



**COAL MINING DESK BASED ASSESSMENT**

**Land at 485 Bradford Road,  
Batley,  
WF17 8LB**

**Prepared for:**

**Mr A Dragjoshi**

**Report Ref: 25-2598-CMRA  
Date Issued: October 2025**

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PROJECT NUMBER	25-2598
IMS Template Reference: QR011	

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*Drawing No 25-2598-001* - Site Location Plan

*Drawing No 25-2598-002* - Proposed Development Plan

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## 1. INTRODUCTION

### 1.1 Background

ERGO has been commissioned by Mr A Dragjoshi to undertake a desk-based Coal Mining Risk Assessment of Land at 485 Bradford Road, Batley, WF17 8LB.

This risk assessment comprises a desk-based review of all available information on the coal mining issues which are relevant to the application site.

### 1.2 Site Details

<b>Site Address</b>	Land at 485 Bradford Road, Batley, WF17 8LB.
<b>Grid Reference</b>	E424045 N424640.
<b>Site Area</b>	c.0.13 Hectares.

A site location map is presented in Appendix III as Drawing 25-2598-001.

### 1.3 Proposed Development

ERGO understands that you are currently considering the redevelopment of above site for a commercial end use comprising the retention of existing structures and construction of 3no. additional buildings with associated hardstanding and utilities.

Drawing 24-2096-002 (Appendix III) identifies the proposed development layout. A snapshot of the proposed development layout is indicated in Figure 1.1 below.



**Figure 1.1** Snapshot of Proposed Development

### 1.4 Objectives

The objectives of the Coal Mining Risk Assessment is to:

- Review geology, mining records and any local authority information available to complete a desk-based coal mining risk assessment in line with current mining guidance;
- Interpretation of information to identify and assess the risks to the property from coal mining legacy, including the cumulative impact of issues;
- Assess the desk-based information and where possible provide preliminary recommendations in relation to shallow mine workings; and,
- Provide recommendations regarding future works required and the likely scope of any future investigations.

## **1.5 Limitations & Glossary**

The limitations of this report are presented in Appendix I.

All acronyms used within this report are defined in the Glossary presented in Appendix II.

## **1.6 Confidentiality**

ERGO has prepared this report solely for the use of the Client and those parties with whom a warranty agreement has been executed, or with whom an assignment has been agreed. Should any third party wish to use or rely upon the contents of the report, written approval must be sought from ERGO; a charge may be levied against such approval.

## 2. SITE SETTING

### 2.1 Current Site Use

A site walkover has not been undertaken; assessment has been made from available satellite imagery.

SITE DESCRIPTION	
<b>Occupancy/Use</b>	<p>The site is a roughly rectangular shaped parcel of land located off Bradford Road, Batley, c.2miles north of Dewsbury Town Centre.</p> <p>The site is presently predominantly occupied by hardstanding and understood to have been in former use by Batley Motors.</p> <p>1no. large abandoned structure is present within the southern site area with 2no. additional adjacent disused structures present. 1no. stone structure is present in the north-western site area understood to have been a former pharmacy.</p>
<b>Structures &amp; Retaining Structures</b>	<p>1no. 3-storey large structure is recorded within the southern site area with the existing 2-storey industrial building noted in the north-western site area.</p> <p>The southern site boundary is understood to comprise a retaining wall for the adjacent Carlinghow Brook.</p>
<b>Access</b>	<p>Vehicle and pedestrian access to site is possible via Bradford Road (A652) from the north of the site and Bond Street from the south-east.</p>
<b>Topography</b>	<p>The site is level with no significant topography of note recorded.</p>
<b>Surface Cover (%)</b>	Buildings: 25%
	Hardstand: 70%
	Soft cover: 5%
<b>Vegetation/ Ecology</b>	<p>The central site area is noted to contain some unmaintained vegetation.</p> <p>No evidence of invasive species was recorded onsite.</p>

### 3. SITE GEOLOGY

#### 3.1 Geological Mapping

BGS mapping for the site, 1:10,000 Sheet SE22SW and online records indicate the site is underlain by the geological sequence presented in Table 3.1 supporting nearby BGS borehole records summarised in Table 3.2.

**Table 3.1 Summary of Geological Sequence**

UNIT	CLASSIFICATION	COAL SEAMS	ANGLE OF DIP	REMARKS
<b>Drift</b>	Alluvium	N/A	N/A	N/A
<b>Solid</b>	Lower Pennine Coal Measures Formation	Flockton Thin Coal Seam	Inferred to dip away from the site.	Outcrop adjacent to the site boundary. Recorded to be c.0.40-1.40m thick locally.

Areas of made ground are noted c.50m north of site and c.50m south-east of site. An area of infilled ground is noted c.150m northeast of site.

