Gas Works	-	233445
A	199m NE	Unspecified Tank	1939	237443
F	199m SE	Gas Works	1956 - 1966	261202
A	200m NE	Unspecified Tank	1922	239541
J	203m S	Unspecified Tank	1907	256820
A	206m NE	Unspecified Tank	1987 - 1995	258025
F	212m SE	Gas Depot	1987	237369
L	214m SE	Gas Works	1955	246388
J	220m S	Unspecified Tank	1907	246084
J	220m S	Tanks	1922 - 1933	253529
J	220m S	Unspecified Tank	1938	262153
C	220m S	Unspecified Tank	1894	243514
C	220m S	Unspecified Tank	1922 - 1938	259179
A	223m NE	Unspecified Tank	1987 - 1995	258013
F	229m SE	Gasholder Station	1969	236503
F	231m SE	Unspecified Tank	1955 - 1966	255478
F	232m SE	Unspecified Tank	-	233426
F	232m SE	Unspecified Tank	-	233431
F	234m SE	Unspecified Tank	1955	255059
F	234m SE	Unspecified Tank	-	233427

ID	Location	Land use	Dates present	Group ID
F	234m SE	Unspecified Tank	-	233428
F	234m SE	Unspecified Tank	1956 - 1966	257966
F	238m SE	Tanks	1933 - 1938	247640
F	238m SE	Gasometers	1893 - 1922	256789
F	239m SE	Unspecified Tank	1955 - 1966	256759
F	240m SE	Unspecified Tank	-	233429
F	240m SE	Unspecified Tank	-	233432
F	240m SE	Gasometers	1955	256589
F	240m SE	Gasometer	1987	256745
F	241m SE	Gasholder	1969	236586
F	241m SE	Gasometers	-	233425
F	241m SE	Gasometers	-	233433
F	241m SE	Gasometer	1956 - 1966	250381
G	256m N	Unspecified Tank	1977	243506
L	264m SE	Unspecified Tank	1893 - 1987	256864
F	272m SE	Gasometer	1956 - 1966	257736
H	297m S	Tanks	1922 - 1938	247931
H	298m S	Tanks	1907	259375
F	300m SE	Gasometer	1893 - 1922	249352
F	300m SE	Unspecified Tank	1933 - 1938	262027
F	303m SE	Gasholder	1969	236585
F	305m SE	Gasometer	1956 - 1966	259551
H	306m S	Tanks	1922	236216
F	309m SE	Unspecified Tank	1907	239540
G	313m N	Unspecified Tank	1922	243513
G	317m N	Unspecified Tank	1907	243509
F	321m E	Tanks	1955 - 1966	250092
G	322m N	Unspecified Tank	1933	243512

ID	Location	Land use	Dates present	Group ID
H	322m S	Tanks	1922 - 1938	246844
F	322m E	Tanks	-	233430
F	322m E	Tanks	-	233442
G	327m N	Unspecified Tank	1955 - 1977	254262
G	335m N	Unspecified Tank	1933	243511
G	336m N	Unspecified Tank	1955 - 1977	261837
G	340m N	Unspecified Tanks	1922	236789
G	346m N	Tanks	1955	245058
G	347m N	Tanks	1956 - 1971	247494
A	352m E	Tanks	1987 - 1995	258862
G	352m N	Unspecified Tank	1955 - 1971	245870
K	355m NW	Unspecified Tanks	1907	236788
G	356m N	Unspecified Tank	1955 - 1971	256321
K	356m NW	Unspecified Tank	1977 - 1999	261368
N	361m S	Humus Tanks	1933 - 1938	257398
N	362m S	Humus Tank	1955 - 1966	254366
K	362m NW	Unspecified Tank	1922	258900
K	364m NW	Unspecified Tank	1933	244639
G	366m N	Unspecified Tank	1955	257999
G	366m N	Unspecified Tank	1971	250651
G	366m N	Unspecified Tank	1956	252493
G	368m N	Unspecified Tank	1922 - 1933	249505
G	370m N	Unspecified Tank	1907	243508
G	370m N	Unspecified Tank	1955 - 1971	248308
F	371m SE	Unspecified Tank	1955 - 1966	250828
F	372m SE	Unspecified Tank	-	233434
F	372m SE	Unspecified Tank	-	233444
G	372m N	Tanks	1955	244812

ID	Location	Land use	Dates present	Group ID
G	372m N	Tanks	1956 - 1971	246546
G	376m N	Unspecified Tank	1907	243510
G	380m N	Unspecified Tank	1955 - 1971	262218
F	381m SE	Unspecified Tank	1955	254449
F	381m SE	Unspecified Tank	1966	253038
F	381m SE	Unspecified Tank	1956	255810
F	382m SE	Unspecified Tank	-	233435
F	382m SE	Unspecified Tank	-	233441
G	387m N	Unspecified Tank	1955 - 1971	247671
F	387m SE	Tanks	1922 - 1933	253378
F	392m SE	Tanks	1955	252298
F	393m SE	Tanks	-	233424
F	393m SE	Tanks	-	233437
F	393m SE	Tanks	1956 - 1966	246255
G	394m N	Unspecified Tank	1922 - 1933	259565
G	395m N	Unspecified Tank	1922 - 1933	245527
F	399m SE	Unspecified Tank	1893	239539
F	399m SE	Tanks	1922 - 1933	249714
F	399m SE	Unspecified Tank	1955 - 1969	255158
F	400m SE	Unspecified Tank	-	233436
F	400m SE	Unspecified Tank	-	233443
F	401m SE	Tanks	1955 - 1966	250868
F	402m SE	Tanks	-	233438
F	402m SE	Tanks	-	233440
N	403m S	Unspecified Tank	1955 - 1966	262408
U	405m NW	Unspecified Tanks	1922	236764
G	405m N	Unspecified Tank	1922 - 1933	256359
N	405m S	Humus Tanks	1933 - 1938	251211

ID	Location	Land use	Dates present	Group ID
U	405m NW	Unspecified Tank	1933	242761
G	407m N	Tanks	1956 - 1971	247848
U	407m NW	Tanks	1972 - 1995	257776
G	410m N	Tanks	1956 - 1971	253374
M	414m E	Unspecified Tank	1987	255001
G	414m N	Unspecified Tanks	1922	255587
M	414m E	Unspecified Tank	1995	253248
M	414m E	Unspecified Tank	1995	253739
G	415m N	Unspecified Tank	1955 - 1971	253341
G	415m N	Unspecified Tanks	1933	255263
N	417m S	Tanks	1956 - 1966	259998
N	417m S	Tanks	1955	255673
G	418m N	Tanks	1955	236212
G	420m N	Tanks	1956 - 1971	246880
N	422m S	Tanks	1922 - 1938	253268
G	423m N	Unspecified Tank	1922 - 1933	252475
Q	423m SW	Unspecified Tank	1894	243517
G	429m N	Tanks	1955	236213
G	429m N	Unspecified Tank	1956 - 1971	259755
AA	439m E	Unspecified Tank	1907	249175
AA	440m E	Unspecified Tank	1894	258168
N	447m S	Tanks	1955 - 1974	257164
5	447m SE	Unspecified Tank	1972 - 1992	248458
N	449m S	Settling Tank	1974	255809
N	449m S	Settling Tank	1955	258053
N	449m S	Settling Tanks	1956 - 1966	259697
N	449m S	Septic Tanks	1956 - 1966	260761
N	450m S	Septic Tank	1955	237358

ID	Location	Land use	Dates present	Group ID
N	456m S	Septic Tanks	1922 - 1938	258714
N	457m S	Settling Tanks	1922 - 1938	257002
O	459m SE	Unspecified Tank	1987 - 1995	251371
Z	463m W	Unspecified Tank	1955 - 1995	253445
Z	469m W	Unspecified Tank	1933	242762
W	477m W	Tanks	1985 - 1995	247765
W	477m W	Tanks	1955 - 1972	254616
W	479m W	Unspecified Tanks	1922 - 1933	260018
W	479m W	Unspecified Tanks	1907	258947
W	491m W	Unspecified Tanks	1894	236758
Z	491m W	Tanks	1985 - 1995	247515
S	493m SE	Tanks	1972 - 1985	245314
S	494m SE	Tanks	1992	258273

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	**69**

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 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 14 >**

ID	Location	Land use	Dates present	Group ID
C	55m SW	Electricity Substation	1955 - 1956	155498
C	55m SW	Electricity Substation	1974 - 1997	146981
E	113m NW	Electricity Substation	1980 - 1981	151766
E	114m NW	Electricity Substation	1974	148952
E	118m NW	Electricity Substation	1995 - 1997	154589

ID	Location	Land use	Dates present	Group ID
C	134m SE	Electricity Substation	1956	146096
C	135m SE	Electricity Substation	1980 - 1981	151378
C	135m SE	Electricity Substation	1974	145259
C	135m SE	Electricity Substation	1955	149070
C	137m SE	Electricity Substation	1995 - 1997	150507
F	195m SE	Gas Works	1893 - 1894	151824
F	197m SE	Corporation Gas Works	1907 - 1922	161013
F	198m SE	Gas Works	1955 - 1956	161731
F	198m SE	Gas Works	-	141727
F	198m SE	Gas Works	-	141729
F	199m SE	Gas Works	1956 - 1966	151999
F	212m SE	Gas Depot	1987	145063
L	214m SE	Gas Works	1955	156732
F	229m SE	Gasholder Station	1969	142039
F	238m SE	Gasometers	1893 - 1922	150634
F	240m SE	Gasometers	1955	149225
F	240m SE	Gasometer	1987	156689
F	241m SE	Gasholder	1969	142096
F	241m SE	Gasometers	-	141726
F	241m SE	Gasometers	-	141728
F	241m SE	Gasometer	1956 - 1966	147477
A	248m NE	Electricity Substation	1987 - 1995	146528
J	267m SW	Electricity Substation	1955 - 1956	151645
F	272m SE	Gasometer	1956 - 1966	151440
G	291m NW	Electricity Substation	1999	143756
F	300m SE	Gasometer	1893 - 1922	155822
F	303m SE	Gasholder	1969	142095
F	305m SE	Gasometer	1956 - 1966	161069

ID	Location	Land use	Dates present	Group ID
J	315m S	Electricity Substation	1991	155528
G	315m N	Electricity Substation	1977	143759
J	316m S	Electricity Substation	1974	162136
J	316m S	Electricity Substation	1995	153054
P	332m SW	Electricity Substation	1995	143757
P	332m SW	Electricity Transformer Station	1974 - 1991	160237
K	387m NW	Electricity Substation	1989 - 1999	154936
K	388m NW	Electricity Substation	1977	145913
U	402m NW	Electricity Substation	1994 - 1995	159767
U	403m NW	Electricity Substation	1972	148507
U	404m NW	Electricity Substation	1985	152388
Y	411m E	Electricity Substation	1969	155706
Y	412m E	Electricity Substation	1987	160020
R	414m S	Electricity Substation	1974 - 1995	145512
R	415m S	Electricity Substation	1955 - 1956	148355
Z	436m W	Electricity Board Depot	1955	149434
Q	436m SW	Electricity Substation	1955 - 1956	161899
Q	437m SW	Electricity Substation	1974	157151
Z	440m W	Corporation Electricity Works	1922	144933
Z	443m W	Electricity Board Depot	1956 - 1966	149742
Z	445m W	Electricity Substation	1972	147840
Z	445m W	Electricity Substation	1994	149722
Z	445m W	Electricity Substation	1995	159358
Z	446m W	Electricity Substation	1985	156460
6	459m NE	Electricity Substation	1970 - 1996	155071
T	460m NE	Electricity Substation	1955	156014
T	461m NE	Electricity Substation	1956	145923
T	477m NE	Electricity Substation	1971	160450

ID	Location	Land use	Dates present	Group ID
T	481m NE	Electricity Substation	1995 - 1996	149026
T	482m NE	Electricity Substation	1970	161342
AB	485m NW	Electricity Substation	1955 - 1971	156788
AB	485m NW	Electricity Substation	1977 - 1989	148919
AB	492m NW	Electricity Substation	1999	148092
AB	492m NW	Electricity Substation	1995	150778
S	499m SE	Electricity Substation	1985	148745
S	500m SE	Electricity Substation	1992 - 1996	159677

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 un-grouped 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	24

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 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 14 >**

ID	Location	Land use	Dates present	Group ID
C	82m SW	Garage	1980 - 1981	48862
C	107m SW	Garage	1980 - 1981	48516
C	108m SW	Garage	1995	49904

ID	Location	Land use	Dates present	Group ID
C	111m SW	Garage	1974	51080
C	133m SW	Garage	1995 - 1997	48424
2	142m W	Garage	1955 - 1974	50913
J	233m S	Garage	1980 - 1981	47388
G	233m NW	Garage	1995	52256
G	233m NW	Garage	1989	50726
J	233m S	Garage	1974	48677
J	235m S	Garage	1995 - 1997	50770
G	247m NW	Garage	1999	47108
J	273m S	Garage	1991 - 1995	47599
J	274m S	Garage	1974	50522
K	399m NW	Garage	1995 - 1999	46282
K	400m NW	Garage	1977	47102
K	401m NW	Garage	1989	51519
AB	452m NW	Garage	1995 - 1999	50479
AB	452m NW	Garage	1955 - 1977	49200
AB	452m NW	Garage	1956 - 1971	50659
AB	452m NW	Garage	1989	46668
Q	454m SW	Garage	1995	45769
AE	484m NW	Garage	1955	48028
AE	484m NW	Garage	1967	47648

This data is sourced from Ordnance Survey / Groundsure.

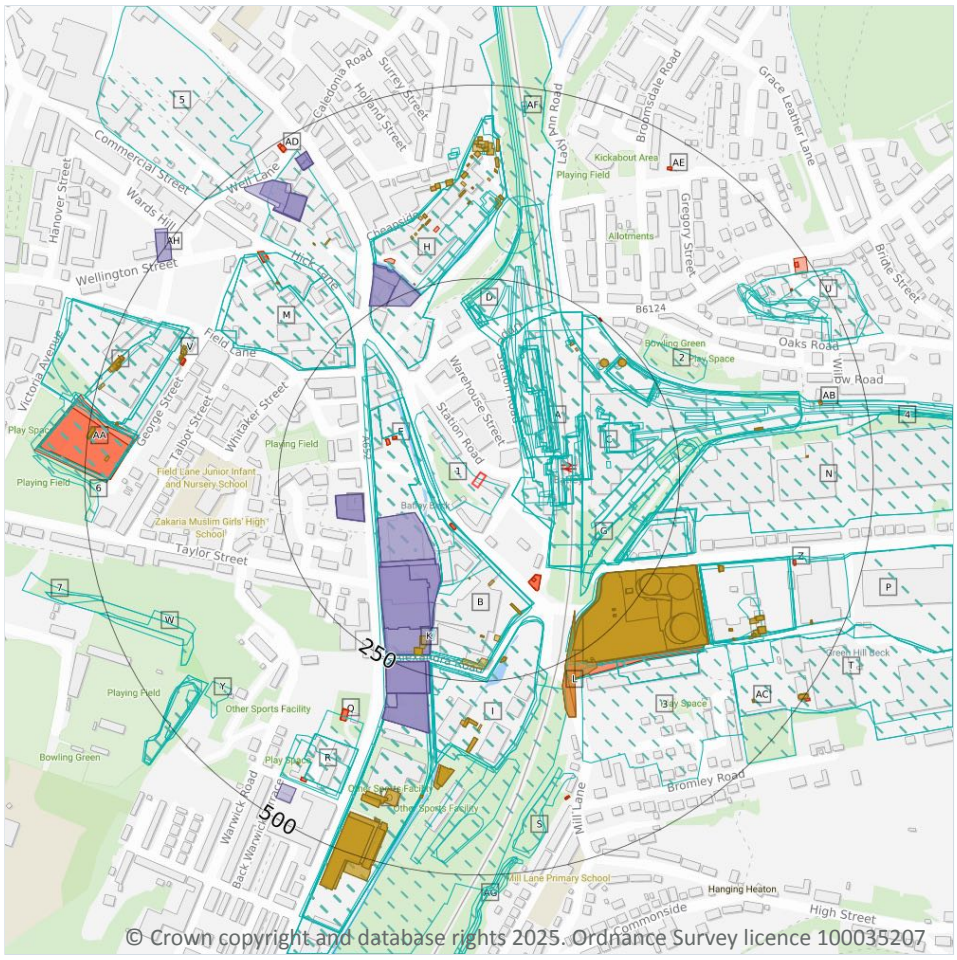
1.6 Historical military land

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



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2.1 Historical industrial land uses

Records within 500m	250

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 32 >**

ID	Location	Land Use	Date	Group ID
1	**On site**	**Unspecified Mills**	**1892**	**1446039**
A	41m SE	Railway Sidings	1981	1564931
A	41m SE	Railway Sidings	1974	1484725

ID	Location	Land Use	Date	Group ID
A	41m SE	Railway Sidings	1967	1514326
A	41m SE	Railway Sidings	1955	1573208
B	47m W	Unspecified Mills	1988	1549326
B	47m W	Unspecified Mills	1981	1549326
B	47m W	Unspecified Mills	1974	1549326
B	47m SW	Unspecified Mills	1967	1542985
C	49m E	Railway Sidings	1892	1558322
C	51m E	Railway Station	1892	1493972
B	53m SW	Unspecified Commercial/Industrial	1948	1538188
B	54m SW	Unspecified Mills	1892	1493317
D	55m NE	Railway Sidings	1948	1564126
B	57m W	Unspecified Commercial/Industrial	1905	1502622
B	57m W	Unspecified Commercial/Industrial	1938	1505668
C	58m E	Railway Sidings	1948	1540147
C	58m E	Railway Sidings	1905	1509655
C	58m E	Railway Sidings	1938	1482691
A	58m NE	Unspecified Industrial/Commercial	1931	1447275
D	58m NE	Railway Sidings	1931	1509931
B	69m W	Unspecified Works	1988	1521477
B	69m W	Unspecified Works	1981	1521477
B	69m W	Unspecified Mills	1974	1523860
C	72m E	Railway Building	1955	1476357
A	73m NE	Railway Building	1948	1511493
A	74m NE	Railway Building	1948	1485356
A	74m NE	Railway Building	1938	1531835
C	75m E	Railway Station	1948	1541079
A	77m NE	Railway Building	1948	1569780
C	78m E	Railway Station	1948	1541079

ID	Location	Land Use	Date	Group ID
C	78m E	Railway Station	1905	1550176
C	78m E	Railway Station	1938	1542668
C	78m E	Railway Station	1931	1564377
A	79m NE	Railway Building	1892	1551779
A	80m NE	Railway Building	1905	1535690
C	80m E	Railway Station	1955	1534410
A	80m E	Railway Building	1892	1500191
A	84m NE	Railway Building	1974	1511493
A	84m NE	Railway Building	1967	1511493
A	84m NE	Railway Building	1955	1511493
C	84m E	Railway Station	1974	1488409
C	84m E	Radar Station	1967	1432120
A	89m E	Railway Building	1988	1494973
A	89m E	Railway Building	1981	1494973
C	93m E	Railway Station	1988	1563743
C	93m E	Railway Station	1981	1563743
B	103m S	Unspecified Mills	1892	1529496
C	124m E	Unspecified Commercial/Industrial	1992	1538080
C	124m E	Unspecified Works	1971	1459942
C	124m E	Railway Sidings	1971	1484725
C	124m E	Railway Sidings	1957	1573208
C	126m E	Railway Building	1892	1476185
C	149m SE	Railway Sidings	1948	1563480
C	152m SE	Railway Sidings	1931	1575996
C	156m E	Goods Shed	1948	1536563
C	157m E	Railway Building	1905	1476182
C	158m E	Goods Shed	1931	1525605
C	159m E	Goods Shed	1948	1536563

ID	Location	Land Use	Date	Group ID
C	159m E	Railway Building	1905	1556396
C	159m E	Railway Building	1892	1556396
C	159m E	Goods Shed	1938	1525605
G	160m SE	Railway Building	1938	1507846
G	161m SE	Railway Building	1948	1553521
C	161m NE	Railway Buildings	1938	1515590
C	162m E	Railway Buildings	1957	1498451
C	163m NE	Railway Buildings	1948	1557174
H	163m NW	Unspecified Mills	1988	1563664
H	163m NW	Unspecified Mills	1981	1563664
H	163m NW	Unspecified Commercial/Industrial	1974	1485586
H	163m NW	Unspecified Mills	1967	1572578
G	164m SE	Railway Building	1905	1476184
G	168m SE	Unspecified Ground Workings	1992	1438689
C	168m NE	Railway Building	1905	1476181
I	179m S	Unspecified Mills	1988	1531808
I	179m S	Unspecified Mills	1981	1531808
I	183m S	Unspecified Commercial/Industrial	1905	1495170
I	183m S	Unspecified Commercial/Industrial	1938	1577687
J	185m N	Railway Building	1905	1487710
J	185m N	Railway Building	1938	1559699
I	185m S	Unspecified Mills	1892	1577582
J	189m N	Railway Building	1988	1577716
J	189m N	Railway Building	1981	1577716
J	189m N	Railway Building	1974	1577716
J	189m N	Railway Building	1967	1577716
C	189m NE	Railway Buildings	1938	1487073
C	190m E	Cuttings	1892	1581559

ID	Location	Land Use	Date	Group ID
C	190m NE	Railway Buildings	1905	1570187
D	192m N	Railway Sidings	1967	1573130
D	192m N	Railway Sidings	1955	1573130
J	192m N	Railway Building	1955	1484739
C	192m E	Cuttings	1957	1561850
G	193m SE	Unspecified Commercial/Industrial	1948	1488450
G	195m SE	Boiler Works	1948	1442028
G	196m SE	Unspecified Commercial/Industrial	1957	1577364
G	197m SE	Unspecified Commercial/Industrial	1931	1512206
G	198m SE	Gas Works	1905	1556116
G	198m SE	Unspecified Commercial/Industrial	1938	1512206
C	198m NE	Unspecified Tank	1948	1549607
G	198m SE	Railway Building	1905	1476183
C	199m SE	Boiler Works	1948	1531135
C	200m SE	Boiler Works	1931	1579436
G	200m SE	Gas Works	1892	1556116
C	200m NE	Unspecified Tank	1992	1473436
G	200m SE	Unspecified Works	1992	1557947
G	200m SE	Unspecified Works	1971	1555019
G	200m SE	Unspecified Works	1980	1557947
C	201m NE	Unspecified Tank	1938	1507696
C	201m NE	Railway Building	1905	1476022
C	202m SE	Boiler Works	1948	1531135
C	203m NE	Goods Shed	1948	1518518
C	204m NE	Unspecified Tank	1931	1507696
C	205m NE	Goods Shed	1948	1518518
C	205m NE	Railway Building	1905	1501988
C	205m NE	Railway Building	1892	1501988

ID	Location	Land Use	Date	Group ID
C	205m NE	Goods Shed	1938	1530603
C	206m SE	Unspecified Commercial/Industrial	1992	1535633
C	206m SE	Unspecified Commercial/Industrial	1971	1535633
C	206m SE	Unspecified Commercial/Industrial	1957	1535633
C	206m SE	Unspecified Commercial/Industrial	1980	1535633
C	208m NE	Railway Building	1957	1539279
C	208m NE	Goods Shed	1931	1530603
C	210m SE	Boiler Works	1938	1548306
M	212m NW	Unspecified Mills	1988	1562051
M	212m NW	Unspecified Mills	1981	1562051
M	212m NW	Unspecified Mills	1974	1562051
C	218m NE	Unspecified Tank	1992	1473437
M	218m NW	Unspecified Commercial/Industrial	1905	1534059
M	218m NW	Unspecified Commercial/Industrial	1938	1559938
C	220m E	Unspecified Ground Workings	1992	1440557
G	232m SE	Unspecified Tanks	1948	1544654
N	233m E	Unspecified Warehouses	1992	1495165
N	233m E	Unspecified Warehouses	1980	1495165
O	234m S	Sewage Works	1988	1488084
O	234m S	Sewage Works	1981	1488084
O	234m S	Unspecified Commercial/Industrial	1974	1545540
O	234m S	Sewage Works	1967	1491022
O	234m S	Sewage Works	1955	1491022
G	235m SE	Unspecified Tanks	1931	1549331
G	235m SE	Unspecified Tanks	1948	1558311
G	236m SE	Unspecified Tanks	1938	1489581
O	237m S	Sewage Works	1931	1512970
G	238m SE	Unspecified Tank	1992	1557832

ID	Location	Land Use	Date	Group ID
G	238m SE	Unspecified Tank	1971	1557832
G	238m SE	Unspecified Tank	1957	1557832
G	238m SE	Unspecified Tank	1980	1557832
O	239m S	Sewage Works	1948	1569178
O	239m S	Sewage Works	1905	1532922
O	239m S	Sewage Works	1938	1580306
O	239m S	Sewage Works	1948	1569178
G	240m SE	Gasometer	1905	1437070
H	241m N	Unspecified Disused Mills	1892	1432877
H	241m N	Unspecified Commercial/Industrial	1905	1528846
H	241m N	Unspecified Commercial/Industrial	1938	1556838
G	242m SE	Gasometers	1892	1445698
H	246m N	Unspecified Industrial/Commercial	1931	1447265
2	255m NE	Unspecified Heap	1957	1468072
C	256m E	Railway Building	1905	1524199
C	256m E	Railway Building	1938	1490469
O	265m S	Railway Sidings	1905	1479832
C	266m E	Railway Building	1892	1520007
C	267m E	Railway Building	1905	1520007
3	269m SE	Unspecified Commercial/Industrial	1957	1538619
M	270m NW	Unspecified Commercial/Industrial	1938	1431842
G	270m SE	Gasometer	1905	1437071
G	271m SE	Unspecified Tank	1957	1473438
H	286m N	Unspecified Tanks	1938	1443827
G	296m SE	Dye Works	1948	1501826
G	298m SE	Dye Works	1931	1500526
P	299m SE	Unspecified Mills	1992	1554851
G	299m SE	Dye Works	1948	1505346

ID	Location	Land Use	Date	Group ID
G	299m SE	Unspecified Mills	1905	1513100
G	299m SE	Unspecified Disused Mills	1938	1432884
P	300m SE	Unspecified Mills	1971	1488007
P	300m SE	Unspecified Mills	1980	1488007
G	301m SE	Unspecified Tank	1992	1500985
G	301m SE	Unspecified Tank	1971	1500985
G	301m SE	Unspecified Tank	1957	1500985
G	301m SE	Unspecified Tank	1980	1500985
G	302m SE	Gasometer	1905	1572620
C	302m E	Railway Building	1948	1476358
G	303m SE	Unspecified Mills	1892	1513100
G	304m SE	Gasometer	1892	1572620
M	318m NW	Unspecified Works	1988	1515224
M	318m NW	Unspecified Works	1981	1515224
M	318m NW	Unspecified Works	1974	1515224
H	334m N	Unspecified Tanks	1948	1548410
H	335m N	Unspecified Tanks	1931	1529544
R	338m SW	Unspecified Commercial/Industrial	1905	1431913
H	342m N	Unspecified Tanks	1948	1559398
H	347m N	Unspecified Tanks	1955	1559398
O	351m S	Refuse Heap	1905	1435148
O	352m S	Unspecified Heap	1938	1535735
G	365m SE	Refuse Heap	1905	1435147
R	372m SW	Unspecified Mills	1988	1501305
R	372m SW	Unspecified Mills	1981	1501305
R	372m SW	Unspecified Mills	1974	1501305
R	372m SW	Unspecified Mills	1967	1501305
S	376m S	Unspecified Pit	1905	1452307

ID	Location	Land Use	Date	Group ID
S	385m S	Unspecified Ground Workings	1892	1440560
R	395m SW	Unspecified Mill	1892	1448688
T	398m SE	Unspecified Mills	1971	1498981
T	398m SE	Unspecified Mills	1980	1498981
U	399m NE	Unspecified Disused Quarry	1938	1569394
U	401m NE	Unspecified Disused Quarry	1948	1535121
U	401m NE	Unspecified Disused Quarry	1948	1535121
W	403m SW	Unspecified Ground Workings	1938	1521665
U	404m NE	Unspecified Disused Quarry	1931	1565301
T	404m SE	Unspecified Mills	1992	1552313
X	405m NW	Unspecified Commercial/Industrial	1948	1535593
H	406m N	Unspecified Tanks	1948	1488386
H	406m N	Unspecified Tanks	1938	1484844
U	406m NE	Unspecified Quarry	1892	1464964
Y	409m SW	Unspecified Quarry	1905	1464966
W	409m SW	Unspecified Ground Workings	1974	1580800
W	409m SW	Unspecified Ground Workings	1967	1580800
H	410m N	Unspecified Tanks	1948	1582258
H	411m N	Unspecified Tanks	1931	1539518
H	411m N	Unspecified Tanks	1955	1518080
U	413m NE	Unspecified Disused Quarry	1905	1565301
X	417m NW	Unspecified Mill	1988	1511237
X	417m NW	Unspecified Mill	1981	1511237
X	417m NW	Unspecified Mill	1974	1511237
X	417m NW	Unspecified Mills	1967	1489657
O	421m S	Unspecified Heap	1948	1491657
X	421m NW	Unspecified Commercial/Industrial	1905	1537394
X	421m NW	Unspecified Commercial/Industrial	1938	1535673

ID	Location	Land Use	Date	Group ID
Y	428m SW	Unspecified Heap	1974	1497438
Y	428m SW	Unspecified Heap	1967	1497438
Y	434m SW	Unspecified Heap	1955	1578881
AA	434m W	Unspecified Depot	1981	1503818
AA	434m W	Unspecified Depot	1974	1503818
AA	434m W	Unspecified Depot	1967	1503818
AA	437m W	Unspecified Works	1988	1460417
AA	440m W	Electricity Works	1905	1442989
AA	440m W	Unspecified Commercial/Industrial	1938	1525607
Y	442m SW	Unspecified Heap	1931	1529466
Y	442m SW	Unspecified Heap	1948	1578881
Y	444m SW	Unspecified Heap	1948	1537741
Y	444m SW	Unspecified Quarry	1905	1464967
X	448m NW	Unspecified Mills	1892	1572895
AF	463m N	Railway Building	1905	1529367
AF	470m N	Railway Building	1955	1562615
4	472m E	Unspecified Ground Workings	1992	1440556
AG	479m S	Unspecified Quarry	1948	1574137
AG	479m S	Unspecified Quarry	1955	1521878
5	479m NW	Unspecified Commercial/Industrial	1938	1431843
AG	481m S	Unspecified Quarry	1948	1521878
6	483m W	Unspecified Ground Workings	1967	1440141
7	499m W	Unspecified Ground Workings	1938	1560691

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	273

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 32 >**

ID	Location	Land Use	Date	Group ID
B	116m S	Unspecified Tank	1894	243516
B	120m S	Unspecified Tank	1922	243519
B	156m S	Unspecified Tank	1907	243518
B	156m S	Tanks	1922	246947
B	156m S	Tanks	1933	246947
B	156m S	Tanks	1938	246947
B	190m S	Unspecified Tank	1955	259552
B	190m S	Unspecified Tank	1956	259552
B	190m S	Unspecified Tank	1966	259552
B	191m S	Tanks	1907	236214
G	195m SE	Gas Works	1893	253183
G	198m SE	Gas Works	1955	252206
G	198m SE	Gas Works	-	233439
G	198m SE	Gas Works	-	233445
C	199m NE	Unspecified Tank	1939	237443
G	199m SE	Gas Works	1966	261202
G	199m SE	Gas Works	1956	261202
C	200m NE	Unspecified Tank	1922	239541
K	203m S	Unspecified Tank	1907	256820
L	204m SE	Gas Works	1894	253183
C	206m NE	Unspecified Tank	1987	258025
C	206m NE	Unspecified Tank	1995	258025
C	206m NE	Unspecified Tank	1995	258025

ID	Location	Land Use	Date	Group ID
G	212m SE	Gas Depot	1987	237369
L	214m SE	Gas Works	1956	252206
L	214m SE	Gas Works	1955	246388
K	220m S	Unspecified Tank	1907	246084
K	220m S	Tanks	1922	253529
K	220m S	Tanks	1933	253529
K	220m S	Unspecified Tank	1938	262153
B	220m S	Unspecified Tank	1894	243514
B	220m S	Unspecified Tank	1922	259179
B	221m S	Unspecified Tank	1933	259179
B	221m S	Unspecified Tank	1938	259179
C	223m NE	Unspecified Tank	1987	258013
C	224m NE	Unspecified Tank	1995	258013
C	224m NE	Unspecified Tank	1995	258013
G	229m SE	Gasholder Station	1969	236503
G	231m SE	Unspecified Tank	1955	255478
G	232m SE	Unspecified Tank	1966	255478
G	232m SE	Unspecified Tank	1956	255478
G	232m SE	Unspecified Tank	-	233431
G	232m SE	Unspecified Tank	-	233426
G	234m SE	Unspecified Tank	1955	255059
G	234m SE	Unspecified Tank	-	233427
G	234m SE	Unspecified Tank	-	233428
G	234m SE	Unspecified Tank	1966	257966
G	234m SE	Unspecified Tank	1956	257966
G	238m SE	Gasometers	1893	256789
G	238m SE	Gasometers	1907	256789
G	238m SE	Gasometers	1922	256789

ID	Location	Land Use	Date	Group ID
G	238m SE	Tanks	1933	247640
G	238m SE	Tanks	1938	247640
G	239m SE	Unspecified Tank	1955	256759
G	240m SE	Unspecified Tank	-	233432
G	240m SE	Unspecified Tank	-	233429
G	240m SE	Gasometers	1955	256589
G	240m SE	Unspecified Tank	1966	256759
G	240m SE	Unspecified Tank	1956	256759
G	240m SE	Gasometer	1987	256745
G	241m SE	Gasholder	1969	236586
G	241m SE	Gasometers	-	233433
G	241m SE	Gasometers	-	233425
G	241m SE	Gasometer	1966	250381
G	241m SE	Gasometer	1956	250381
H	256m N	Unspecified Tank	1977	243506
L	264m SE	Unspecified Tank	1987	256864
L	267m SE	Unspecified Tank	1893	256864
G	272m SE	Gasometer	1966	257736
G	272m SE	Gasometer	1956	257736
I	297m S	Tanks	1922	247931
I	297m S	Tanks	1933	247931
I	297m S	Tanks	1938	247931
I	298m S	Tanks	1907	259375
G	300m SE	Gasometer	1893	249352
G	300m SE	Gasometer	1907	249352
G	300m SE	Gasometer	1922	249352
G	300m SE	Unspecified Tank	1933	262027
G	300m SE	Unspecified Tank	1938	262027

ID	Location	Land Use	Date	Group ID
G	303m SE	Gasholder	1969	236585
G	305m SE	Gasometer	1966	259551
G	305m SE	Gasometer	1956	259551
I	306m S	Tanks	1922	236216
G	309m SE	Unspecified Tank	1907	239540
H	313m N	Unspecified Tank	1922	243513
H	317m N	Unspecified Tank	1907	243509
G	321m E	Tanks	1955	250092
G	321m E	Tanks	1966	250092
G	321m E	Tanks	1956	250092
H	322m N	Unspecified Tank	1933	243512
I	322m S	Tanks	1922	246844
I	322m S	Tanks	1933	246844
I	322m S	Tanks	1938	246844
G	322m E	Tanks	-	233430
G	322m E	Tanks	-	233442
H	327m N	Unspecified Tank	1977	254262
H	327m N	Unspecified Tank	1955	254262
H	327m N	Unspecified Tank	1956	254262
H	327m N	Unspecified Tank	1971	254262
H	335m N	Unspecified Tank	1933	243511
H	336m N	Unspecified Tank	1977	261837
H	336m N	Unspecified Tank	1955	261837
H	336m N	Unspecified Tank	1956	261837
H	336m N	Unspecified Tank	1971	261837
H	340m N	Unspecified Tanks	1922	236789
H	346m N	Tanks	1955	245058
H	347m N	Tanks	1956	247494

ID	Location	Land Use	Date	Group ID
H	347m N	Tanks	1971	247494
C	352m E	Tanks	1987	258862
C	352m E	Tanks	1995	258862
C	352m E	Tanks	1995	258862
H	352m N	Unspecified Tank	1955	245870
H	353m N	Unspecified Tank	1956	245870
H	353m N	Unspecified Tank	1971	245870
M	355m NW	Unspecified Tanks	1907	236788
H	356m N	Unspecified Tank	1955	256321
M	356m NW	Unspecified Tank	1995	261368
M	356m NW	Unspecified Tank	1999	261368
M	356m NW	Unspecified Tank	1977	261368
H	356m N	Unspecified Tank	1956	256321
H	356m N	Unspecified Tank	1971	256321
M	357m NW	Unspecified Tank	1989	261368
O	361m S	Humus Tanks	1933	257398
O	361m S	Humus Tanks	1938	257398
O	362m S	Humus Tank	1955	254366
O	362m S	Humus Tank	1956	254366
O	362m S	Humus Tank	1966	254366
M	362m NW	Unspecified Tank	1922	258900
M	364m NW	Unspecified Tank	1933	244639
H	366m N	Unspecified Tank	1955	257999
H	366m N	Unspecified Tank	1956	252493
H	366m N	Unspecified Tank	1971	250651
H	368m N	Unspecified Tank	1922	249505
H	369m N	Unspecified Tank	1933	249505
H	370m N	Unspecified Tank	1907	243508

ID	Location	Land Use	Date	Group ID
H	370m N	Unspecified Tank	1955	248308
H	371m N	Unspecified Tank	1956	248308
H	371m N	Unspecified Tank	1971	248308
G	371m SE	Unspecified Tank	1955	250828
G	371m SE	Unspecified Tank	1966	250828
G	371m SE	Unspecified Tank	1956	250828
G	372m SE	Unspecified Tank	-	233434
G	372m SE	Unspecified Tank	-	233444
H	372m N	Tanks	1955	244812
H	372m N	Tanks	1956	246546
H	372m N	Tanks	1971	246546
H	376m N	Unspecified Tank	1907	243510
H	380m N	Unspecified Tank	1955	262218
H	380m N	Unspecified Tank	1956	262218
H	380m N	Unspecified Tank	1971	262218
G	381m SE	Unspecified Tank	1955	254449
G	381m SE	Unspecified Tank	1966	253038
G	381m SE	Unspecified Tank	1956	255810
G	382m SE	Unspecified Tank	-	233435
G	382m SE	Unspecified Tank	-	233441
H	387m N	Unspecified Tank	1956	247671
H	387m N	Unspecified Tank	1971	247671
G	387m SE	Tanks	1922	253378
G	387m SE	Tanks	1933	253378
H	387m N	Unspecified Tank	1955	247671
G	392m SE	Tanks	1955	252298
G	393m SE	Tanks	-	233437
G	393m SE	Tanks	-	233424

ID	Location	Land Use	Date	Group ID
G	393m SE	Tanks	1966	246255
G	393m SE	Tanks	1956	246255
H	394m N	Unspecified Tank	1922	259565
H	395m N	Unspecified Tank	1922	245527
H	395m N	Unspecified Tank	1933	259565
H	395m N	Unspecified Tank	1933	245527
G	399m SE	Unspecified Tank	1893	239539
G	399m SE	Tanks	1922	249714
G	399m SE	Tanks	1933	249714
G	399m SE	Unspecified Tank	1955	255158
G	399m SE	Unspecified Tank	1969	255158
G	400m SE	Unspecified Tank	1966	255158
G	400m SE	Unspecified Tank	1956	255158
G	400m SE	Unspecified Tank	-	233436
G	400m SE	Unspecified Tank	-	233443
G	401m SE	Tanks	1955	250868
G	402m SE	Tanks	1966	250868
G	402m SE	Tanks	1956	250868
G	402m SE	Tanks	-	233438
G	402m SE	Tanks	-	233440
O	403m S	Unspecified Tank	1956	262408
O	403m S	Unspecified Tank	1966	262408
O	404m S	Unspecified Tank	1955	262408
V	405m NW	Unspecified Tanks	1922	236764
H	405m N	Unspecified Tank	1922	256359
O	405m S	Humus Tanks	1933	251211
O	405m S	Humus Tanks	1938	251211
V	405m NW	Unspecified Tank	1933	242761

ID	Location	Land Use	Date	Group ID
H	406m N	Unspecified Tank	1933	256359
H	407m N	Tanks	1956	247848
H	407m N	Tanks	1971	247848
V	407m NW	Tanks	1994	257776
V	407m NW	Tanks	1995	257776
V	408m NW	Tanks	1972	257776
V	408m NW	Tanks	1985	257776
H	410m N	Tanks	1956	253374
H	410m N	Tanks	1971	253374
N	414m E	Unspecified Tank	1987	255001
H	414m N	Unspecified Tanks	1922	255587
N	414m E	Unspecified Tank	1995	253739
N	414m E	Unspecified Tank	1995	253248
H	415m N	Unspecified Tank	1955	253341
H	415m N	Unspecified Tanks	1933	255263
H	415m N	Unspecified Tank	1956	253341
H	415m N	Unspecified Tank	1971	253341
O	417m S	Tanks	1956	259998
O	417m S	Tanks	1966	259998
O	417m S	Tanks	1955	255673
H	418m N	Tanks	1955	236212
H	420m N	Tanks	1956	246880
H	420m N	Tanks	1971	246880
O	422m S	Tanks	1922	253268
O	422m S	Tanks	1933	253268
O	422m S	Tanks	1938	253268
H	423m N	Unspecified Tank	1922	252475
R	423m SW	Unspecified Tank	1894	243517

ID	Location	Land Use	Date	Group ID
H	424m N	Unspecified Tank	1933	252475
H	429m N	Tanks	1955	236213
H	429m N	Unspecified Tank	1956	259755
H	429m N	Unspecified Tank	1971	259755
AB	439m E	Unspecified Tank	1907	249175
AB	440m E	Unspecified Tank	1894	258168
O	447m S	Tanks	1974	257164
O	447m S	Tanks	1955	257164
O	447m S	Tanks	1956	257164
O	447m S	Tanks	1966	257164
AC	447m SE	Unspecified Tank	1985	248458
AC	448m SE	Unspecified Tank	1992	248458
AC	448m SE	Unspecified Tank	1972	248458
O	449m S	Settling Tank	1974	255809
O	449m S	Settling Tank	1955	258053
O	449m S	Settling Tanks	1956	259697
O	449m S	Settling Tanks	1966	259697
O	449m S	Septic Tanks	1956	260761
O	449m S	Septic Tanks	1966	260761
O	450m S	Septic Tank	1955	237358
O	456m S	Septic Tanks	1922	258714
O	456m S	Septic Tanks	1933	258714
O	456m S	Septic Tanks	1938	258714
O	457m S	Settling Tanks	1922	257002
O	457m S	Settling Tanks	1933	257002
O	457m S	Settling Tanks	1938	257002
P	459m SE	Unspecified Tank	1995	251371
P	459m SE	Unspecified Tank	1995	251371

ID	Location	Land Use	Date	Group ID
P	459m SE	Unspecified Tank	1987	251371
AA	463m W	Unspecified Tank	1994	253445
AA	463m W	Unspecified Tank	1995	253445
AA	463m W	Unspecified Tank	1955	253445
AA	463m W	Unspecified Tank	1972	253445
AA	463m W	Unspecified Tank	1956	253445
AA	463m W	Unspecified Tank	1966	253445
AA	464m W	Unspecified Tank	1985	253445
AA	469m W	Unspecified Tank	1933	242762
X	477m W	Tanks	1994	247765
X	477m W	Tanks	1995	247765
X	477m W	Tanks	1955	254616
X	477m W	Tanks	1972	254616
X	477m W	Tanks	1956	254616
X	477m W	Tanks	1966	254616
X	478m W	Tanks	1985	247765
X	479m W	Unspecified Tanks	1922	260018
X	479m W	Unspecified Tanks	1907	258947
X	481m W	Unspecified Tanks	1933	260018
X	491m W	Unspecified Tanks	1894	236758
AA	491m W	Tanks	1994	247515
AA	491m W	Tanks	1995	247515
AA	492m W	Tanks	1985	247515
T	493m SE	Tanks	1985	245314
T	493m SE	Tanks	1972	245314
T	494m SE	Tanks	1992	258273

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	120

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 32 >**

ID	Location	Land Use	Date	Group ID
B	55m SW	Electricity Substation	1956	155498
B	55m SW	Electricity Substation	1980	146981
B	55m SW	Electricity Substation	1981	146981
B	56m SW	Electricity Substation	1955	155498
B	56m SW	Electricity Substation	1974	146981
B	57m SW	Electricity Substation	1997	146981
B	57m SW	Electricity Substation	1995	146981
B	57m SW	Electricity Substation	1995	146981
E	113m NW	Electricity Substation	1980	151766
E	113m NW	Electricity Substation	1981	151766
E	114m NW	Electricity Substation	1974	148952
E	118m NW	Electricity Substation	1995	154589
E	118m NW	Electricity Substation	1997	154589
E	118m NW	Electricity Substation	1995	154589
B	134m SE	Electricity Substation	1956	146096
B	135m SE	Electricity Substation	1980	151378
B	135m SE	Electricity Substation	1981	151378
B	135m SE	Electricity Substation	1955	149070
B	135m SE	Electricity Substation	1974	145259
B	137m SE	Electricity Substation	1997	150507
B	137m SE	Electricity Substation	1995	150507
B	137m SE	Electricity Substation	1995	150507
G	195m SE	Gas Works	1893	151824

ID	Location	Land Use	Date	Group ID
G	197m SE	Corporation Gas Works	1907	161013
G	197m SE	Corporation Gas Works	1922	161013
G	198m SE	Gas Works	1955	161731
G	198m SE	Gas Works	-	141727
G	198m SE	Gas Works	-	141729
G	199m SE	Gas Works	1966	151999
G	199m SE	Gas Works	1956	151999
L	204m SE	Gas Works	1894	151824
L	204m SE	Corporation Gas Works	1907	161013
G	212m SE	Gas Depot	1987	145063
L	214m SE	Gas Works	1956	161731
L	214m SE	Gas Works	1955	156732
L	218m SE	Corporation Gas Works	1922	161013
G	229m SE	Gasholder Station	1969	142039
G	238m SE	Gasometers	1893	150634
G	238m SE	Gasometers	1907	150634
G	238m SE	Gasometers	1922	150634
G	240m SE	Gasometers	1955	149225
G	240m SE	Gasometer	1987	156689
G	241m SE	Gasholder	1969	142096
G	241m SE	Gasometers	-	141726
G	241m SE	Gasometers	-	141728
G	241m SE	Gasometer	1966	147477
G	241m SE	Gasometer	1956	147477
C	248m NE	Electricity Substation	1995	146528
C	248m NE	Electricity Substation	1995	146528
C	248m NE	Electricity Substation	1987	146528
K	267m SW	Electricity Substation	1956	151645

ID	Location	Land Use	Date	Group ID
K	267m SW	Electricity Substation	1955	151645
G	272m SE	Gasometer	1966	151440
G	272m SE	Gasometer	1956	151440
H	291m NW	Electricity Substation	1999	143756
G	300m SE	Gasometer	1893	155822
G	300m SE	Gasometer	1907	155822
G	300m SE	Gasometer	1922	155822
G	303m SE	Gasholder	1969	142095
G	305m SE	Gasometer	1966	161069
G	305m SE	Gasometer	1956	161069
K	315m S	Electricity Substation	1991	155528
K	315m S	Electricity Substation	1991	155528
K	315m S	Electricity Substation	1991	155528
H	315m N	Electricity Substation	1977	143759
K	316m S	Electricity Substation	1974	162136
K	316m S	Electricity Substation	1995	153054
Q	332m SW	Electricity Substation	1995	143757
Q	332m SW	Electricity Transformer Station	1974	160237
Q	333m SW	Electricity Transformer Station	1991	160237
Q	333m SW	Electricity Transformer Station	1991	160237
Q	333m SW	Electricity Transformer Station	1991	160237
M	387m NW	Electricity Substation	1995	154936
M	387m NW	Electricity Substation	1999	154936
M	388m NW	Electricity Substation	1977	145913
M	388m NW	Electricity Substation	1989	154936
V	402m NW	Electricity Substation	1994	159767
V	402m NW	Electricity Substation	1995	159767
V	403m NW	Electricity Substation	1972	148507

ID	Location	Land Use	Date	Group ID
V	404m NW	Electricity Substation	1985	152388
Z	411m E	Electricity Substation	1969	155706
Z	412m E	Electricity Substation	1987	160020
S	414m S	Electricity Substation	1974	145512
S	415m S	Electricity Substation	1956	148355
S	415m S	Electricity Substation	1955	148355
S	415m S	Electricity Substation	1991	145512
S	415m S	Electricity Substation	1991	145512
S	415m S	Electricity Substation	1991	145512
S	415m S	Electricity Substation	1995	145512
AA	436m W	Electricity Board Depot	1955	149434
R	436m SW	Electricity Substation	1956	161899
R	437m SW	Electricity Substation	1974	157151
R	437m SW	Electricity Substation	1955	161899
AA	440m W	Corporation Electricity Works	1922	144933
AA	443m W	Electricity Board Depot	1956	149742
AA	443m W	Electricity Board Depot	1966	149742
AA	445m W	Electricity Substation	1972	147840
AA	445m W	Electricity Substation	1994	149722
AA	445m W	Electricity Substation	1995	159358
AA	446m W	Electricity Substation	1985	156460
AE	459m NE	Electricity Substation	1970	155071
AE	459m NE	Electricity Substation	1971	155071
AE	460m NE	Electricity Substation	1996	155071
AE	460m NE	Electricity Substation	1995	155071
U	460m NE	Electricity Substation	1955	156014
U	461m NE	Electricity Substation	1956	145923
U	477m NE	Electricity Substation	1971	160450

ID	Location	Land Use	Date	Group ID
U	481m NE	Electricity Substation	1996	149026
U	481m NE	Electricity Substation	1995	149026
U	482m NE	Electricity Substation	1970	161342
AD	485m NW	Electricity Substation	1955	156788
AD	485m NW	Electricity Substation	1989	148919
AD	485m NW	Electricity Substation	1977	148919
AD	485m NW	Electricity Substation	1956	156788
AD	485m NW	Electricity Substation	1971	156788
AD	492m NW	Electricity Substation	1995	150778
AD	492m NW	Electricity Substation	1999	148092
T	499m SE	Electricity Substation	1985	148745
T	500m SE	Electricity Substation	1996	159677
T	500m SE	Electricity Substation	1992	159677

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	41

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'.