**Table 4.2 Summary of BGS Borehole Records**

LOCATION	MADE GROUND	DRIFT	SOLID
15m S	0.00-0.75mbgl. - Ash, Stones & Clay.	0.75-1.06mbgl. - Stoney CLAY	1.06mbgl.+ - Coal Measures Strata
20m S	0.00-0.91mbgl. - Ash, Stones & Clay.	0.91-0.99mbgl. - CLAY	0.99mbgl.+ - Coal Measures Strata
20m S	0.00-1.52mbgl. - Ash, Stones & Clay.	1.52-2.29mbgl. - CLAY	2.29mbgl.+ - Coal Measures Strata 7.47-8.08m - COAL

No faults or linear features are recorded within the vicinity of the site.

#### 3.2 Mining Features

Available historic mapping records note the presence of Batley Colliery c.50m east of the site with associated shafts. No additional features are recorded onsite or adjacent to the site.

#### 4. PLANNING HISTORY

ERGO has undertaken a detailed search of online planning records held by Kirklees Council which has identified the following information pertinent to the site and surrounding area.

**Lithos** - Mining Risk Assessment, (Ref: 002/1784/REG/mjt, dated November 2013).

Lithos Consulting completed a Mining Risk Assessment for a parcel of land located c.50m south of the site which determined the following:

Part of the site might be underlain at very shallow depth by the Flockton Thin coal. However, it is considered reasonably unlikely that shallow mineworkings in this seam exist here, and it is understood that there is no evidence of structural damage to the existing buildings on site.

Given the nature and scale of the proposed development, an intrusive investigation via rotary probeholes is probably not justified, but consideration could be given to requesting the Structural Engineer to design foundations able to mitigate the potential risk of mining related subsidence.

## 5. COAL AUTHORITY DATA

ERGO obtained a Mining Remediation Authority (MRA) Mining Report (Ref: 51003531373001), dated October 2025.

The MRA operates a risk-based approach to the assessment of potential instability issues associated with future development of land located within the pre-defined MRA Consultation Areas. This risk-based approach sub-divides potential risk into 'Low & High' Risk Categories.

The Risk Categories can be defined as:

**Low Risk Sites** - Deemed to be land where coal mining has taken place, however it was at such depth not to pose a risk to new development and it therefore contains no known recorded risks and as such no further assessment is required.

For Low Risk Sites, the MRA categorically state:

*"If your proposed development is within the Development Low Risk Area **there is no need for you to submit any coal mining information with your planning application** and The MRA will not be consulted by the LPA. The LPA will include our Standing Advice as an informative note within the decision notice".*

**High Risk Sites** are deemed to be landholdings located within an area known to contain legacy risks that include:

- *Mine entries (shaft or Adit);*
- *Shallow Coal Workings (recorded and probable);*
- *Workable coal seam outcrops;*
- *Mine gas sites and areas;*
- *Recorded coal mining related hazards;*
- *Geological features (fissures and break lines); and,*
- *Former surface mining sites (sometimes using historic opencast extraction methods).*

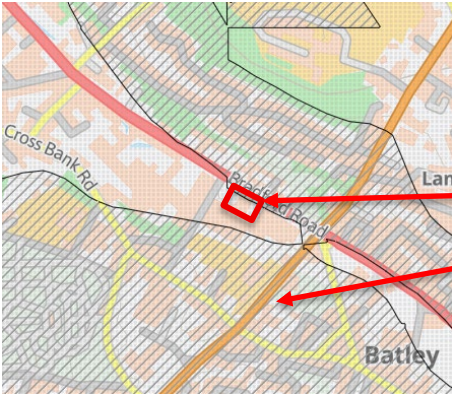
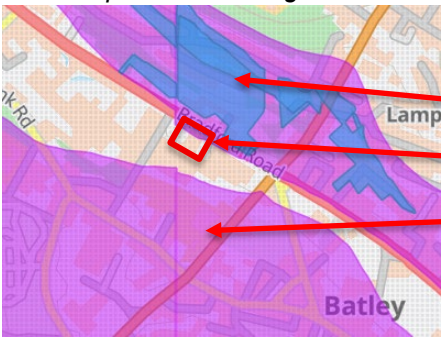
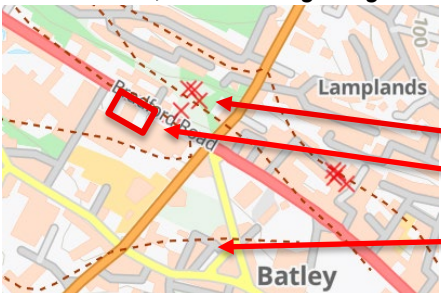
Prior to enactment of the Coal Mines Regulation Act (1872) which came into force on 1<sup>st</sup> January 1883, there was no statutory requirement to record the extent of abandoned mine workings. As such the MRA has no knowledge of extensive workings throughout the UK Coal Fields where shallow workings are present at a depth which could result in a subsidence event in the future (through successive cavitation) associated with failure of support mechanism.