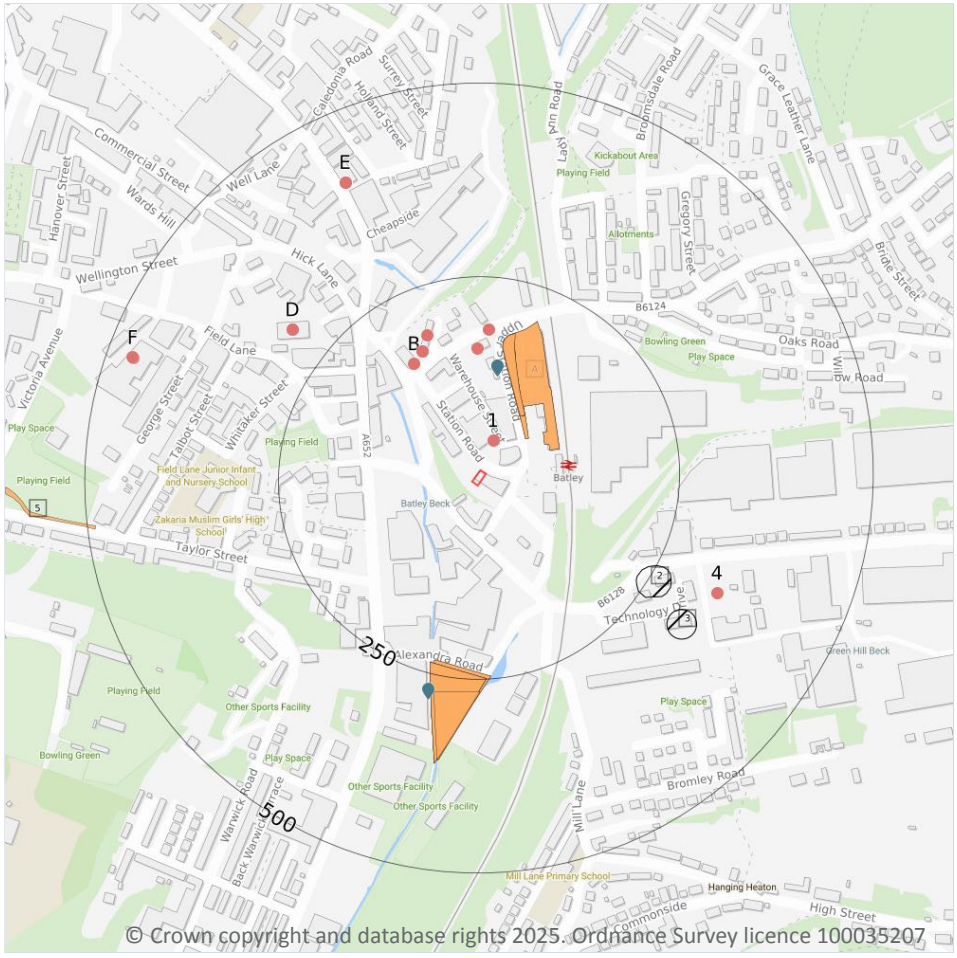
Features are displayed on the Past land use - un-grouped map on **page 32 >**

ID	Location	Land Use	Date	Group ID
B	82m SW	Garage	1980	48862
B	82m SW	Garage	1981	48862
B	107m SW	Garage	1980	48516
B	107m SW	Garage	1981	48516
B	108m SW	Garage	1995	49904
B	111m SW	Garage	1974	51080
B	133m SW	Garage	1997	48424
B	133m SW	Garage	1995	48424
F	142m W	Garage	1956	50913
F	142m W	Garage	1966	50913
F	143m W	Garage	1955	50913
F	143m W	Garage	1974	50913
K	233m S	Garage	1980	47388
K	233m S	Garage	1981	47388
H	233m NW	Garage	1995	52256
H	233m NW	Garage	1989	50726
K	233m S	Garage	1974	48677
K	235m S	Garage	1995	50770
K	235m S	Garage	1997	50770
K	235m S	Garage	1995	50770
H	247m NW	Garage	1995	52256
H	247m NW	Garage	1999	47108
K	273m S	Garage	1995	47599
K	274m S	Garage	1974	50522
K	274m S	Garage	1991	47599
K	274m S	Garage	1991	47599
K	274m S	Garage	1991	47599
M	399m NW	Garage	1999	46282

ID	Location	Land Use	Date	Group ID
M	399m NW	Garage	1995	46282
M	400m NW	Garage	1977	47102
M	401m NW	Garage	1989	51519
AD	452m NW	Garage	1999	50479
AD	452m NW	Garage	1995	50479
AD	452m NW	Garage	1977	49200
AD	452m NW	Garage	1955	49200
AD	452m NW	Garage	1956	50659
AD	452m NW	Garage	1971	50659
AD	452m NW	Garage	1989	46668
R	454m SW	Garage	1995	45769
AH	484m NW	Garage	1955	48028
AH	484m NW	Garage	1967	47648

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



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Site Outline

Search buffers in metres (m)

Historical landfill (EA/NRW)

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	0

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.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

Landfill sites identified from Local Authority records and high detail historical mapping.

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	2

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 59 >**

ID	Location	Details		
2	236m SE	Site Address: Batley Holder Station No 1, Grange Road, Batley Licence Holder Address: New York Road, Leeds	Waste Licence: Yes Site Reference: 4700/0244, 645 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 23/12/1987 Licence Surrender: 30/04/1994	Operator: - Licence Holder: British Gas Plc North Eastern First Recorded 31/12/1987 Last Recorded: 31/12/1992
3	299m SE	Site Address: Batley Holder Station No 2, Batley Holder Station, Grange Road, Batley Licence Holder Address: New York Road, Leeds	Waste Licence: Yes Site Reference: 4700/0290 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 09/11/1981 Licence Surrender: 30/04/1994	Operator: - Licence Holder: North East Gas First Recorded 31/12/1981 Last Recorded: 31/12/1990

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

3.5 Historical waste sites

Records within 500m	12

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 59 >**

ID	Location	Address	Further Details	Date
A	68m NE	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	1980
A	68m NE	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	1981
A	86m NE	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	1997
A	86m NE	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	1995
A	87m NE	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	1974
C	232m S	Site Address: N/A	Type of Site: Oil and Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1956
C	232m S	Site Address: N/A	Type of Site: Oil and Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1966
C	236m S	Site Address: N/A	Type of Site: Oil & Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1922
C	236m S	Site Address: N/A	Type of Site: Oil & Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1933

ID	Location	Address	Further Details	Date
C	236m S	Site Address: N/A	Type of Site: Oil & Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1938
C	266m S	Site Address: N/A	Type of Site: Oil and Waste Mills Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1955
5	489m W	Site Address: N/A	Type of Site: Ground Workings and Refuse Heap Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1933

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

3.6 Licensed waste sites

Records within 500m	**4**

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

Features are displayed on the Waste and landfill map on **page 59 >**

ID	Location	Details		
A	134m N	Site Name: - Site Address: 54, Upper Station Road, Batley, West Yorkshire, WF17 5TA Correspondence Address: 54, Upper Station Road, Batley, West Yorkshire, WF17 5TA	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RSP002 EPR reference: - Operator: R Spivey & Son Limited Waste Management licence No: 61030 Annual Tonnage: 0	Issue Date: 04/01/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
A	134m N	Site Name: - Site Address: 54, Upper Station Road, Batley, West Yorkshire, WF17 5TA Correspondence Address: 54, Upper Station Road, Batley, West Yorkshire, WF17 5TA	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RSP002 EPR reference: - Operator: R Spivey & Sons Limited Waste Management licence No: 61030 Annual Tonnage: 0	Issue Date: 04/01/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	134m N	Site Name: Upper Station Road Site Address: 54, Upper Station Road, Batley, West Yorkshire, WF17 5TA Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 634144 EPR reference: EA/EPR/TP3095ZD Operator: R. Spivey And Son Limited Waste Management licence No: 61030 Annual Tonnage: 4999	Issue Date: 04/01/1994 Effective Date: 04/01/1994 Modified: 04/01/1994 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	273m S	Site Name: Batley Car Spares Site Address: Union Mills, Rouse Mill Lane, Union Mills, Batley, West Yorkshire, WF17 5QB Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 659927 EPR reference: EA/EPR/KP3195ZZ Operator: Alan Finnemore Waste Management licence No: 61027 Annual Tonnage: 4999	Issue Date: 18/03/1992 Effective Date: 18/03/1992 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Surrendered

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.

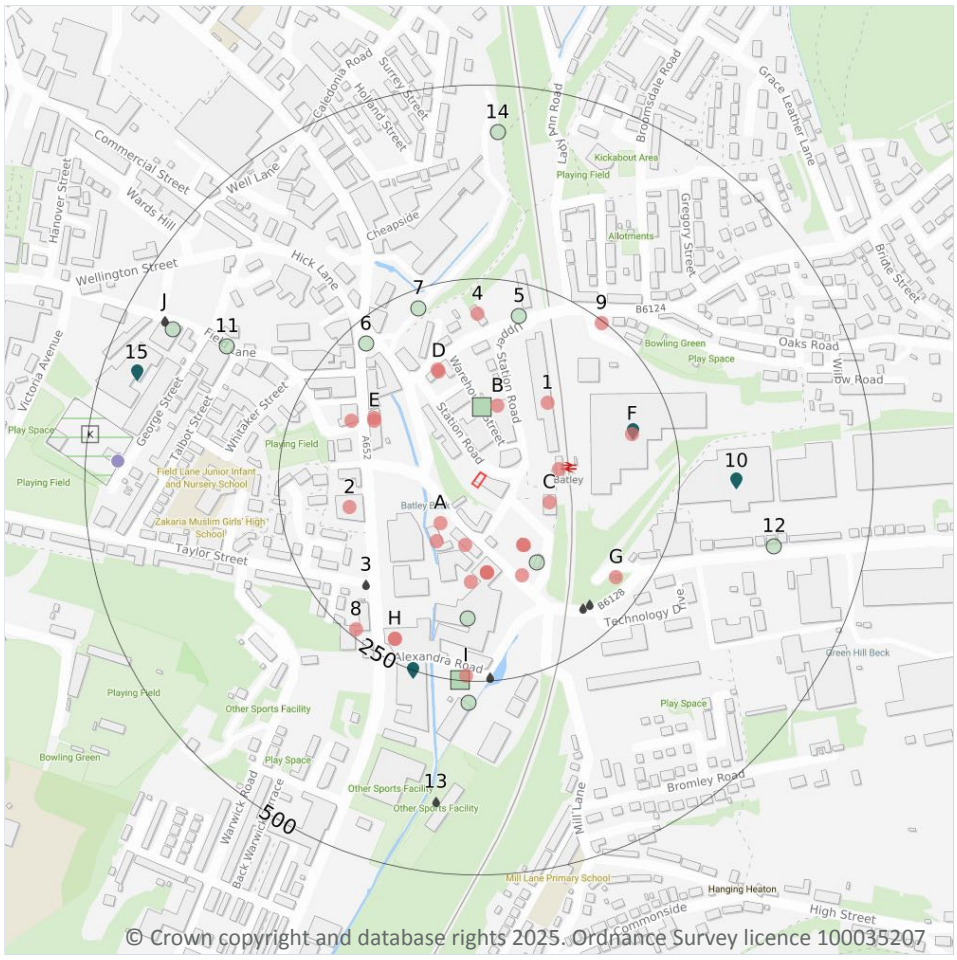
Features are displayed on the Waste and landfill map on **page 59 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	41m NE	-	WEX435240	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	157m N	3-5, Oxford Terrace, Off Soothill Lane, Batley, Wf17 5st	WEX118757	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	162m NW	3-5, Oxford Terrace, Off Soothill Lane, Batley, Wf17 5st	WEX259856	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	170m NW	3-5, Oxford Terrace, Batley, Wf17 5sr	WEX162639	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	170m NW	3-5, Oxford Terrace, Batley, Wf17 5sr	WEX297188	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	181m N	3/5 Oxford Terrace Off Soothill Lane Batley West Yorkshire Wf17 5st	EPR/XE5144HU/A001	Treating waste exemption	Non-agricultural waste only	Sorting and de-naturing of controlled drugs for disposal
B	187m N	3-5, Oxford Terrace, Batley, Wf17 5sr	WEX428322	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	303m NW	Hickwell Mills, Unit 1, Hick Lane, Batley, Wf17 5td	WEX239659	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	303m NW	Hickwell Mills, Unit 1, Hick Lane, Batley, Wf17 5td	WEX239659	Using waste exemption	Not on a farm	Use of waste for a specified purpose
D	303m NW	Hickwell Mills, Unit 1, Hick Lane, Batley, Wf17 5td	WEX239659	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
D	303m NW	Hickwell Mills, Unit 1, Hick Lane, Batley, Wf17 5td	WEX239659	Treating waste exemption	Not on a farm	Recovery of textiles
D	303m NW	Hickwell Mills, Unit 1, Hick Lane, Batley, Wf17 5td	WEX255796	Treating waste exemption	Not on a farm	Manual treatment of waste
D	303m NW	32, Grange Road, Staincliffe, Batley, Wf17 7at	WEX096907	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	303m NW	32, Grange Road, Staincliffe, Batley, Wf17 7at	WEX096907	Using waste exemption	Not on a farm	Use of waste for a specified purpose
D	303m NW	32, Grange Road, Staincliffe, Batley, Wf17 7at	WEX096907	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste

ID	Location	Site	Reference	Category	Sub-Category	Description
D	303m NW	32, Grange Road, Staincliffe, Batley, Wf17 7at	WEX096907	Treating waste exemption	Not on a farm	Recovery of textiles
4	336m SE	Greenhill Mills Grange Road Batley West Yorkshire Wf17 6lh	EPR/QF0507KK/A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
E	410m NW	Unit 422j, Bradford Road, Batley, Wf17 5ls	WEX015871	Treating waste exemption	Not on a farm	Sorting mixed waste
E	410m NW	422, Bradford Road, Dewsbury, Wf17 5ls	WEX062064	Treating waste exemption	Not on a farm	Manual treatment of waste
E	410m NW	Unit 422j, Bradford Road, Batley, Wf17 5ls	WEX015871	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	410m NW	Unit 422j, Bradford Road, Batley, Wf17 5ls	WEX015871	Treating waste exemption	Not on a farm	Recovery of textiles
E	410m NW	Unit 422j, Bradford Road, Batley, Wf17 5ls	WEX015871	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	466m W	Unit 11 & 14, New Ing Mills, Field Lane, Batley, Wf17 5ae	WEX115643	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	466m W	Unit 11 & 14, New Ing Mills, Field Lane, Batley, Wf17 5ae	WEX115643	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
F	466m W	Unit 11 & 14, New Ing Mills, Field Lane, Batley, Wf17 5ae	WEX115643	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	466m W	Unit 14 New Ing Mill Field Lane Dewsbury Yorkshire Wf17 5ae	EPR/BF0504FX/A001	Treating waste exemption	Non-agricultural waste only	Manual treatment of waste
F	468m W	New Ings Mill Field Lane Batley West Yorkshire Wf17 5ae	EPR/RF0007PM/A001	Treating waste exemption	Non-agricultural waste only	Manual treatment of waste

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

4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m	28

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 66 >**

ID	Location	Company	Address	Activity	Category
A	66m SW	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
A	75m S	Auto Works	Unit 4 Bottoms Mill, Rouse Mill Lane, Batley, West Yorkshire, WF17 5QB	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	88m SW	My New Furniture	Unit 13 Bottoms Mill, Rouse Mill Lane, Batley, West Yorkshire, WF17 5QB	Beds and Bedding	Consumer Products

ID	Location	Company	Address	Activity	Category
C	89m SE	Binks Brothers	Back Station Road, Batley, West Yorkshire, WF17 5SZ	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	89m N	Works	West Yorkshire, WF17	Unspecified Works Or Factories	Industrial Features
C	94m E	Batley Rail Station	West Yorkshire, WF17	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
A	95m SE	N.L. Van Truck & Car Hire	Alexandra Road, Batley, West Yorkshire, WF17 6JA	Vehicle Hire and Rental	Hire Services
A	95m SE	N L Commercials Ltd	15, Rouse Mill Lane, Batley, West Yorkshire, WF17 5QB	Vehicle Hire and Rental	Hire Services
A	110m S	Rely Furnitures	Unit 5 Providence Works, Rouse Mill Lane, Batley, West Yorkshire, WF17 5QB	Furniture	Consumer Products
A	110m S	Heart My Bedss	Unit 3 Providence Works, Rouse Mill Lane, Batley, West Yorkshire, WF17 5QB	Beds and Bedding	Consumer Products
A	110m S	One Stop M O T Station	Unit 5 Providence Works, Rouse Mill Lane, Batley, West Yorkshire, WF17 5QB	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	122m S	Works	West Yorkshire, WF17	Unspecified Works Or Factories	Industrial Features
1	123m NE	Angloco	Station Road, Batley, West Yorkshire, WF17 5TA	Vehicles	Industrial Products
A	127m SE	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
D	141m N	P & J Distribution Ltd	25, Station Road, Batley, West Yorkshire, WF17 5SU	Fences, Gates and Railings	Industrial Products
D	144m N	Works	West Yorkshire, WF17	Unspecified Works Or Factories	Industrial Features
E	150m NW	Factory	West Yorkshire, WF17	Unspecified Works Or Factories	Industrial Features
E	152m NW	Hudson & Taylor	Beckside Court 286, Bradford Road, Batley, West Yorkshire, WF17 5PW	Beds and Bedding	Consumer Products
2	161m W	Alex Tyres Ltd	351, Bradford Road, Batley, West Yorkshire, WF17 5PQ	Vehicle Parts and Accessories	Motoring
E	175m NW	Field Signs	1, Field Lane, Batley, West Yorkshire, WF17 5PN	Signs	Industrial Products

ID	Location	Company	Address	Activity	Category
F	196m E	Global Parcel Express Ltd	Unit 1a Ground Floor Lhs Rear, Soothill Business Park, Soothill Lane, Soothill, Batley, West Yorkshire, WF17	Distribution and Haulage	Transport, Storage and Delivery
4	205m N	E C Garage	Station Yard, Soothill Lane, Batley, West Yorkshire, WF17 5SS	Vehicle Repair, Testing and Servicing	Repair and Servicing
G	213m SE	Gas Governor Station	West Yorkshire, WF17	Gas Features	Infrastructure and Facilities
H	223m SW	Alexandra Beds Ltd	Brooklands Cafe Bar Alexandra Mills, Alexandra Road, Batley, West Yorkshire, WF17 6JA	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
H	223m SW	Dreembeds	Brooklands Cafe Bar Alexandra Mills, Alexandra Road, Batley, West Yorkshire, WF17 6JA	Beds and Bedding	Consumer Products
8	241m SW	Frank Key Tool Hire	Knottingley Mills, Fox Street, Batley, West Yorkshire, WF17 5QA	Construction and Tool Hire	Hire Services
I	243m S	Electricity Sub Station	West Yorkshire, WF17	Electrical Features	Infrastructure and Facilities
9	247m NE	Electricity Sub Station	West Yorkshire, WF17	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	0

Current or recent tanks identified from the Ordnance Survey NGD.

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 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.5 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.6 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.

4.7 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 66 >**

ID	Location	Company	Address	Operational status	Tier
K	441m W	Viking Polymers	Viking Polymers, 2 George Street, Bateley, WF17 5AU	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.8 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.

4.9 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.

4.10 Historical licensed industrial activities (IPC)

Records within 500m	7

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.

Features are displayed on the Current industrial land use map on **page 66 >**

ID	Location	Details	
K	458m W	Operator: Synthomer Ltd Address: 2 George Street, Batley, West Yorkshire, WF17 5AU Process: Manufacture And Use Of Organic Chemicals Permit Number: AK0863	Original Permit Number: IPCAIRAPP Date Approved: 14-12-1993 Effective Date: 14-12-1993 Status: Superseded By Variation
K	458m W	Operator: Synthomer Ltd Address: 2 George Street, Batley, West Yorkshire, WF17 5AU Process: Manufacture And Use Of Organic Chemicals Permit Number: AX6435	Original Permit Number: IPCMINVAR Date Approved: 7-1-1997 Effective Date: 20-1-1997 Status: Superseded By Variation
K	458m W	Operator: Synthomer Ltd Address: 2 George Street, Batley, West Yorkshire, WF17 5AU Process: Manufacture And Use Of Organic Chemicals Permit Number: AY1765	Original Permit Number: IPCMINVAR Date Approved: 28-2-1997 Effective Date: 1-3-1997 Status: Superseded By Variation
K	458m W	Operator: Synthomer Ltd Address: 2 George Street, Batley, West Yorkshire, WF17 5AU Process: Manufacture And Use Of Organic Chemicals Permit Number: BD8860	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
K	458m W	Operator: Synthomer Ltd Address: 2 George Street, Batley, West Yorkshire, WF17 5AU Process: Manufacture And Use Of Organic Chemicals Permit Number: BG3112	Original Permit Number: IPCMINVAR Date Approved: 6-8-1999 Effective Date: 9-8-1999 Status: Superseded By Variation

ID	Location	Details	
K	458m W	Operator: Synthomer Ltd Address: 2 George Street, Batley, West Yorkshire, WF17 5AU Process: Manufacture And Use Of Organic Chemicals Permit Number: BK8044	Original Permit Number: IPCMINVAR Date Approved: 30-3-2001 Effective Date: 30-3-2001 Status: Superseded By Variation
K	458m W	Operator: Synthomer Ltd Address: 2 George Street, Batley, West Yorkshire, WF17 5AU Process: Manufacture And Use Of Organic Chemicals Permit Number: BR9278	Original Permit Number: IPCMINVAR Date Approved: 22-4-2002 Effective Date: 29-4-2002 Status: Revoked - Now Ippc

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

4.11 Licensed industrial activities (Part A(1))

Records within 500m **3**

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 66 >**

ID	Location	Details	
K	458m W	Operator: SYNTHOMER (UK) LIMITED Installation Name: George Street Chemicals Process: ORGANIC CHEMICALS; PLASTIC MATERIALS EG POLYMERS Permit Number: GP3233LF Original Permit Number: GP3233LF	EPR Reference: EPR/GP3233LF Issue Date: 07/02/2014 Effective Date: 07/02/2014 Last date noted as effective: 28/04/2025 Status: Surrendered
K	458m W	Operator: Synthomer Ltd Installation Name: George Street Chemicals Process: ORGANIC CHEMICALS; PLASTIC MATERIALS EG POLYMERS Permit Number: DP3839EB Original Permit Number: GP3233LF	EPR Reference: - Issue Date: - Effective Date: 07/02/2014 Last date noted as effective: 21/03/2023 Status: Surrender Effective
K	458m W	Operator: Synthomer Ltd Installation Name: George Street Chemicals Process: ORGANIC CHEMICALS; PLASTIC MATERIALS EG POLYMERS Permit Number: BP3234GL Original Permit Number: GP3233LF	EPR Reference: - Issue Date: 17/12/2008 Effective Date: 17/12/2008 Last date noted as effective: 21/03/2023 Status: Superceded

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

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

Records within 500m	4

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 66 >**

ID	Location	Address	Details	
F	197m E	Layezee Beds, Grange Rd, Batley, WF17 6LJ	Process: Timber Manufacture Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
H	251m S	Evans Halshaw (Ford), Bradford Road, Batley, WF17 6HT	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
10	323m E	Kelvin Reproduction Furniture Ltd, Grange Rd, Batley, WF17 6PB	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
15	456m W	G & K Enterprises, 9a New Ing Mills, Field Lane, Batley, WF17 5AE	Process: Pet Food Manufacture Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.13 Radioactive Substance Authorisations

Records within 500m	0

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.

4.14 Licensed Discharges to controlled waters

Records within 500m	8

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 66 >**

ID	Location	Address	Details	
3	190m SW	YWSUNKNOWNSITE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/B/34 Permit Version: 1 Receiving Water: RIVER CALDER	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 31/05/1963 Effective Date: 31/05/1963 Revocation Date: 10/06/1993
G	206m SE	BATLEYGRANGEROADCSO,GRANGEROAD(REAROFNO90,BATLEY,WESTYORKSHIRE,WF176LW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 2844 Permit Version: 2 Receiving Water: BATLEY BECK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 15/03/2005 Effective Date: 31/03/2005 Revocation Date: 30/03/2018
G	209m SE	BATLEYGRANGEROADCSO,GRANGEROAD(REAROFNO90,BATLEY,WESTYORKSHIRE,WF176LW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 2844 Permit Version: 3 Receiving Water: GREENHILL DIKE CULVERTED	Status: VARIED UNDER EPR 2010 Issue date: 12/03/2018 Effective Date: 31/03/2018 Revocation Date: -
I	246m S	ALEXANDRAROAD,BATLEY,NRDEWSBURY,WESTYORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8674 Permit Version: 1 Receiving Water: BATLEY BECK	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/03/2005 Effective Date: 01/04/2005 Revocation Date: 01/10/2009
I	246m S	ALEXANDRAROAD,BATLEY,NRDEWSBURY,WESTYORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WADC669 Permit Version: 1 Receiving Water: BATLEY BECK	Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 18/09/1989 Effective Date: 18/09/1989 Revocation Date: 31/03/2005
13	409m S	YWSUNKNOWNSITE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: S/B/34 Permit Version: 1 Receiving Water: RIVER CALDER	Status: TRANSFERRED FROM R(PP)A 1951-1961 Issue date: 31/05/1963 Effective Date: 31/05/1963 Revocation Date: 10/06/1993
J	449m NW	FIELDLANE,BATLEY,LEEDS,WESTYORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WADC923 Permit Version: 1 Receiving Water: BATLEY BECK	Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 18/09/1989 Effective Date: 18/09/1989 Revocation Date: 30/03/2005

ID	Location	Address	Details	
J	449m NW	FIELDLANE,BATLEY,LEEDS,WESTYORKSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: WRA8526 Permit Version: 1 Receiving Water: TRIBUTARY OF BATLEY BECK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 15/03/2005 Effective Date: 31/03/2005 Revocation Date: -

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

4.15 Pollutant release to surface waters (Red List)

Records within 500m	0

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.

4.16 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

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

4.17 List 1 Dangerous Substances

Records within 500m	0

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.

4.18 List 2 Dangerous Substances

Records within 500m	2

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.

Features are displayed on the Current industrial land use map on **page 66 >**

ID	Location	Name	Status	Receiving Water	Authorised Substances
B	85m N	R Spivey & Son Ltd, Station Road, Batley	Not Active	Unknown	Chromium, Copper, Lead, Zinc, Xylene
I	250m S	O'donnell And Stockwell Ltd,batley,wf17 6ja	Not Active	Unknown	Chromium

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

4.19 Pollution Incidents (EA/NRW)

Records within 500m	**10**

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 66 >**

ID	Location	Details	
A	123m SE	Incident Date: 04/10/2002 Incident Identification: 112485 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
A	169m S	Incident Date: 12/06/2003 Incident Identification: 165180 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
5	208m N	Incident Date: 16/04/2002 Incident Identification: 72262 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
6	222m NW	Incident Date: 22/07/2005 Incident Identification: 332006 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
7	226m N	Incident Date: 15/10/2002 Incident Identification: 114943 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
I	278m S	Incident Date: 12/06/2003 Incident Identification: 165150 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

ID	Location	Details	
11	363m NW	Incident Date: 23/11/2004 Incident Identification: 279000 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
12	383m E	Incident Date: 13/12/2001 Incident Identification: 48120 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
J	435m NW	Incident Date: 14/06/2004 Incident Identification: 244133 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
14	439m N	Incident Date: 19/06/2004 Incident Identification: 245599 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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

4.20 Pollution inventory substances

Records within 500m	0

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.

4.21 Pollution inventory waste transfers

Records within 500m	0

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.

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

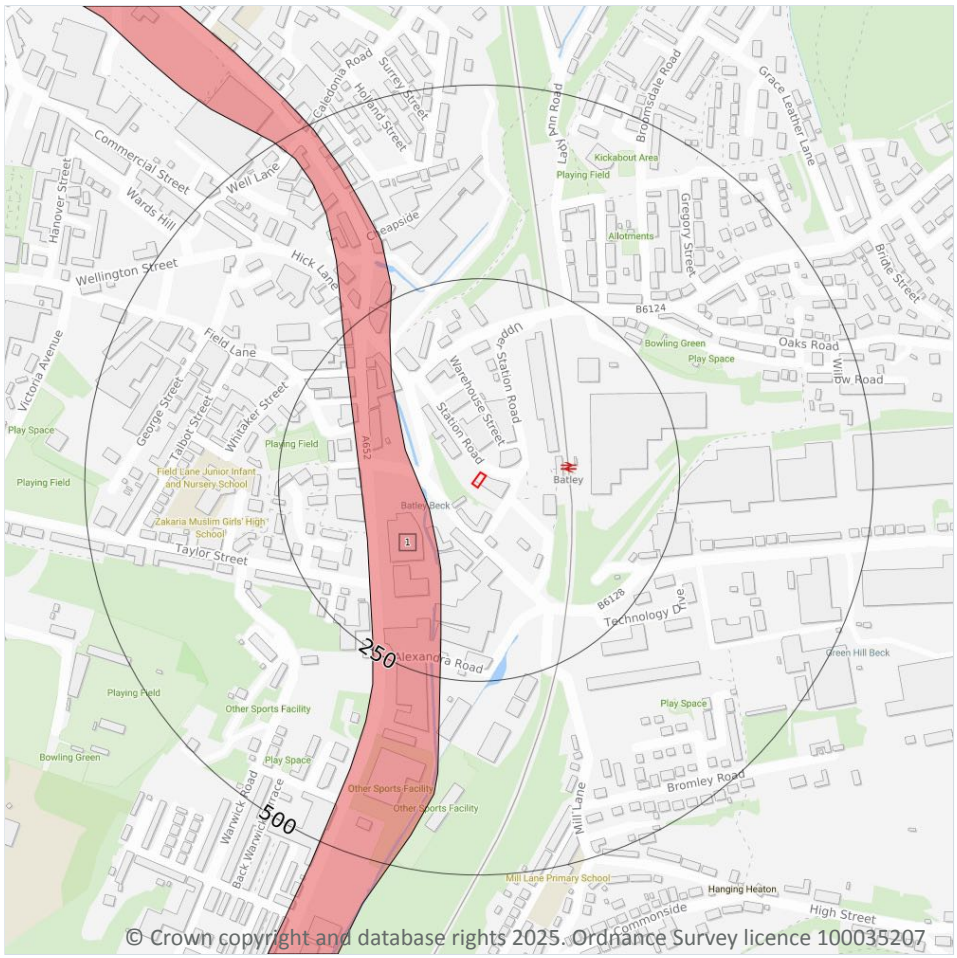
4.22 Pollution inventory radioactive waste

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



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5.1 Superficial aquifer

Records within 500m	1

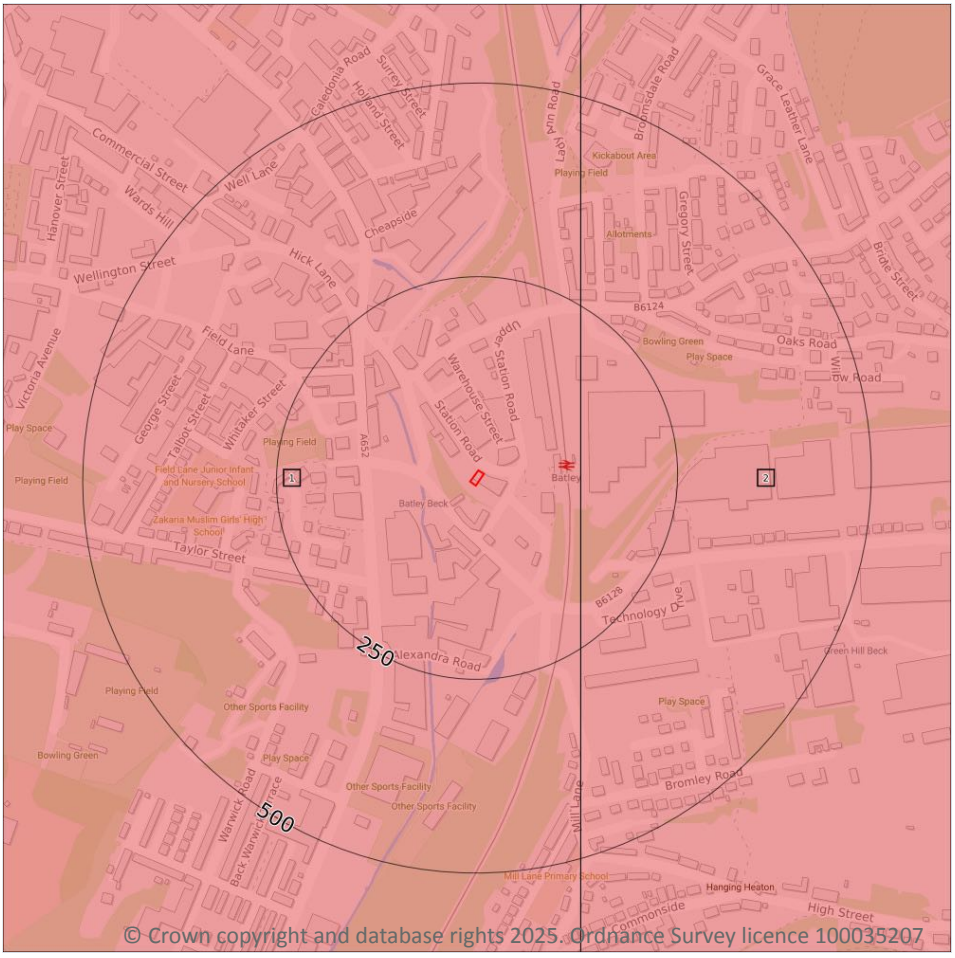
Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 78 >**

ID	Location	Designation	Description
1	64m W	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



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Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

5.2 Bedrock aquifer

Records within 500m	2

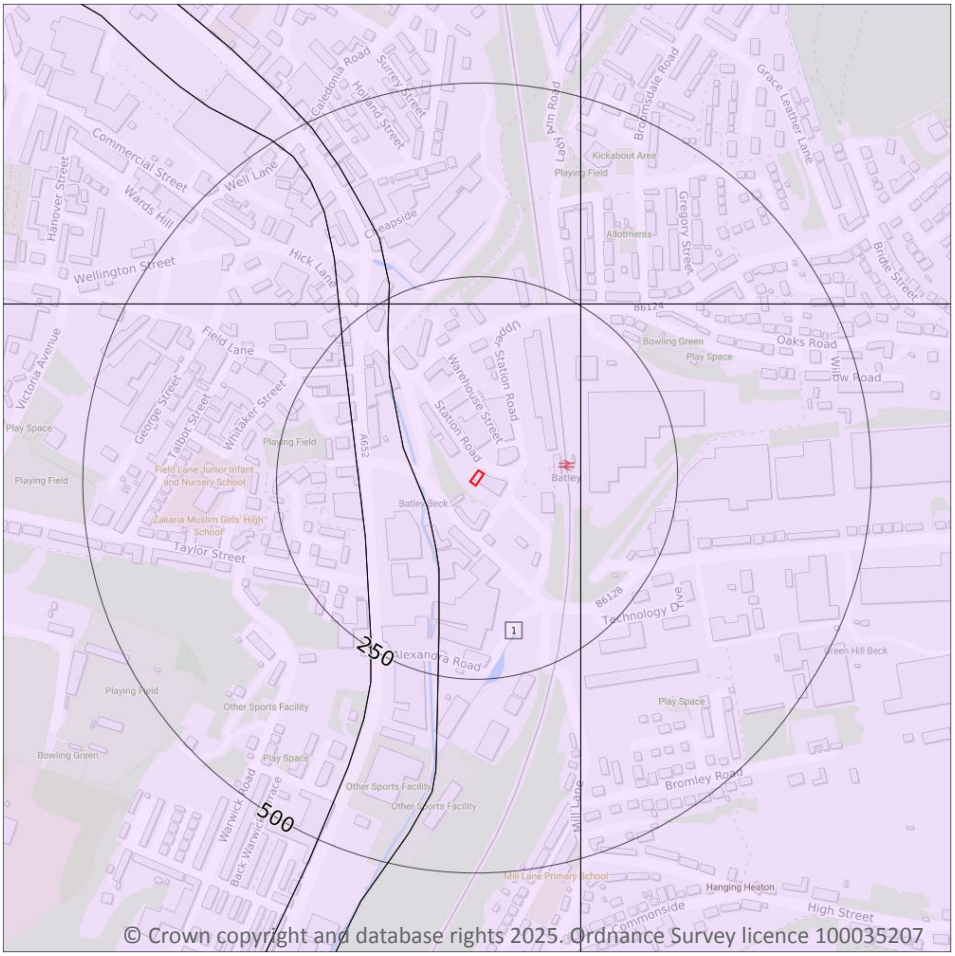
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 79 >**

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**
2	125m E	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



Site Outline

Search buffers in metres (m)

Superficial vulnerability

- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability

- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	1

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 81 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	**On site**	**Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Low Infiltration value: <40% Dilution value: 300-550mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: Medium 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.

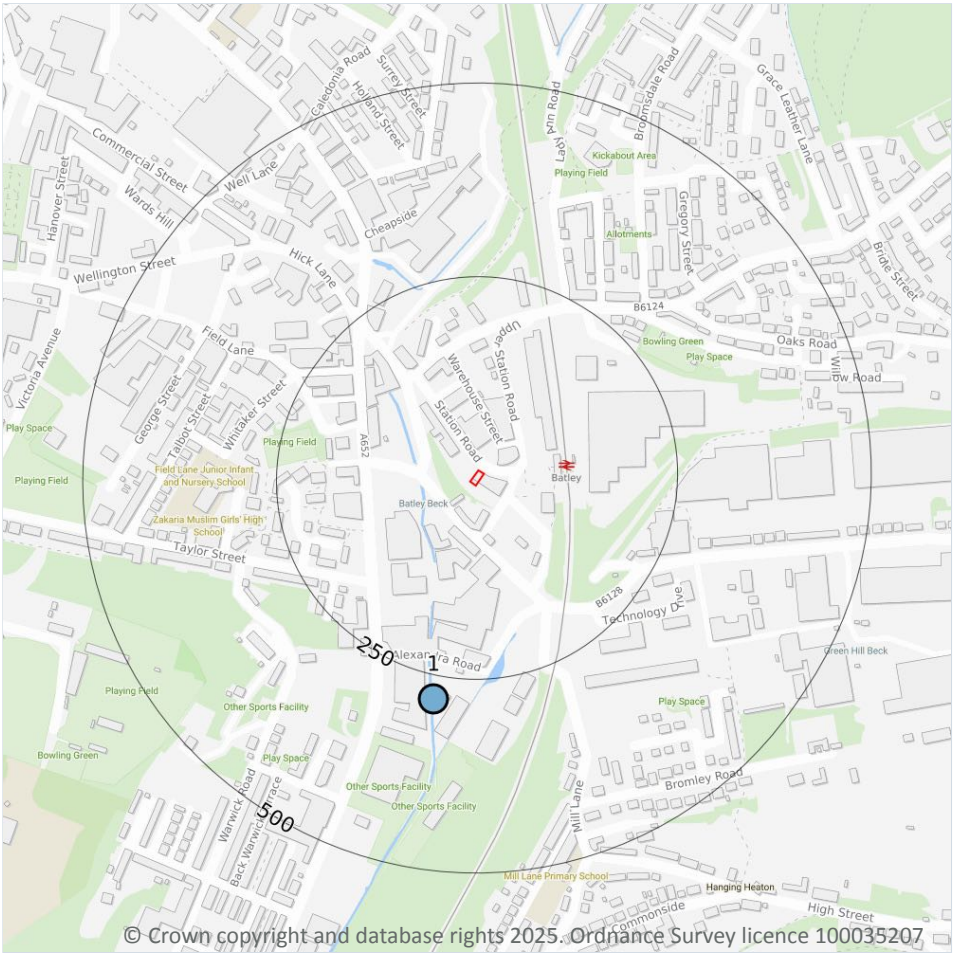
5.5 Groundwater vulnerability- local information

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
- 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	12

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 83 >**

ID	Location	Details	
-	651m E	Status: Historical Licence No: 2/27/13/143 Details: General use relating to Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WHARFEDALE FINANCE COMPANY Easting: 425500 Northing: 423600	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 27/09/1977 Expiry Date: - Issue No: 100 Version Start Date: 21/05/1990 Version End Date: -
-	651m E	Status: Historical Licence No: 2/27/13/143 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WHARFEDALE FINANCE COMPANY Easting: 425500 Northing: 423600	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 27/09/1977 Expiry Date: - Issue No: 100 Version Start Date: 21/05/1990 Version End Date: -
-	651m E	Status: Historical Licence No: 2/27/13/143 Details: General use relating to Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - BATLEY Data Type: Point Name: WHARFEDALE FINANCE COMPANY Easting: 425500 Northing: 423600	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 27/09/1977 Expiry Date: - Issue No: 100 Version Start Date: 21/05/1990 Version End Date: -
-	651m E	Status: Historical Licence No: 2/27/13/143 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - BATLEY Data Type: Point Name: WHARFEDALE FINANCE CO Easting: 425500 Northing: 423600	Annual Volume (m^3): 227000 Max Daily Volume (m^3): 621.92 Original Application No: - Original Start Date: 27/09/1977 Expiry Date: - Issue No: 100 Version Start Date: 21/05/1990 Version End Date: -

ID	Location	Details	
-	1295m SW	Status: Historical Licence No: 2/27/13/046 Details: General use relating to Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	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: 22/10/1997 Version End Date: -
-	1295m SW	Status: Historical Licence No: 2/27/13/046 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	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: 22/10/1997 Version End Date: -
-	1295m SW	Status: Historical Licence No: 2/27/13/046 Details: Process water Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	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: 22/10/1997 Version End Date: -
-	1295m SW	Status: Historical Licence No: 2/27/13/046 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - DEWSBURY Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	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: 22/10/1997 Version End Date: -

ID	Location	Details	
-	1295m SW	Status: Historical Licence No: 2/27/13/046 Details: General use relating to Secondary Category (High Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - DEWSBURY Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	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: 22/10/1997 Version End Date: -
-	1295m SW	Status: Historical Licence No: 2/27/13/046 Details: Process water Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - DEWSBURY Data Type: Point Name: JOSHUA ELLIS & COMPANY LIMITED Easting: 424300 Northing: 422600	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: 22/10/1997 Version End Date: -
-	1828m N	Status: Active Licence No: 2/27/13/004 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - COAL MEASURES - MORLEY Data Type: Point Name: HOWLEY HALL GOLF CLUB LTD Easting: 425500 Northing: 425500	Annual Volume (m^3): 6364 Max Daily Volume (m^3): 63.64 Original Application No: 244 Original Start Date: 01/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1965 Version End Date: -
-	1828m N	Status: Historical Licence No: 2/27/13/004 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: HOWLEY HALL GOLF CLUB LTD Easting: 425500 Northing: 425500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 01/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/12/1965 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	**1**

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 83 >**

ID	Location	Details	
1	281m S	Status: Historical Licence No: 2/27/13/206 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: BATLEY BECK Data Type: Point Name: CULLINGWORTH SUMMERS & CO LTD Easting: 424810 Northing: 423490	Annual Volume (m^3): 11500 Max Daily Volume (m^3): 60 Original Application No: - Original Start Date: 21/08/2001 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 23/05/2005 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	**0**

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.

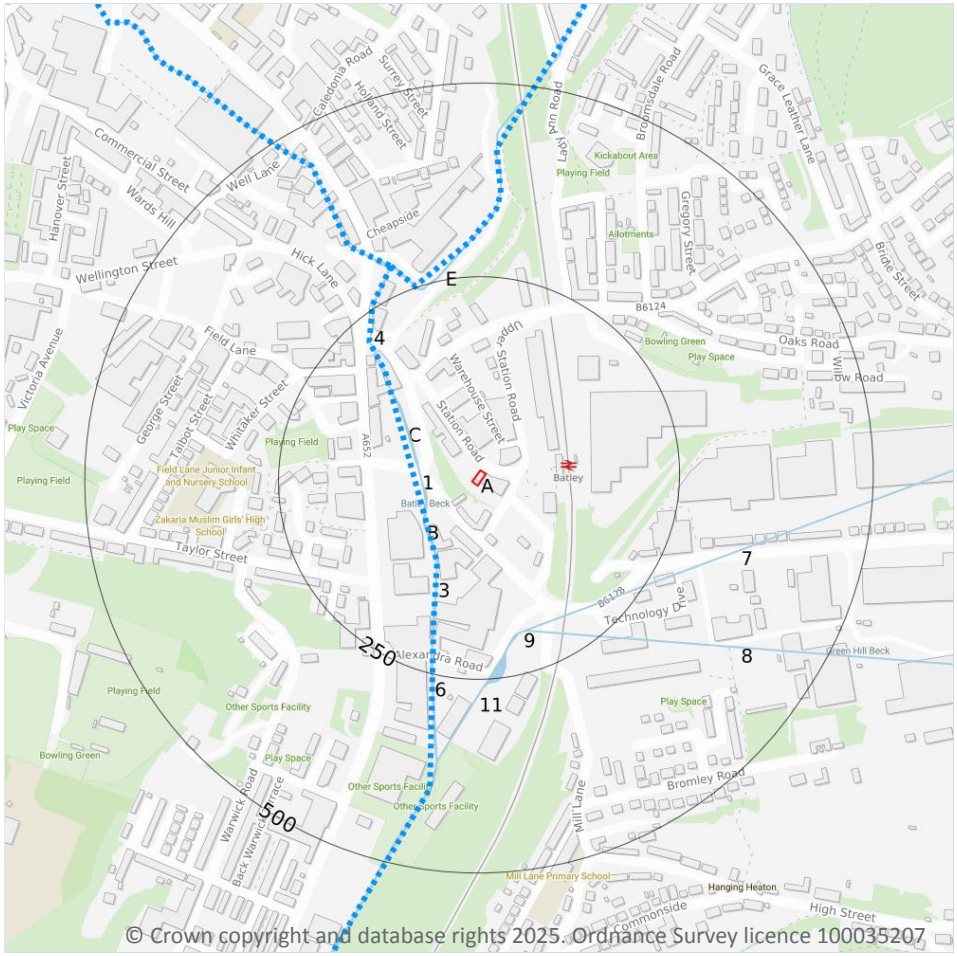
5.10 Source Protection Zones (confined aquifer)

Records within 500m	**0**

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



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6.1 Water Network (OS MasterMap)

Records within 250m	11

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 88 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
B	63m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Batley Beck

ID	Location	Type of water feature	Ground level	Permanence	Name
1	64m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Batley Beck
C	74m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Batley Beck
3	112m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Batley Beck
4	155m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Batley Beck
6	159m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Batley Beck
7	197m S	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
8	197m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Green Hill Beck
9	197m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Green Hill Beck
11	198m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Green Hill Beck
E	246m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Howley Beck

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	**6**

Covering rivers, streams and lakes (some overlap with OS MasterMap 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 88 >**

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 88 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	**On site**	**River**	**Batley Beck from Source to River Calder**	**GB104027062670**	**Calder Lower**	**Aire and Calder**

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 88 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	71m W	River	Batley Beck from Source to River Calder	GB104027062670 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site	1

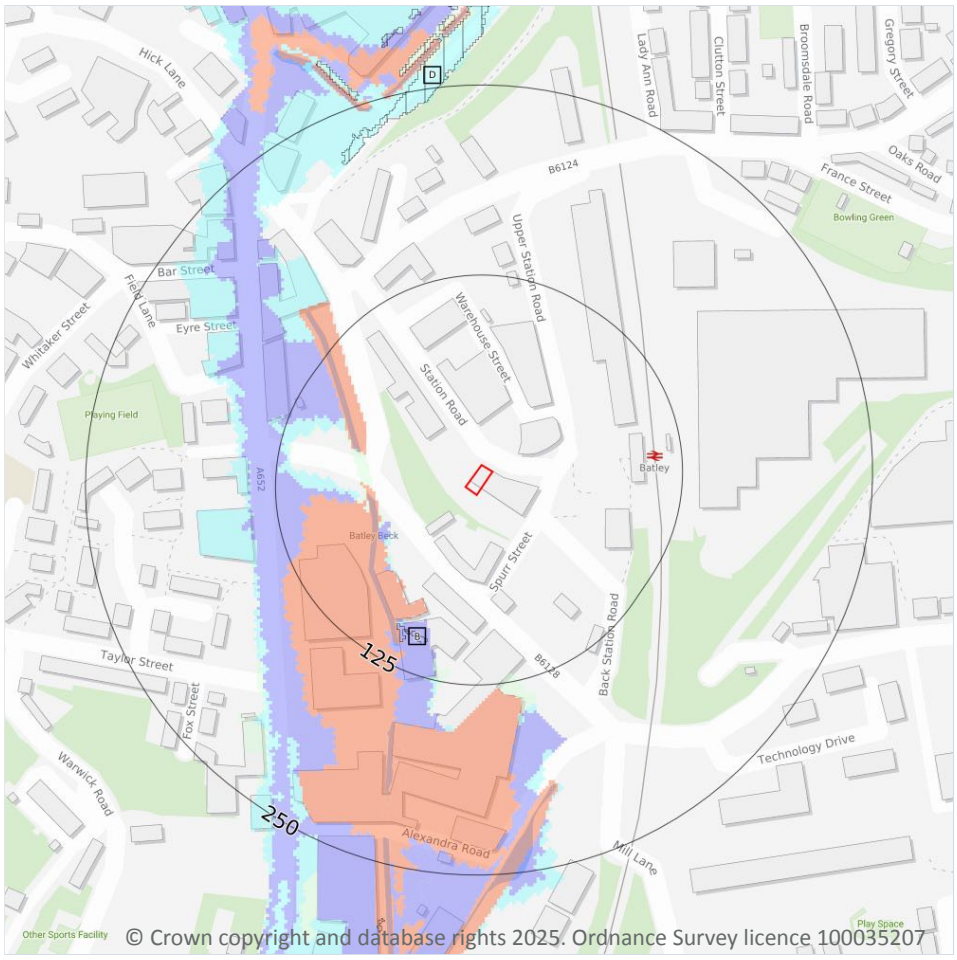
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 88 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	**On site**	**Aire & Calder Carb Limestone / Millstone Grit / Coal Measures.**	**GB40402G700400** ↗	**Poor**	**Poor**	**Good**	**2019**

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

7 River and coastal flooding



Site Outline

Search buffers in metres (m)

River and coastal flooding:

- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

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 Areas Benefiting from Flood Defences

Records within 250m	3

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 92 >**

ID	Location	
B	98m SW	Area benefiting from flood defences
B	99m SW	Area benefiting from flood defences
D	217m NW	Area benefiting from flood defences

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

7.5 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

7.6 Flood Zone 2

Records within 50m	0

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.

7.7 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	**Negligible**

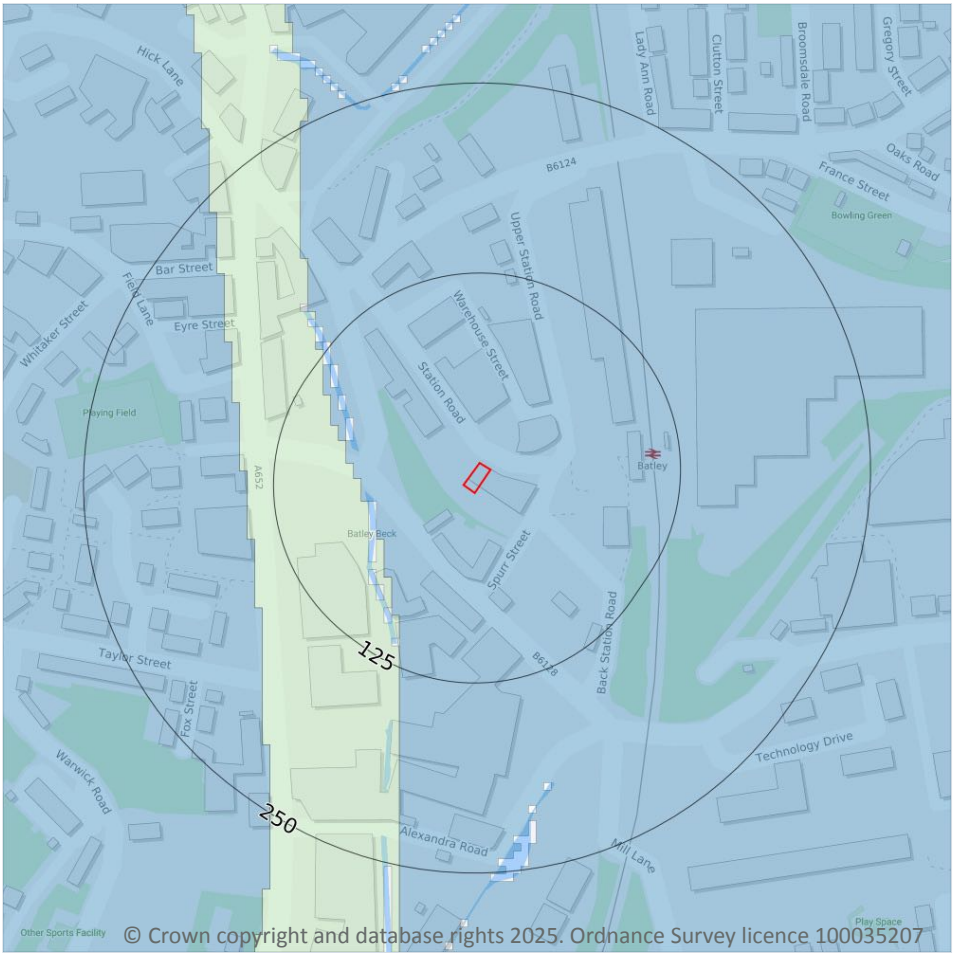
Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year 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.

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 Ambiental Risk Analytics.

9 Groundwater flooding



Site Outline

Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

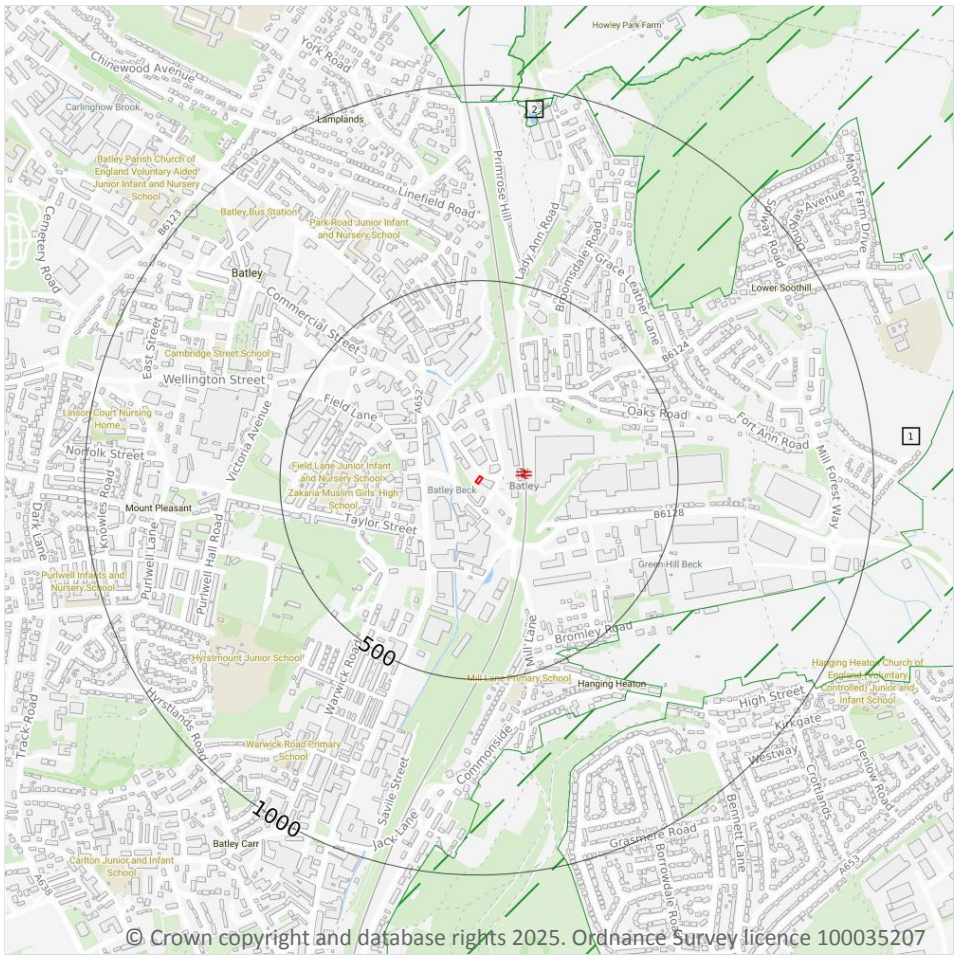
Highest risk on site	**Negligible**
Highest risk within 50m	**Negligible**

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 97 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



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Site Outline

Search buffers in metres (m)

Designated Ancient Woodland

Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	0

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.

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	0

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.

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

10.7 Designated Ancient Woodland

Records within 2000m	2

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 98 >**

ID	Location	Name	Woodland Type
-	1875m N	Morley Spring Wood	Ancient Replanted Woodland
-	1878m E	Soothill Wood	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	4

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

Features are displayed on the Environmental designations map on **page 98 >**

ID	Location	Name	Local Authority name
1	477m SE	South and West Yorkshire Green Belt	Kirklees
2	902m N	South and West Yorkshire Green Belt	Kirklees
3	956m N	South and West Yorkshire Green Belt	Kirklees
4	963m N	South and West Yorkshire Green Belt	Leeds

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

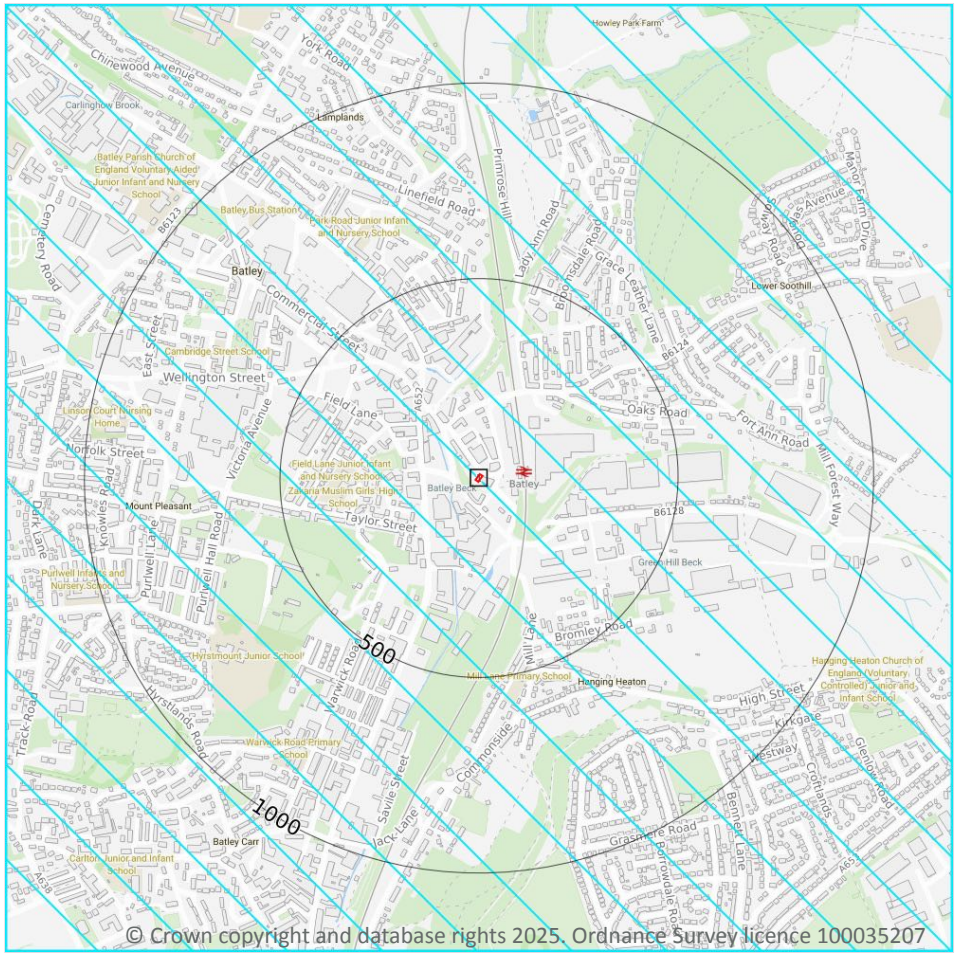
Records within 2000m	1

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
1857m W	Spen Beck from Source to River Calder NVZ	Surface Water	271	Existing

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

SSSI Impact Zones and Units



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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 103 >**

ID	Location	Type of developments requiring consultation
1	**On site**	**https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0000000630000&notes=&location=424739,422878%20(IRZ%20polygon%20centre)**

This data is sourced from Natural England.

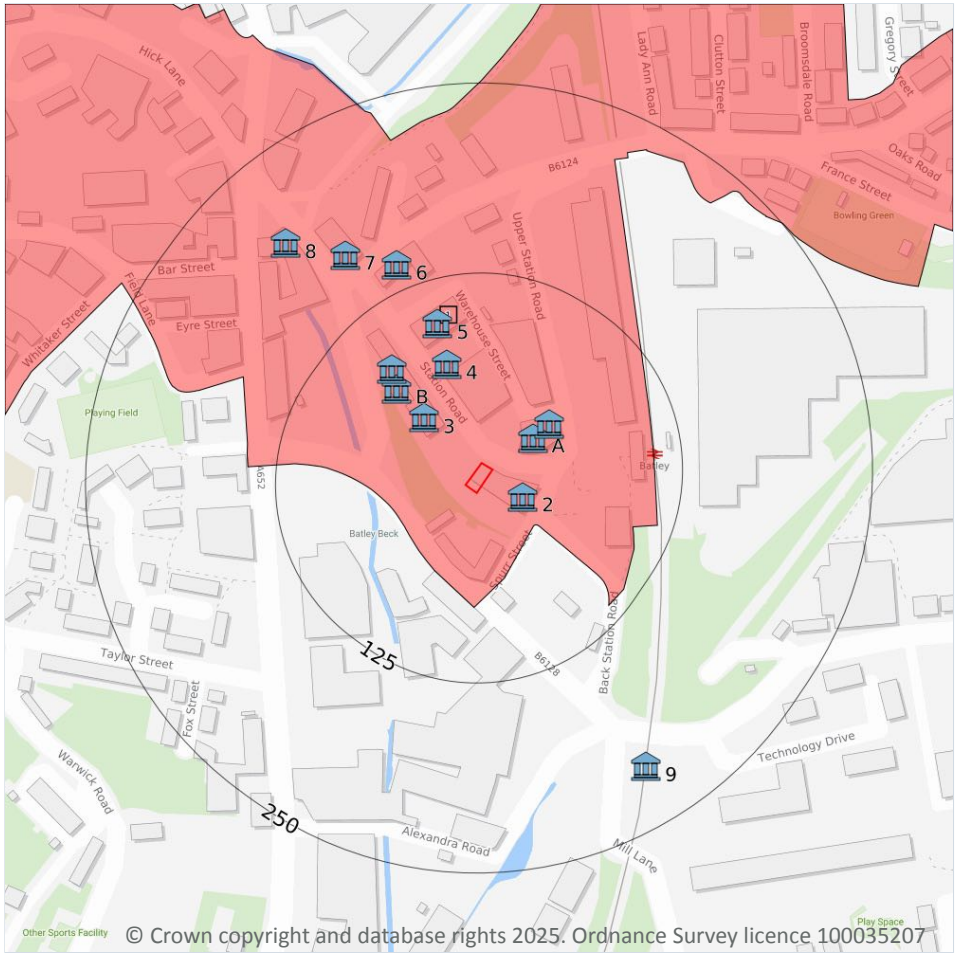
10.18 SSSI Units

Records within 2000m	0

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.

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

11 Visual and cultural designations



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Site Outline

Search buffers in metres (m)

- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

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	12

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.

Features are displayed on the Visual and cultural designations map on **page 105 >**

ID	Location	Name	Grade	Reference Number	Listed date
2	27m SE	32-40, Station Road	II	1300286	23/04/1982
A	34m NE	The Xclusiv, Adjoining Number 51	II	1134617	13/01/1984
A	48m NE	51, Station Road	II	1134616	13/01/1984
3	48m NW	24 And 26, Station Road	II	1134619	17/04/1978
4	69m N	35 And 37, Station Road	II	1300308	13/01/1984
B	74m NW	20 And 22, Station Road	II	1184116	17/04/1978

ID	Location	Name	Grade	Reference Number	Listed date
B	85m NW	16 And 18, Station Road	II	1134618	17/04/1978
5	96m N	Numbers 31 And 33 And Adjoining Warehouse	II	1134615	13/01/1984
6	142m NW	Number 25 And The Two Adjoining Warehouses	II	1184080	13/01/1984
7	164m NW	Numbers 13, 15, 17, 19, 21 And 23 And Including Boundary Wall, Piers, Steps And Railings	II	1134614	13/01/1984
8	194m NW	2, 4, 6 And 8, Station Road	II	1184110	13/01/1984
9	211m SE	Railway Viaduct	II	1134650	13/01/1984

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

11.5 Conservation Areas

Records within 250m	**1**

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.

Features are displayed on the Visual and cultural designations map on **page 105 >**

ID	Location	Name	District	Date of designation
1	**On site**	**Station Road**	**Kirklees**	**27/02/1987**

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.

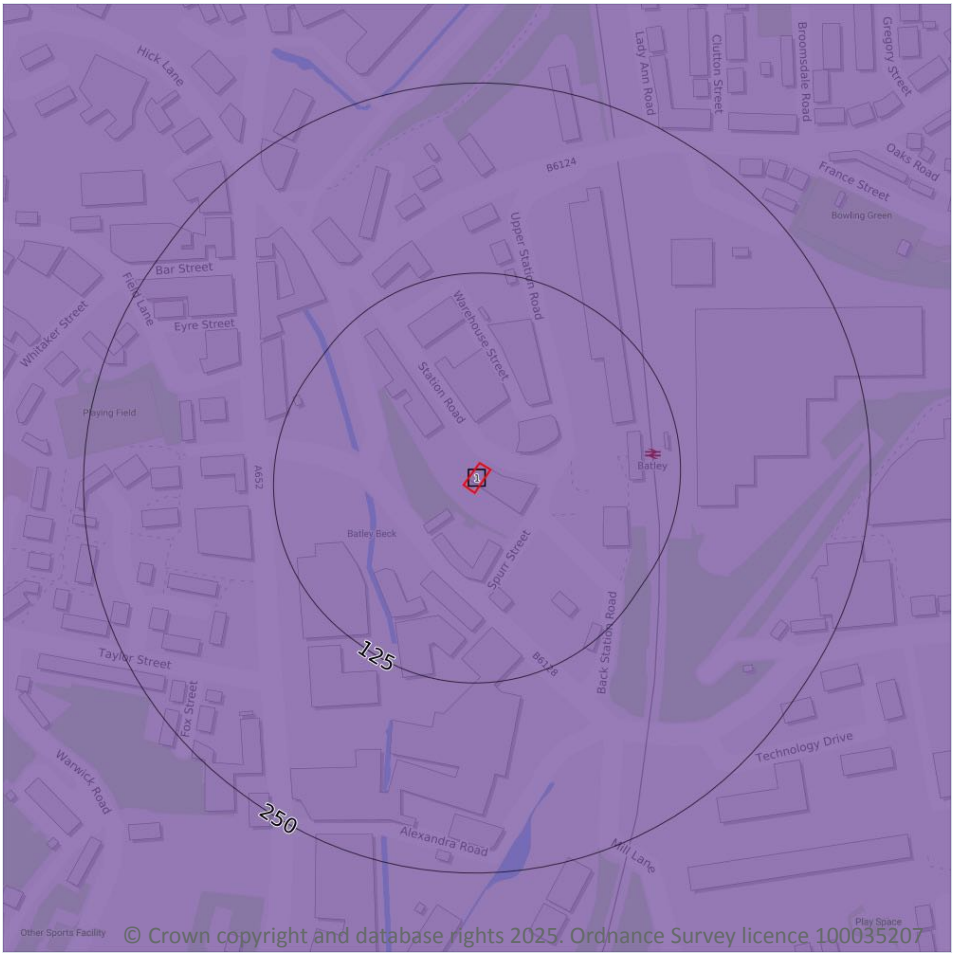
11.7 Registered Parks and Gardens

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 109 >**

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.

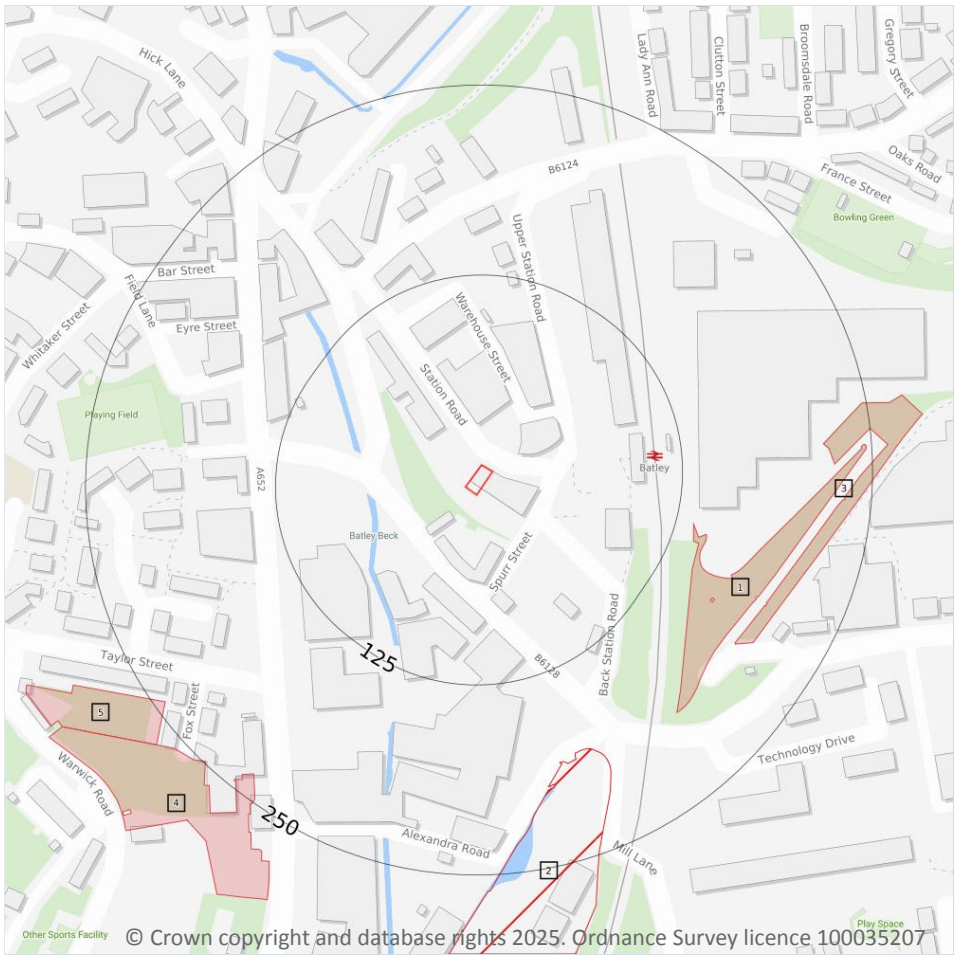
12.5 Countryside Stewardship Schemes

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	4

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 111 >**

ID	Location	Main Habitat	Other habitats
1	137m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	195m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	235m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
5	243m SW	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	1

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.

Features are displayed on the Habitat designations map on **page 111 >**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
2	182m S	NLUD Ref: 471801039	Low	National Land Use Database - Previously Developed Land	UK Perspectives Aerial Photography	-

This data is sourced from Natural England.

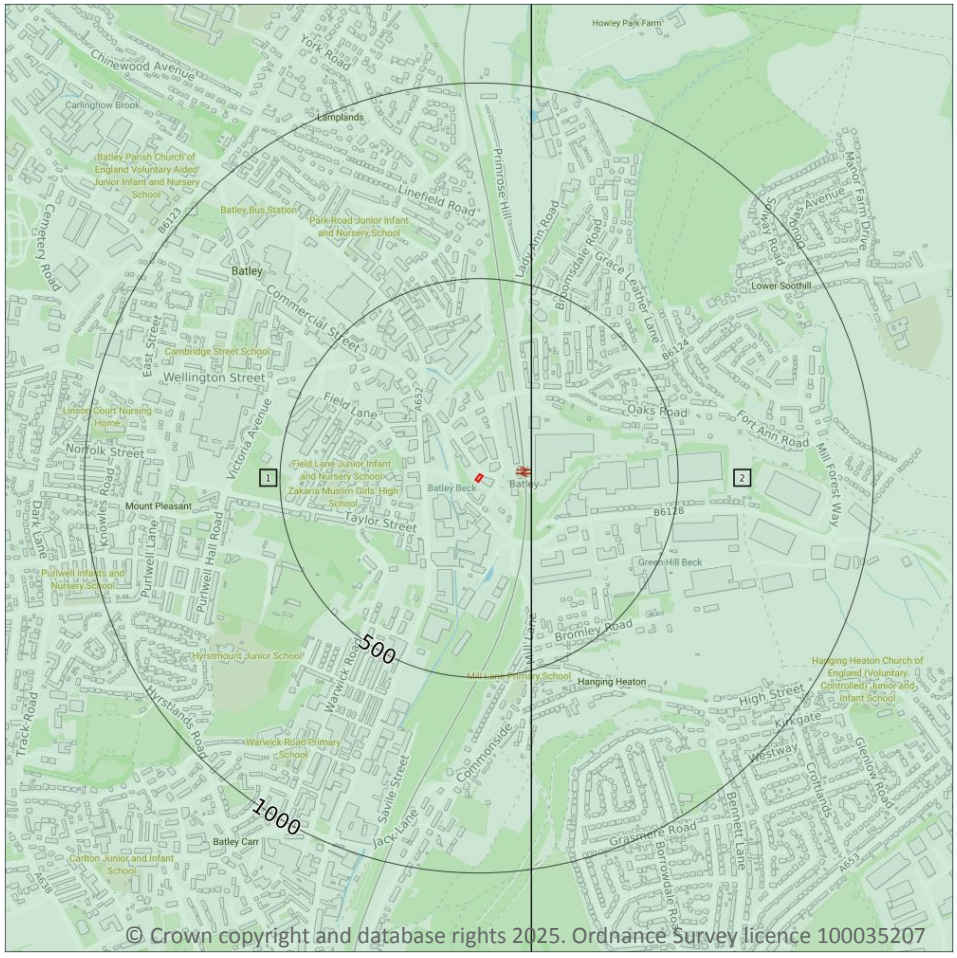
13.4 Limestone Pavement Orders

Records within 250m	0

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



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Site Outline

Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m	2

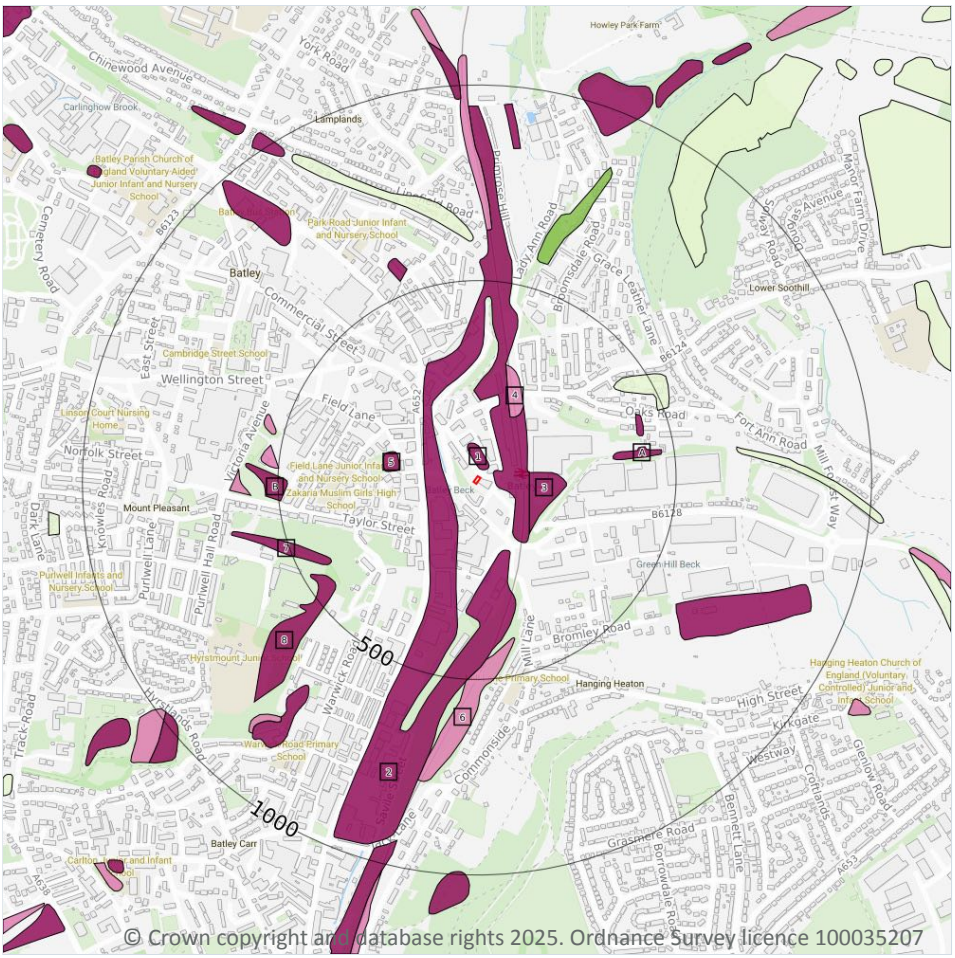
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 113 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**SE22SW**
2	125m E	Full	Full	Full	No coverage	SE22SE

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Artificial and made ground



Site Outline

Search buffers in metres (m)

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

14.2 Artificial and made ground (10k)

Records within 500m	13

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 114 >**

ID	Location	LEX Code	Description	Rock description
1	19m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	34m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	125m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	173m NE	WGR-VOID	Worked Ground (Undivided)	Void

ID	Location	LEX Code	Description	Rock description
5	193m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	343m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	405m S	WGR-VOID	Worked Ground (Undivided)	Void
A	412m NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
7	415m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	416m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
8	438m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	476m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
B	499m W	WGR-VOID	Worked Ground (Undivided)	Void

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



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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 116 >**

ID	Location	LEX Code	Description	Rock description
1	66m W	ALV-XCSV	Alluvium - Clay, Sand And Gravel	Clay, Sand And Gravel

This data is sourced from the British Geological Survey.

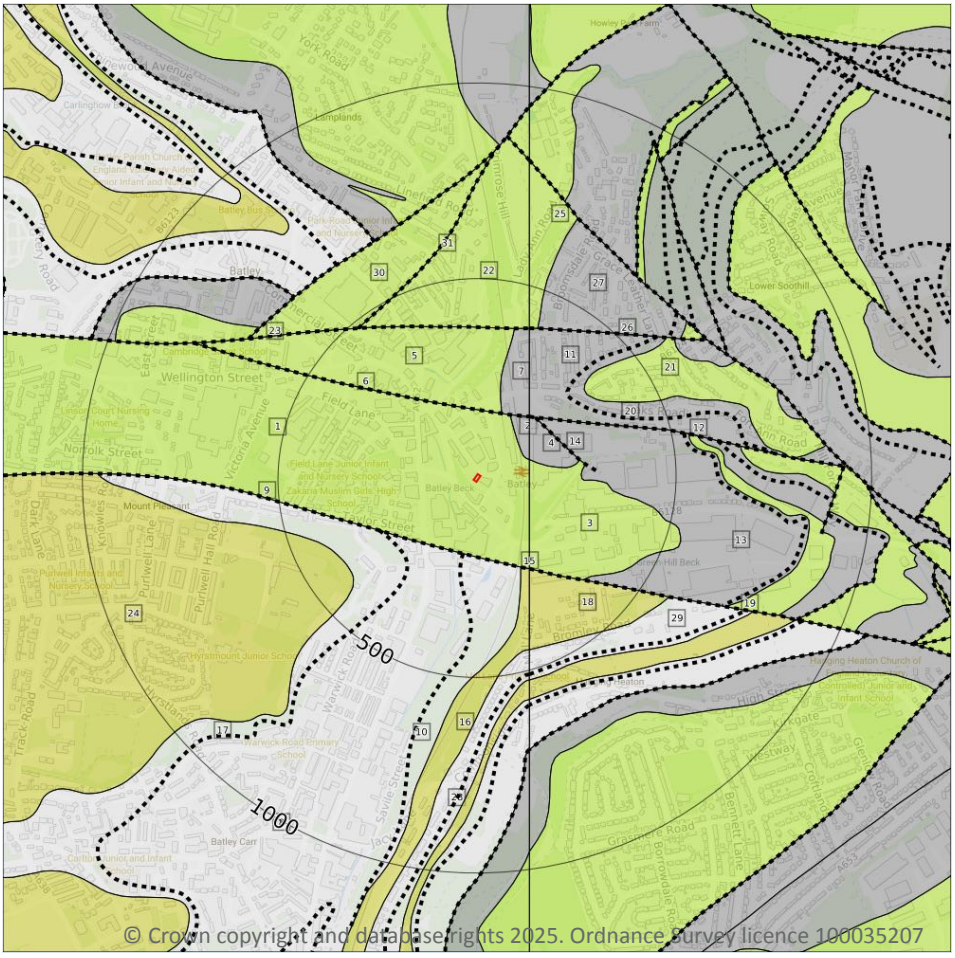
14.4 Landslip (10k)

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


500
1000
Wellington Street
Norfolk Street
Field Lane
Purlwell Lane
Track Road
Batley Carr
Batley Beck
Hill Beck
Lamplands
Howley Park Farm
Lower Soothill
Grange Road
Bennett Lane
Borrowdale Road
Kirkgate
Westway
Cranbrook Road
Victoria Avenue
Knowles Lane
Mount Pleasant
Warwick Road
Savile Street
Wren Road
Rose Hill
Bloomdale Grove
Gordon Road
Carlinghow Avenue
York Road
Carlinghow Lane
Batley Bank
Batley Grammar School
Batley Girls High School
Field Lane Junior Infant and Nursery School
Purlwell Infant and Nursery School
Purlwell Hall Road
Whitcliffe Mount Junior School
Track Road Primary School
Carlinghow Junior and Infant School
Batley Parish Church of St Mary the Virgin
Batley Bank Methodist Church
Batley Carr Methodist Church
Batley Bank Primary School
Batley Girls High School
Batley Grammar

ID	Location	LEX Code	Description	Rock age
4	132m E	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
5	163m N	TR-SDST	Thornhill Rock - Sandstone	Duckmantian Sub-age
7	167m N	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
8	186m S	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
11	197m NE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
13	205m NE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
16	246m SE	BRSR-SDST	Birstall Rock - Sandstone	Langsettian Sub-age
18	260m SE	BRSR-SDST	Birstall Rock - Sandstone	Langsettian Sub-age
21	342m NE	HMR-SDST	Haigh Moor Rock - Sandstone	Duckmantian Sub-age
22	376m N	TR-SDST	Thornhill Rock - Sandstone	Duckmantian Sub-age
24	390m SW	BRSR-SDST	Birstall Rock - Sandstone	Langsettian Sub-age
25	396m N	TR-SDST	Thornhill Rock - Sandstone	Duckmantian Sub-age
27	403m N	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
28	449m S	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
29	450m S	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
30	482m NW	TR-SDST	Thornhill Rock - Sandstone	Duckmantian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m	**12**

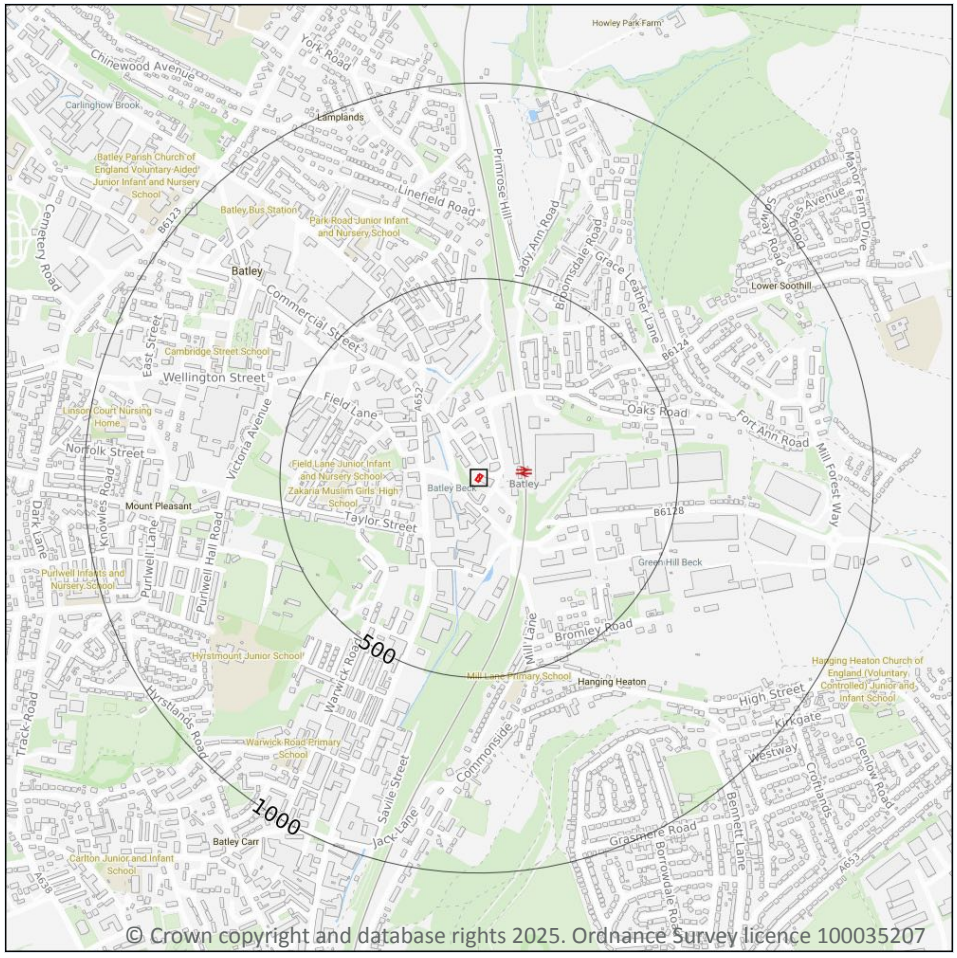
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 118 >**

ID	Location	Category	Description
6	163m N	FAULT	Normal fault, inferred; downthrow not specified
9	186m S	FAULT	Normal fault, inferred; downthrow not specified
10	187m S	ROCK	Coal seam, inferred
12	197m NE	FAULT	Normal fault, inferred
14	205m NE	FAULT	Normal fault, inferred
15	231m SE	FAULT	Normal fault, inferred; downthrow not specified
17	258m SW	ROCK	Coal seam, inferred
19	260m SE	FAULT	Normal fault, inferred
20	303m NE	ROCK	Coal seam, inferred
23	376m N	FAULT	Normal fault, inferred; downthrow not specified
26	396m N	FAULT	Normal fault, inferred
31	482m NW	FAULT	Normal fault, inferred; downthrow not specified

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

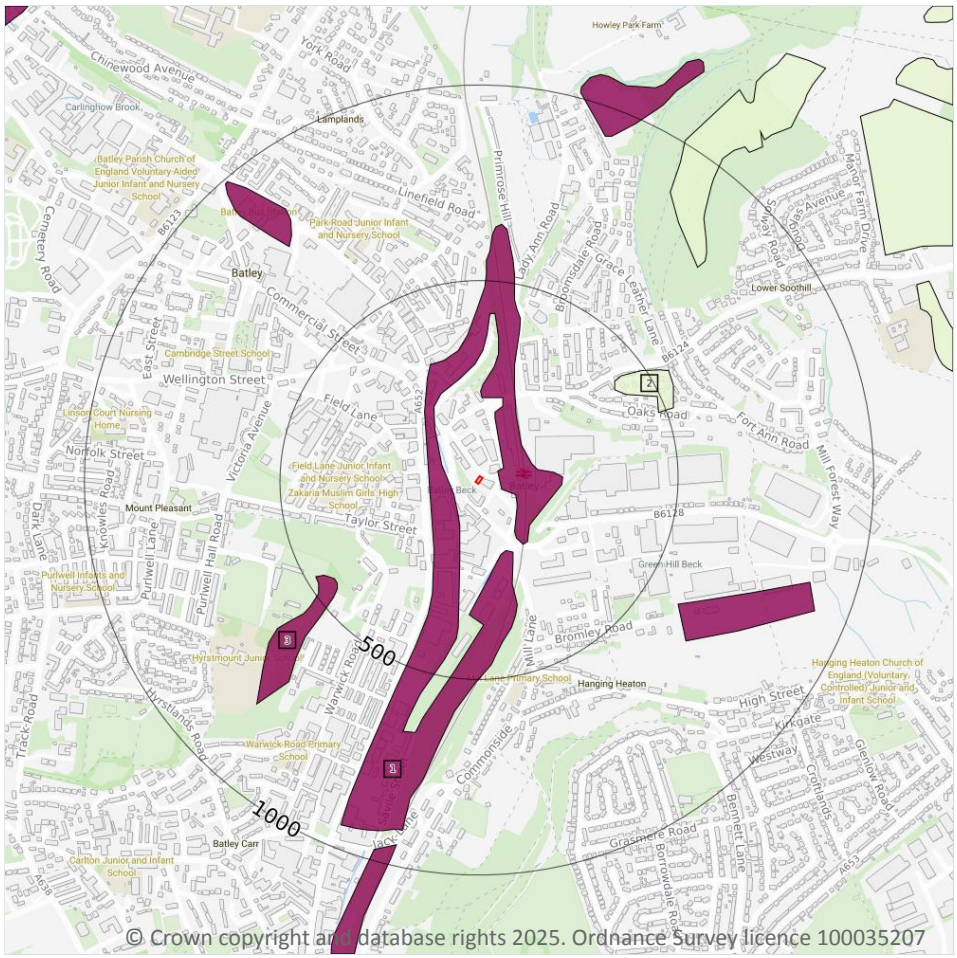
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 121 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW077_huddersfield_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	3

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 122 >**

ID	Location	LEX Code	Description	Rock description
1	42m E	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	406m NE	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
3	437m SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m	**1**

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).

Location	Flow type	Maximum permeability	Minimum permeability
42m E	Mixed	Very High	Low

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



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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 124 >**

ID	Location	LEX Code	Description	Rock description
1	64m W	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.

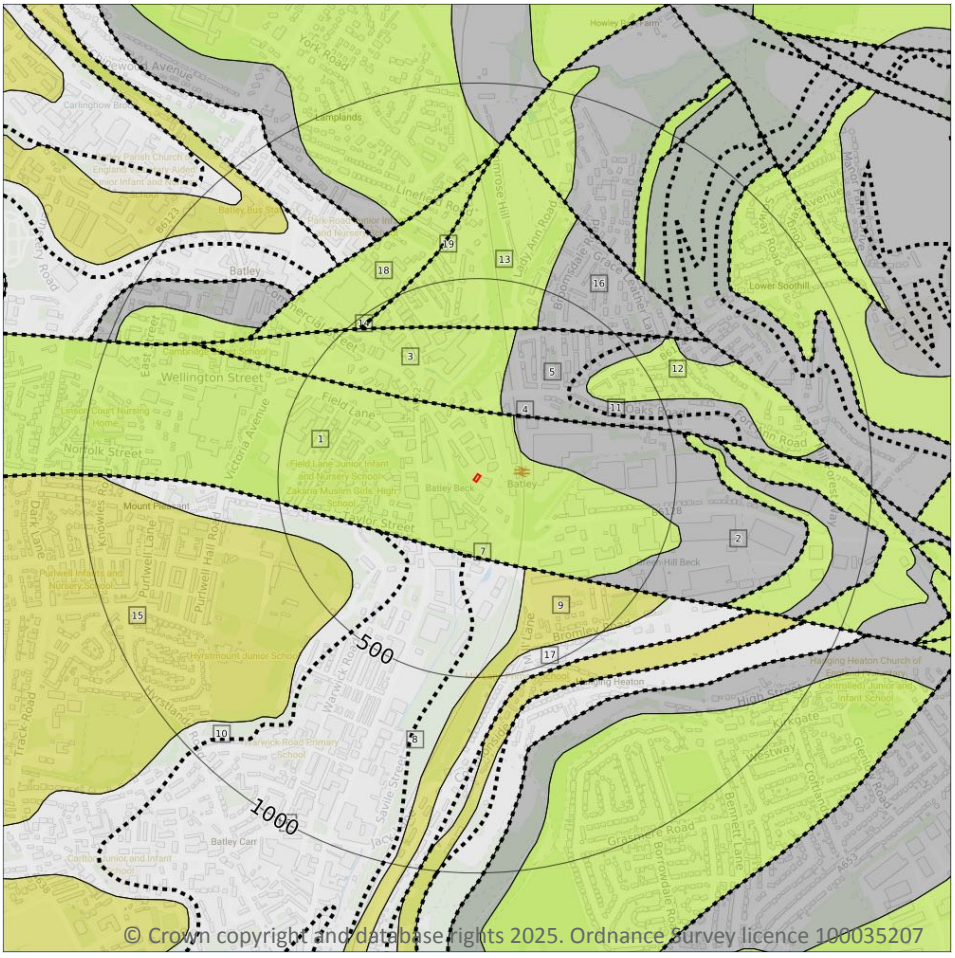
15.7 Landslip permeability (50k)

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.

Geology 1:50,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

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

15.8 Bedrock geology (50k)

Records within 500m **12**

Bedrock geology at 1:50,000 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 1:50,000 scale - Bedrock map on **page 126 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**TR-SDST**	**THORNHILL ROCK - SANDSTONE**	**WESTPHALIAN**
2	121m NE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
3	160m N	TR-SDST	THORNHILL ROCK - SANDSTONE	WESTPHALIAN

ID	Location	LEX Code	Description	Rock age
5	166m NE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
6	188m S	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
9	253m SE	BRSR-SDST	BIRSTALL ROCK - SANDSTONE	WESTPHALIAN
12	348m NE	HMR-SDST	HAIGH MOOR ROCK - SANDSTONE	WESTPHALIAN
13	375m N	TR-SDST	THORNHILL ROCK - SANDSTONE	WESTPHALIAN
15	388m SW	BRSR-SDST	BIRSTALL ROCK - SANDSTONE	WESTPHALIAN
16	403m N	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
17	452m S	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
18	478m NW	TR-SDST	THORNHILL ROCK - SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m **1**

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**High**	**Moderate**

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m **7**

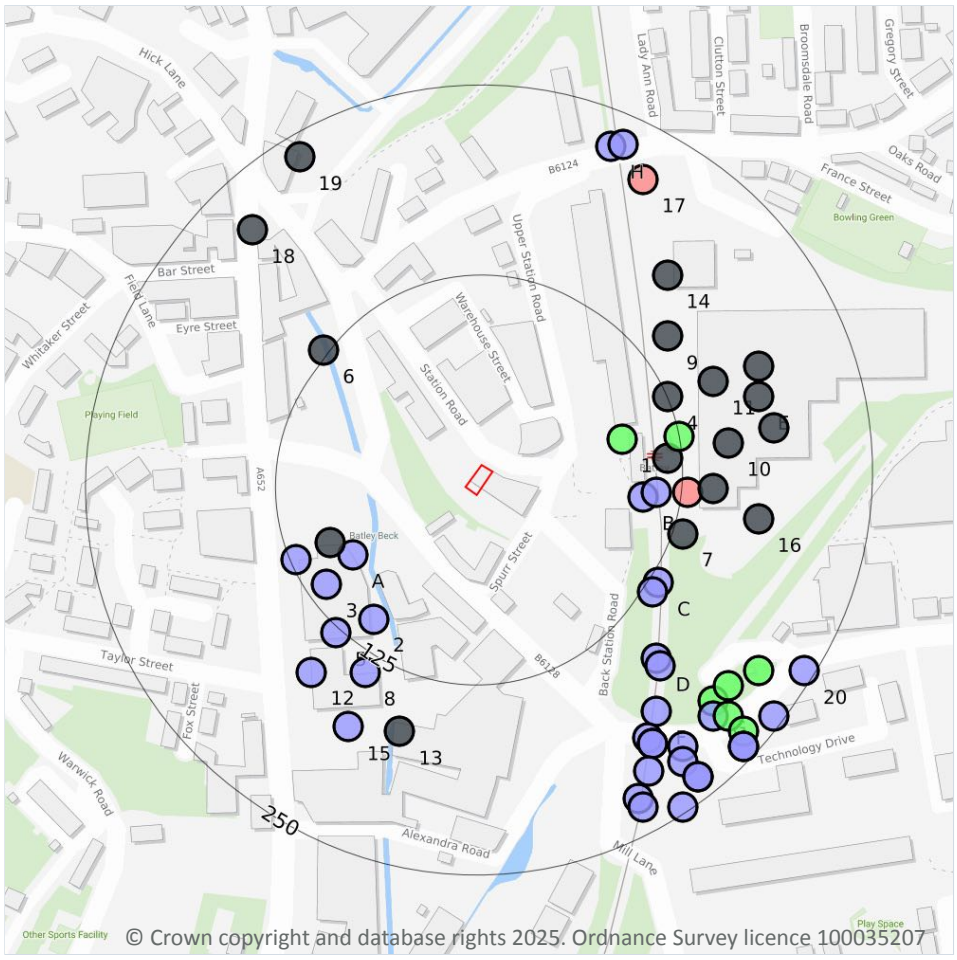
Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 126 >**

ID	Location	Category	Description
4	160m N	FAULT	Fault, inferred
7	188m S	FAULT	Fault, inferred
8	189m S	ROCK	Coal seam, inferred
10	261m SW	ROCK	Coal seam, inferred
11	302m NE	ROCK	Coal seam, inferred
14	375m N	FAULT	Fault, inferred
19	478m NW	FAULT	Fault, inferred, displacement unknown

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m	59

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 129 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	87m SW	424783 423726	HEATONS FACTORY BATLEY 4	6.1	N	77977 ↗
1	88m E	424960 423802	W4 GRIP 4 Boreholes BH5404	25.0	N	21568804 ↗

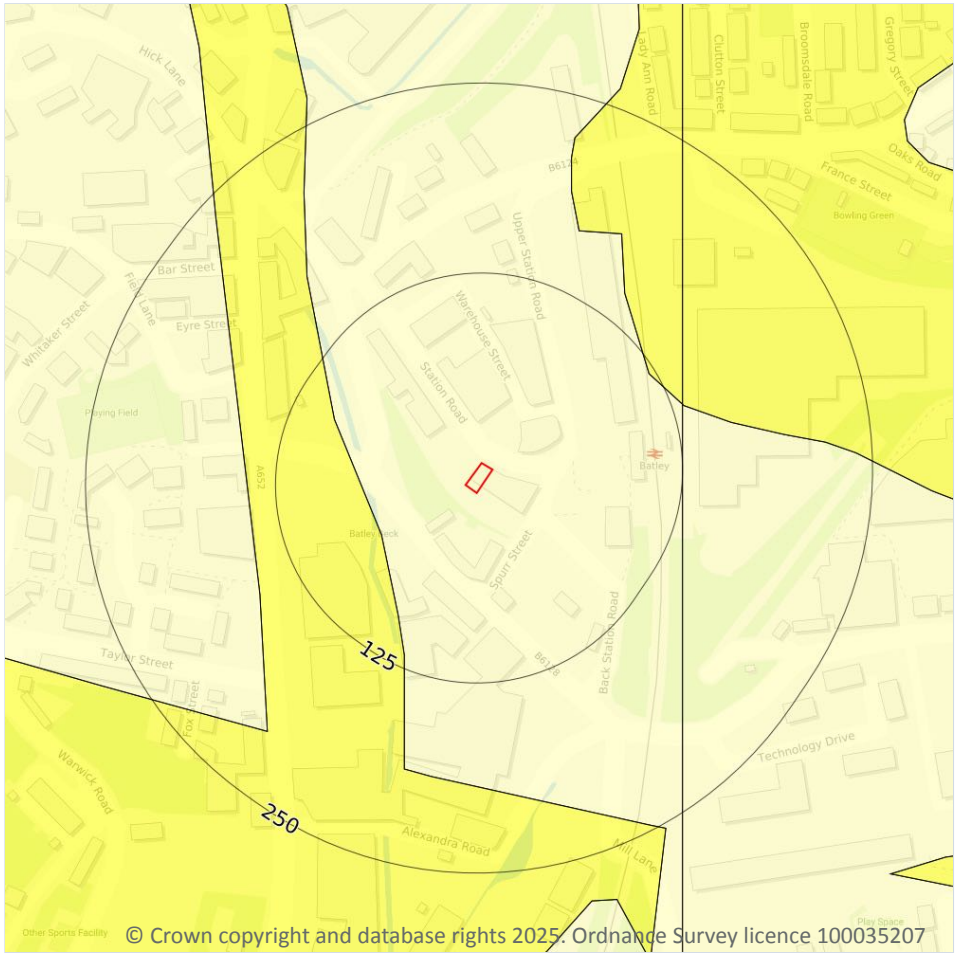
ID	Location	Grid reference	Name	Length	Confidential	Web link
A	97m W	424768 423734	BATLEY BECK FLOOD ALLEVIATION SCHEME B22	-	Y	N/A
B	100m E	424974 423764	TRU West SIGI S9P2WS0097	3.85	N	21568851 ↗
2	106m SW	424797 423684	HEATONS FACTORY BATLEY 8	6.1	N	77981 ↗
B	109m E	424983 423767	TRU West SIGI S9P2WS0098	3.5	N	21568852 ↗
3	111m SW	424766 423707	HEATONS FACTORY BATLEY 6	6.1	N	77979 ↗
B	115m E	424990 423790	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP4	-	Y	N/A
A	121m SW	424746 423723	HEATONS FACTORY BATLEY 1	6.1	N	77974 ↗
4	125m NE	424990 423830	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP3	-	Y	N/A
B	125m E	424998 423804	TRU - West of Leeds - Batch 1 BH5403	19.5	N	21568805 ↗
5	128m SW	424772 423675	HEATONS FACTORY BATLEY 7	6.1	N	77980 ↗
6	129m NW	424764 423861	BATLEY BECK FLOOD ALLEVIATION SCHEME B23	-	Y	N/A
B	129m E	425003 423767	TRU West SIGI S9P2BH0054	35.5	N	21569153 ↗
C	131m SE	424984 423708	TRU - West of Leeds - Batch 1 S9P1WS0063	8.02	N	21568966 ↗
C	131m SE	424980 423702	TRU - West of Leeds - Batch 1 WS5457	7.0	N	21569130 ↗
7	132m E	425000 423740	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP5	-	Y	N/A
8	138m SW	424791 423649	HEATONS FACTORY BATLEY 5	6.1	N	77978 ↗
B	145m E	425020 423770	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP6	-	Y	N/A
9	146m NE	424990 423870	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP2	-	Y	N/A
10	156m E	425030 423800	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP7	-	Y	N/A
11	157m E	425020 423840	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP8	-	Y	N/A
12	158m SW	424756 423649	HEATONS FACTORY BATLEY 2	6.1	N	77975 ↗
D	160m SE	424983 423658	TRU - West of Leeds - Batch 1 WS5418	7.45	N	21569124 ↗
13	164m S	424814 423610	BATLEY BECK FLOOD ALLEVIATION SCHEME B21	-	Y	N/A
D	165m SE	424985 423653	TRU - West of Leeds - Batch 1 S9P1WS0062	9.0	N	21568965 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
14	173m NE	424990 423910	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP1	-	Y	N/A
15	175m SW	424780 423613	HEATONS FACTORY BATLEY 3	5.79	N	77976 ↗
16	178m E	425050 423750	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP13	-	Y	N/A
E	182m E	425050 423830	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP11	-	Y	N/A
F	185m SE	424983 423623	TRU - West of Leeds - Batch 1 TP5437	1.2	N	21593982 ↗
E	187m E	425060 423810	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP12	-	Y	N/A
E	188m E	425050 423850	RAILWAY SIDINGS SOOTHILL LANE BATLEY TP10	-	Y	N/A
F	195m SE	424977 423606	Transpennine Route Upgrade IP WS5012	1.2	N	21569036 ↗
F	200m SE	424980 423602	Transpennine Route Upgrade TB5013	0.8	N	21569049 ↗
F	200m SE	424980 423602	Transpennine Route Upgrade TB5013a	0.87	N	21569051 ↗
G	206m SE	425020 423630	GRANGE ROAD GASWORKS BATLEY 11	11.2	N	13335599 ↗
G	208m SE	425030 423640	GRANGE ROAD GASWORKS BATLEY 10	11.0	N	13335598 ↗
G	213m SE	425020 423620	GRANGE ROAD GASWORKS BATLEY TP 7	2.5	N	13335643 ↗
F	214m SE	425000 423600	GRANGE ROAD GASWORKS BATLEY 2A	3.0	N	13335586 ↗
F	214m SE	424978 423584	TRU - West of Leeds - Batch 1 TP5435	1.2	N	21593981 ↗
17	216m NE	424974 423973	TRU West SIGI S9P2BH0010	35.5	N	21569151 ↗
18	216m NW	424717 423940	BATLEY BECK FLOOD ALLEVIATION SCHEME B27	-	Y	N/A
G	218m SE	425050 423650	GRANGE ROAD GASWORKS BATLEY 17	10.3	N	13335610 ↗
G	220m SE	425030 423620	GRANGE ROAD GASWORKS BATLEY 8	10.7	N	13335596 ↗
F	222m SE	425000 423590	GRANGE ROAD GASWORKS BATLEY 2	3.1	N	13335568 ↗
F	226m SE	424971 423566	Transpennine Route Upgrade IP WS5011	1.2	N	21569035 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
H	226m N	424953 423995	Transpennine Route Upgrade TP5003	0.6	N	21569061 ↗
H	230m NE	424961 423996	Transpennine Route Upgrade TP5004	0.9	N	21569062 ↗
F	233m SE	424974 423560	Transpennine Route Upgrade TB5012	0.8	N	21569048 ↗
G	234m SE	425040 423610	GRANGE ROAD GASWORKS BATLEY 9	10.5	N	13335597 ↗
19	236m NW	424748 423988	BATLEY BECK FLOOD ALLEVIATION SCHEME B24	-	Y	N/A
F	236m SE	425010 423580	GRANGE ROAD GASWORKS BATLEY 4	1.5	N	13335588 ↗
F	236m SE	425010 423580	GRANGE ROAD GASWORKS BATLEY 4A	8.75	N	13335589 ↗
G	241m SE	425040 423600	GRANGE ROAD GASWORKS BATLEY 7	9.5	N	13335595 ↗
G	241m SE	425040 423600	GRANGE ROAD GASWORKS BATLEY TP 6	2.0	N	13335642 ↗
20	243m SE	425080 423650	GRANGE ROAD GASWORKS BATLEY 21	7.8	N	13335616 ↗
G	244m SE	425060 423620	GRANGE ROAD GASWORKS BATLEY 16	9.5	N	13335609 ↗
F	246m SE	425000 423560	GRANGE ROAD GASWORKS BATLEY 1	8.0	N	13335562 ↗

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	1

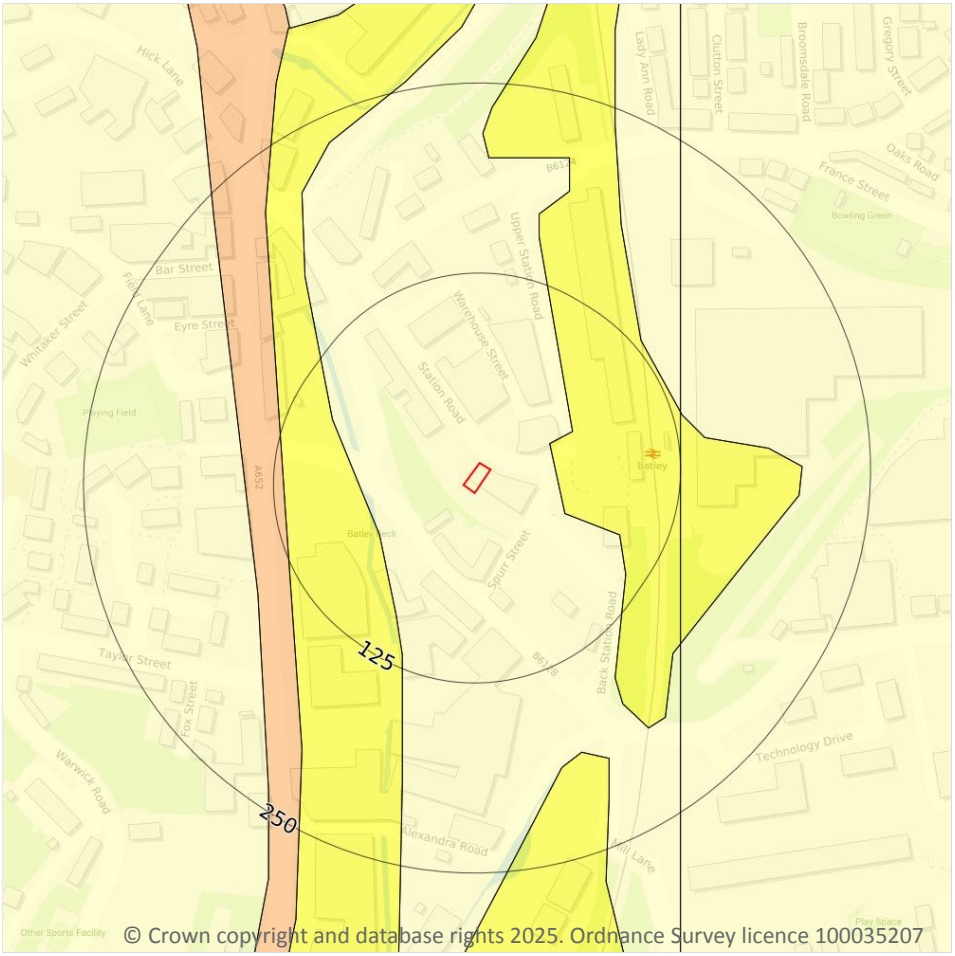
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 133 >**

Location	Hazard rating	Details
On site	**Negligible**	**Ground conditions predominantly non-plastic.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m	2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

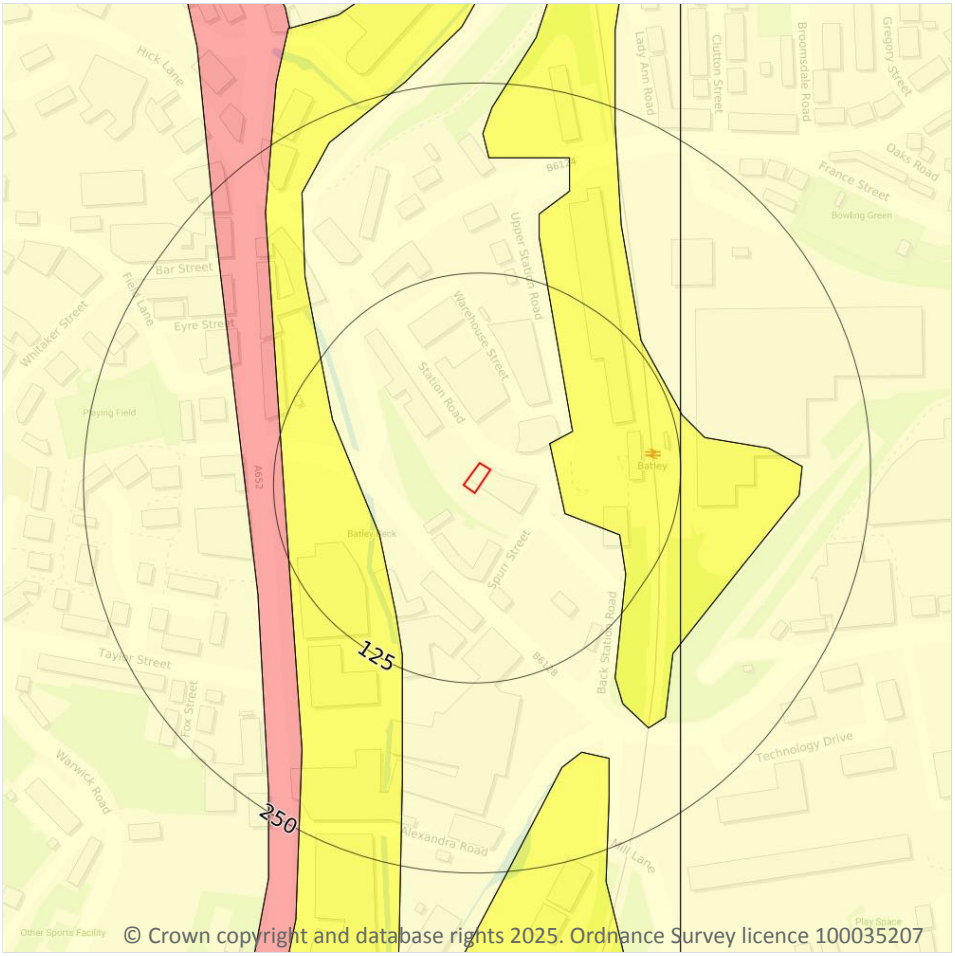
Features are displayed on the Natural ground subsidence - Running sands map on **page 134 >**

Location	Hazard rating	Details
On site	**Negligible**	**Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.**

Location	Hazard rating	Details
42m E	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	2

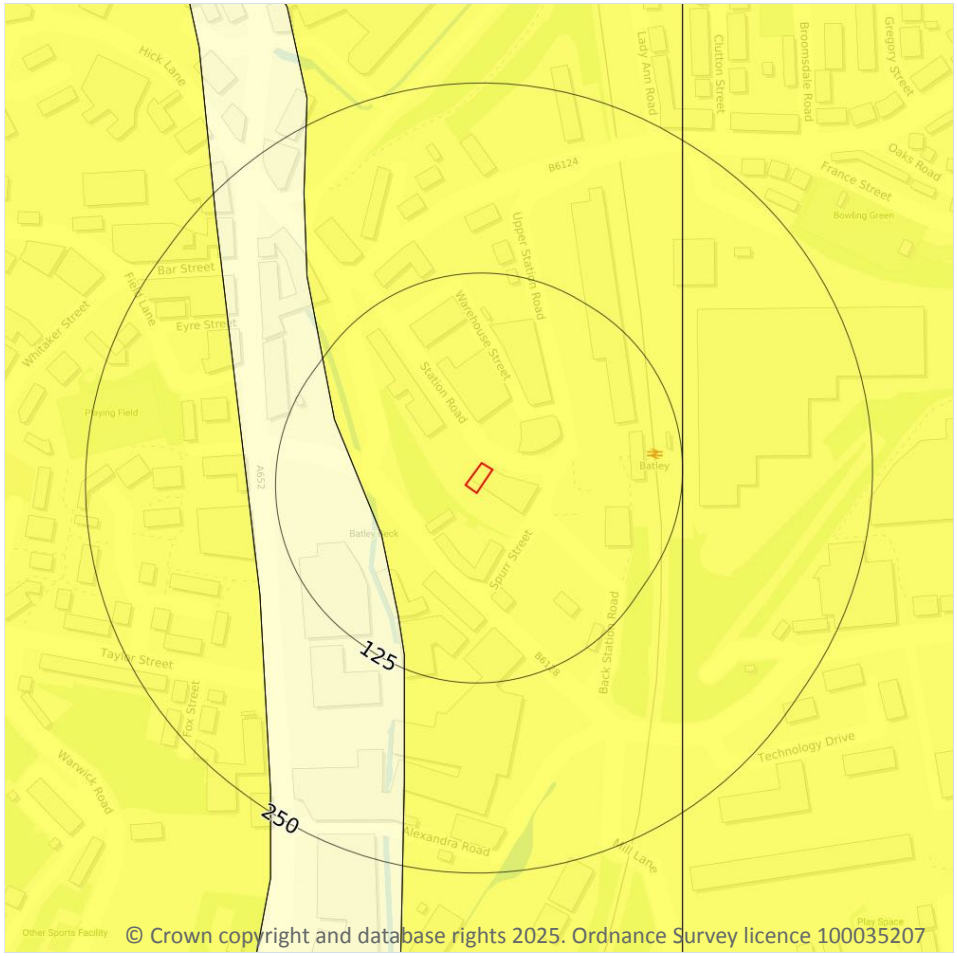
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 136 >**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
42m E	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m	1

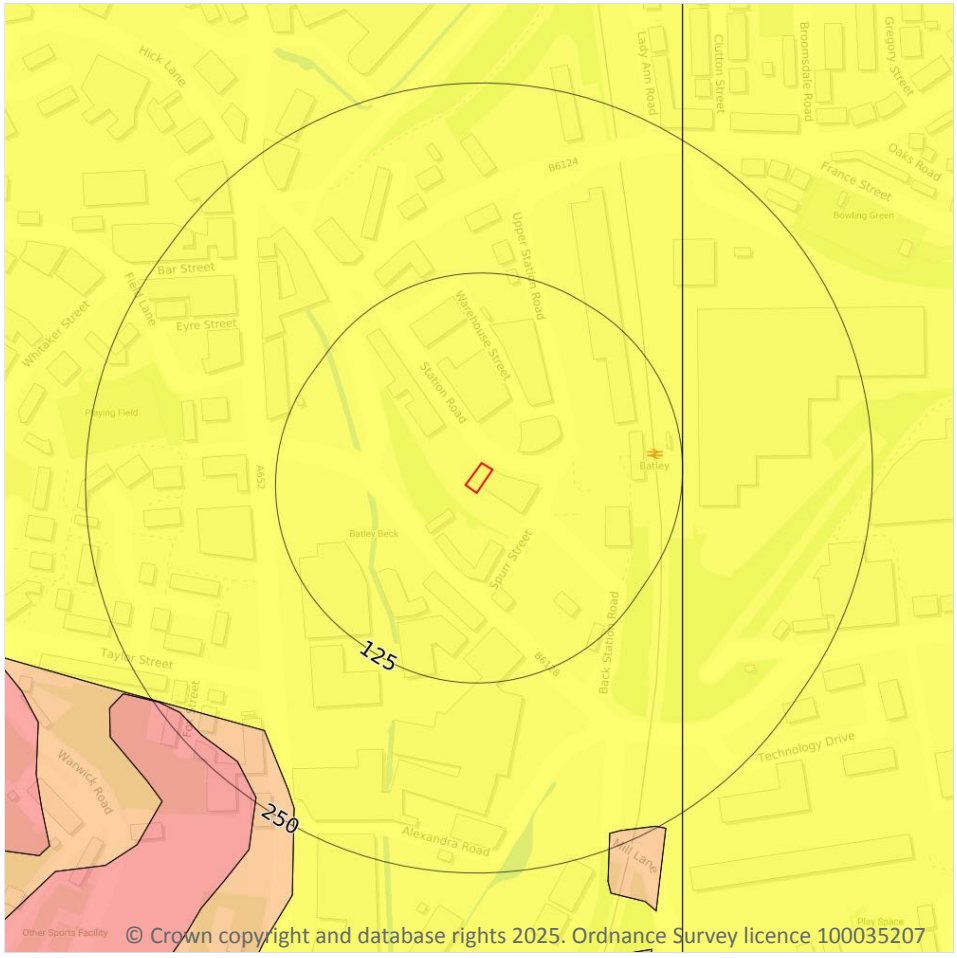
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 138 >**

Location	Hazard rating	Details
On site	**Very low**	**Deposits with potential to collapse when loaded and saturated are unlikely to be present.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



17.5 Landslides

Records within 50m	1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 139 >**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



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Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	1

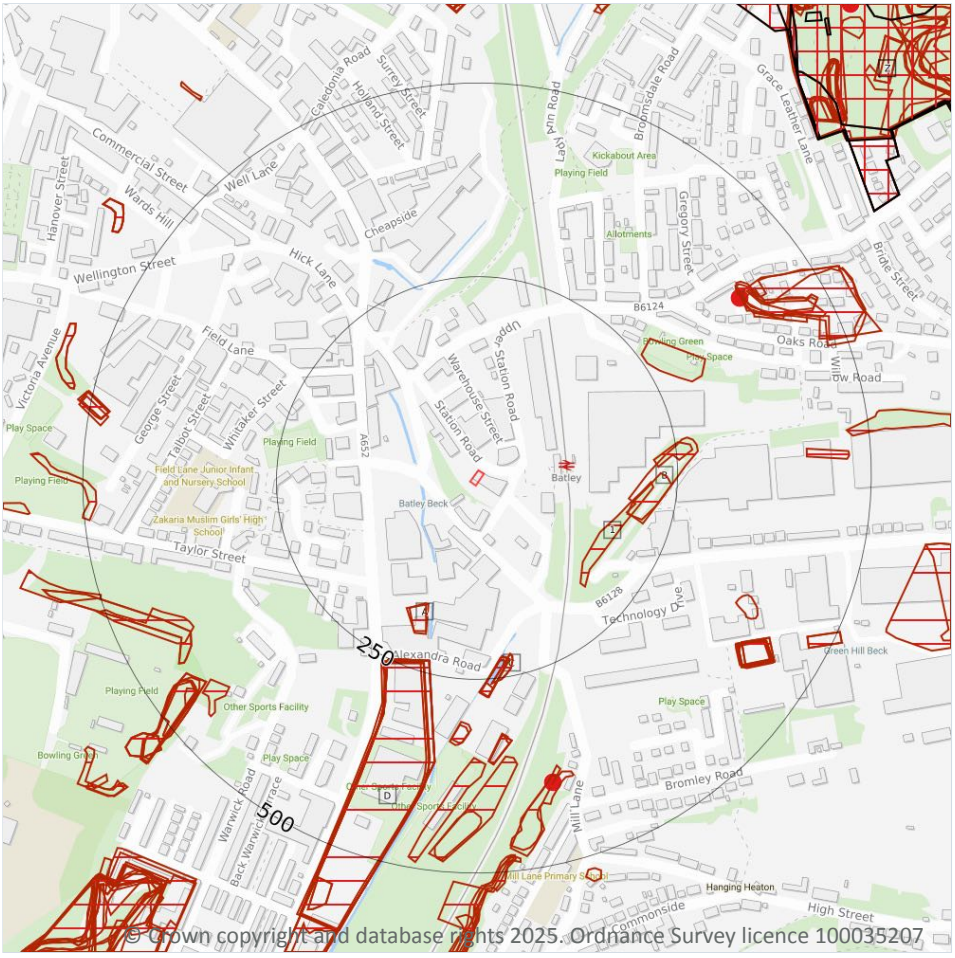
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 140 >**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

This data is sourced from the British Geological Survey.

18 Mining and ground workings



Site Outline

Search buffers in metres (m)

- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining

Non Coal Mining

- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m	2

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining and ground workings map on **page 142 >**

ID	Location	Details	Description
H	395m S	Name: Union Mill Address: Hanging Heaton, LEEDS, West Yorkshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.
J	401m NE	Name: Soothill Hall Address: Batley, BATLEY, West Yorkshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Delf, Delph, Gravel Pit, Sand Pit, Sand and Gravel Pit, Clay Pit, Pit, Opencast Coal Site or Surface Mine. It may be mapped as Worked Ground or Worked and Made Ground on BGS mapping. Status description: Site which has ceased to extract minerals. May be considered as 'Closed' by operator. May be considered to have 'Active', 'Dormant' or 'Expired' planning permissions by the Mineral Planning Authority.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	**22**

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on **page 142 >**

ID	Location	Land Use	Year of mapping	Mapping scale
A	165m S	Pond	1892	1:10560
A	165m SW	Pond	1905	1:10560
1	168m SE	Unspecified Ground Workings	1992	1:10000
B	190m E	Cuttings	1892	1:10560
B	192m E	Cuttings	1957	1:10560
B	220m E	Unspecified Ground Workings	1992	1:10000
C	222m S	Pond	1988	1:10000
C	222m S	Pond	1981	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
C	222m S	Pond	1892	1:10560
C	224m S	Reservoir	1955	1:10560
C	227m S	Pond	1938	1:10560
C	227m S	Reservoir	1948	1:10560
C	227m S	Pond	1905	1:10560
D	234m S	Sewage Works	1988	1:10000
D	234m S	Sewage Works	1981	1:10000
D	234m S	Sewage Works	1967	1:10560
D	234m S	Sewage Works	1955	1:10560
D	237m S	Sewage Works	1931	1:10560
D	239m S	Sewage Works	1938	1:10560
D	239m S	Sewage Works	1948	1:10560
D	239m S	Sewage Works	1905	1:10560
D	239m S	Sewage Works	1948	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	**10**

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining and ground workings map on **page 142 >**

ID	Location	Land Use	Year of mapping	Mapping scale
W	607m NE	Colliery	1905	1:10560
W	607m NE	Old Colliery	1938	1:10560
W	610m NE	Disused Colliery	1948	1:10560
Z	645m NE	Colliery	1892	1:10560
-	693m E	Colliery	1905	1:10560
Z	717m NE	Unspecified Old Shafts	1938	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
Z	719m NE	Unspecified Old Shafts	1948	1:10560
-	724m E	Disused Colliery	1948	1:10560
-	729m E	Colliery	1892	1:10560
-	737m E	Disused Colliery	1938	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m	0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	1

Areas which could be affected by past, current or future coal mining.

Location	Details
On site	**The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.**

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

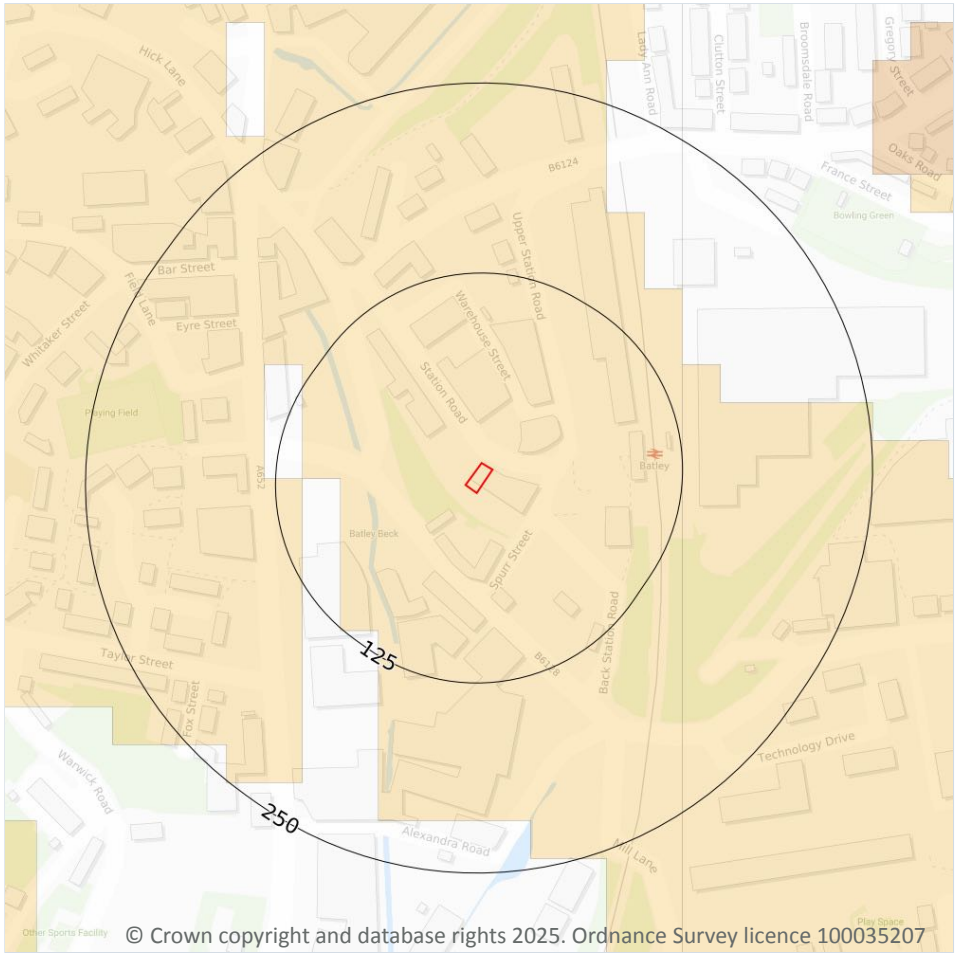
Records within 500m	0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.

This data is sourced from Groundsure.

20 Radon



Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

20.1 Radon

Records on site	1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on **page 151 >**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Between 3% and 5%**	**Basic**

This data is sourced from the British Geological Survey and UK Health Security Agency.

21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m	1

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

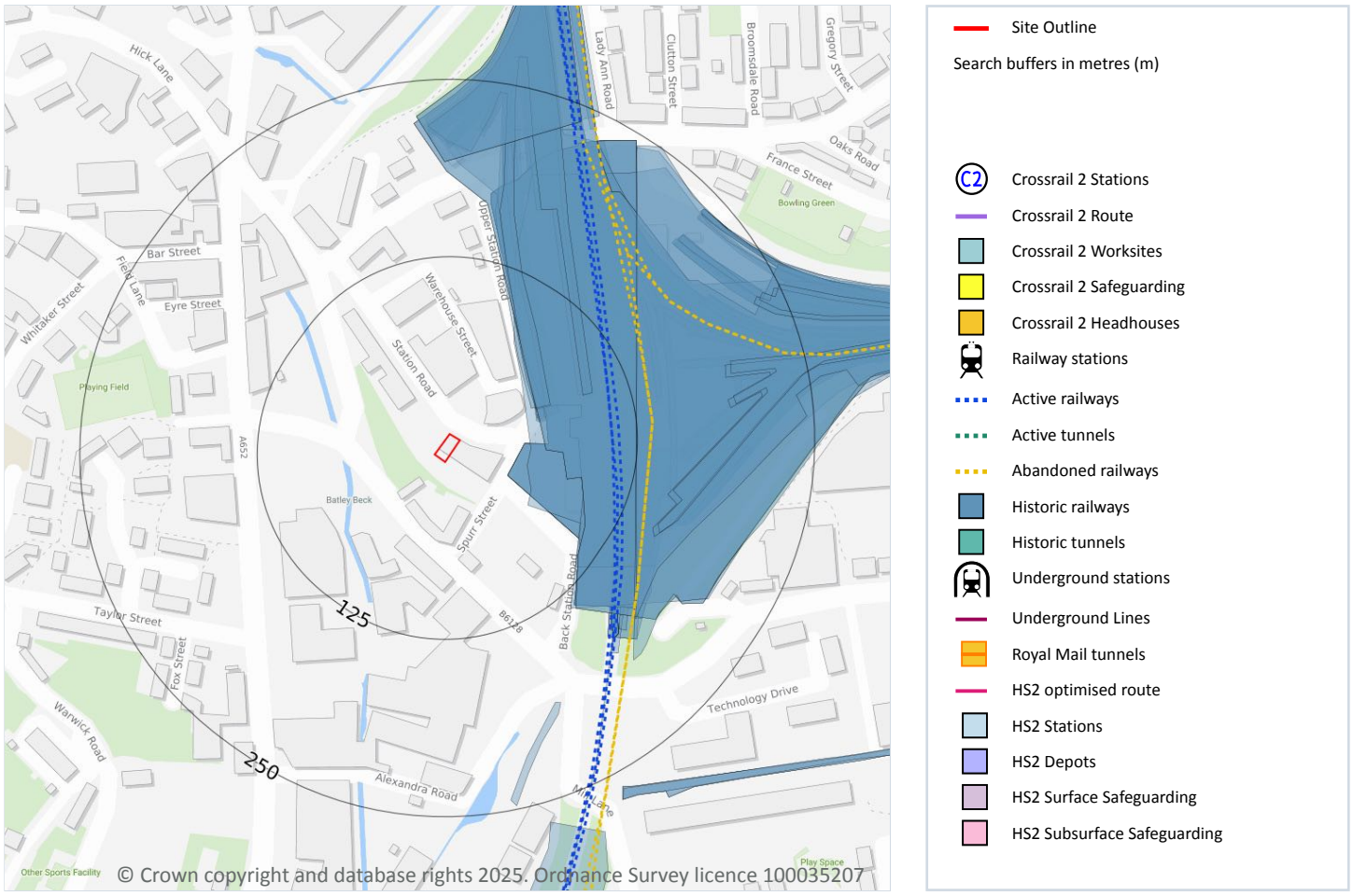
21.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects



22.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m	66

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on **page 154 >**

Location	Land Use	Year of mapping	Mapping scale
41m SE	Railway Sidings	1981	10000
41m SE	Railway Sidings	1974	10000
41m SE	Railway Sidings	1967	10560
41m SE	Railway Sidings	1955	10560
49m E	Railway Sidings	1892	10560
55m NE	Railway Sidings	1948	10560
56m E	Railway Sidings	1894	2500
57m E	Railway Sidings	1933	2500
57m E	Railway Sidings	1922	2500
57m E	Railway Sidings	1907	2500
58m E	Railway Sidings	1948	10560
58m E	Railway Sidings	1905	10560
58m E	Railway Sidings	1938	10560
58m NE	Railway Sidings	1931	10560
62m E	Railway Sidings	1966	2500
62m E	Railway Sidings	1956	2500
64m E	Railway Sidings	1955	1250

Location	Land Use	Year of mapping	Mapping scale
101m E	Railway Sidings	1955	1250
118m E	Railway Sidings	1974	1250
119m NE	Railway Sidings	1894	2500
119m NE	Railway Sidings	1922	2500
121m SE	Railway Sidings	1907	2500
121m SE	Railway Sidings	1893	2500
121m SE	Railway Sidings	1922	2500
121m SE	Railway Sidings	1933	2500
124m E	Railway Sidings	1971	10000
124m E	Railway Sidings	1957	10560
126m E	Railway Sidings	1956	2500
136m E	Railway Sidings	1939	2500
139m SE	Railway Sidings	1955	1250
140m E	Railway Sidings	1969	1250
140m E	Railway Sidings	1922	2500
142m E	Railway Sidings	1894	2500
142m E	Railway Sidings	1907	2500
142m E	Railway Sidings	1933	2500
142m E	Railway Sidings	1939	2500
144m SE	Railway Sidings	1907	2500
144m SE	Railway Sidings	1894	2500
144m SE	Railway Sidings	1922	2500
144m SE	Railway Sidings	1933	2500
144m SE	Railway Sidings	1938	2500
149m E	Railway Sidings	1955	1250
149m E	Railway Sidings	1956	2500
149m E	Railway Sidings	1966	2500
149m SE	Railway Sidings	1948	10560

Location	Land Use	Year of mapping	Mapping scale
152m SE	Railway Sidings	1931	10560
155m E	Railway Sidings	1933	2500
156m E	Railway Sidings	1907	2500
156m E	Railway Sidings	1893	2500
156m E	Railway Sidings	1922	2500
157m NE	Railway Sidings	1922	2500
158m NE	Railway Sidings	1894	2500
158m NE	Railway Sidings	1907	2500
158m NE	Railway Sidings	1933	2500
163m E	Railway Sidings	1933	2500
175m NE	Railway Sidings	1907	2500
176m NE	Railway Sidings	1933	2500
186m SE	Railway Sidings	1894	2500
192m N	Railway Sidings	1967	10560
192m N	Railway Sidings	1955	10560
215m N	Railway Sidings	1956	2500
215m N	Railway Sidings	1955	1250
233m NE	Railway Sidings	1894	2500
235m N	Railway Sidings	1907	2500
235m N	Railway Sidings	1933	2500
237m NE	Railway Sidings	1971	2500

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	6

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

Features are displayed on the Railway infrastructure and projects map on **page 154 >**

Location	Description
134m E	Razed
134m E	Historical OSM
174m NE	Abandoned
176m NE	Historical OSM
176m NE	Razed
194m NE	Abandoned

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	10

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

Features are displayed on the Railway infrastructure and projects map on **page 154 >**

Location	Name	Type
107m E	Not given	Multi Track
107m E	Huddersfield Line	rail
112m E	Huddersfield Line	rail
117m E	Not given	Multi Track
139m SE	Not given	Multi Track
143m NE	Not given	Multi Track
165m SE	Huddersfield Line	rail
168m SE	Huddersfield Line	rail
171m SE	Not given	Multi Track
232m N	Not given	Multi Track

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m	0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 ltd.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://www.groundsure.com/sources-reference ↗.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-and-conditions-april-2023/ ↗.

APPENDIX C

SITE PHOTOS



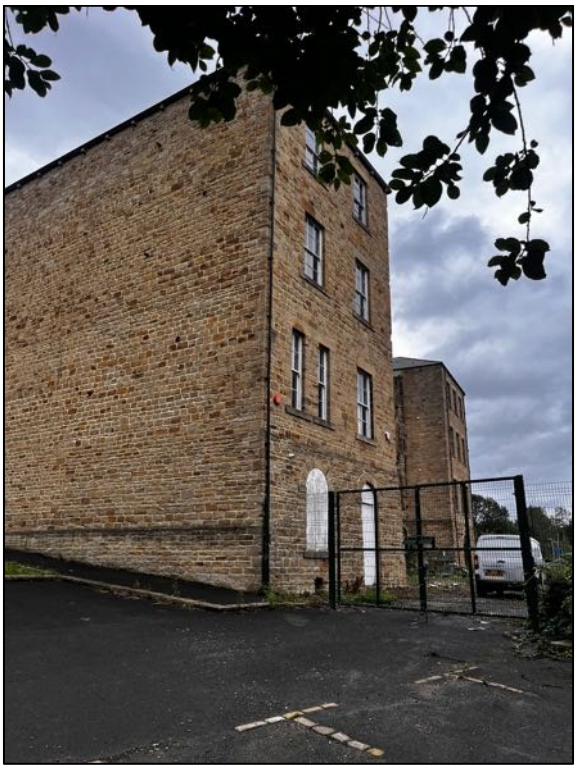
General view to the south west looking at site from Station Road



General view to the south west looking at site from Station Road



General view to the west looking at site from Station Road



General view to the south west looking from site towards Rouse Mill Lane



General view to the south west looking at car park at rear



General view to the south west looking along north elevation of site and adjoining land from Station Road



View of steps at rear of site

END