### 5.1 Coal Mining Information

To determine if a site may be at potential risk from historic mine workings requires consideration of a range of information. ERGO has completed a review of relevant information in relation to potential mining activities, the findings of which are summarised in Table 5.1.

**Table 5.1 Coal Mining Information**

SOURCES OF INFORMATION	SUMMARY
MRA Mining Report	<p>The MRA mining report (Ref: 51003531373001, October 2025) states:</p> <ul style="list-style-type: none"> <li>▪ <i>The site is within an area affected by past recorded mining, with 1no. seam (Middleton Main), recorded to underlie the site at depths of 87mbgl., with extraction thickness of 1.60m, last worked in 1890;</i></li> <li>▪ <i>The site is within an area of probable shallow unrecorded workings;</i></li> <li>▪ <i>2no. mine entries are located NE of the site area, Shaft Ref: 424424-001 is recorded to have been filled and capped at rockhead, Adit Ref: 424424-009 has no recorded treatment details. It is noted that the adit orientation is recorded to be parallel to the northern site boundary; and,</i></li> <li>▪ <i>No outcrops, opencast workings, geological faults, fissures, breaklines or mine gas emissions are recorded within c.100m of site.</i></li> </ul>

<p><b>MRA Viewer</b></p>	<p>The MRA interactive map indicates the following:</p> <ul style="list-style-type: none"> <li>▪ The site is located within the Coal Mining Reporting area;</li> <li>▪ The site is partially located within a Development High Risk Area;</li> </ul>  <ul style="list-style-type: none"> <li>Site</li> <li>Development High Risk (Black Hatching)</li> </ul> <ul style="list-style-type: none"> <li>▪ No recorded shallow workings are noted within the site area, however shallow workings are noted adjacent to the north-east of the site;</li> <li>▪ The site is in an area where probable unrecorded shallow workings are noted;</li> <li>▪ No opencast workings are recorded onsite or within the vicinity of the site;</li> </ul>  <ul style="list-style-type: none"> <li>Recorded shallow workings (Blue shading)</li> <li>Site</li> <li>Probable unrecorded shallow workings (Purple shading)</li> </ul> <ul style="list-style-type: none"> <li>▪ No mine entries are noted onsite, though several are recorded north-east of the site;</li> <li>▪ 1 no. coal seam is recorded to outcrop adjacent to the norther site boundary;</li> <li>▪ No faults, fissures or geological disturbances are noted.</li> </ul>  <ul style="list-style-type: none"> <li>Mine entries (Red Cross)</li> <li>Site</li> <li>Coal outcrop (Black dashed line)</li> </ul>
<p><b>BGS Mapping</b></p>	<p>BGS mapping indicates the site to be underlain by drift deposits comprising Alluvium overlying solid bedrock deposits comprising Pennine Lower Coal Measures.</p> <p>The site is noted to be underlain by the Flockton Thin seam outcropping adjacent to the northern site boundary and dipping away from the site with inferred thickness c.0.40-1.40m locally. The Flockton Thick seam outcrops c.50m N of site, dipping away from the site with inferred thickness c.0.30-1.50m locally.</p> <p>BGS boreholes indicate shallow rockhead at depths of c.1.50mbgl.</p>
<p><b>Review of MRA Archive</b></p>	<p>No MRA archives / Mine Abandonment Plans are made available.</p>
<p><b>Historical Site Investigations</b></p>	<p>ERGO has not been provided with any historic site investigation reports.</p>

## 5.2 Coal Mining Risk Assessment

This assessment comprises a desk-based review of available information on potential coal mining issues relevant to the application site, including:

- Interpretation of information to identify and assess risks to the proposed development from coal mining legacy, including the cumulative impact of issues;
- Setting out appropriate mitigation measures to address the coal mining legacy issues affecting the site, including any necessary remedial works and/or demonstrate how coal mining issues have influenced the proposed development; and,
- Demonstrating that the application site is, or can be made, safe and stable to meet the requirements of national planning policy with regard to development on unstable land.

The Coal Mining Risk Assessment is summarised in Table 5.2.

**Table 5.2 Summary of Coal Mining Risk Assessment**

COAL MINING RISK ASSESSMENT	YES/ NO	RISK ASSESSMENT
Recorded Underground Coal Mining at Shallow Depth (<30m)	No	Low - None recorded
Recorded Underground Coal Mining at Depth (>30m)	Yes	Low - The MRA report indicates the site is underlain by the Middleton Main coal seam at depths of 87mbgl. at this depth and recorded extraction thickness and anticipated depth of rockhead no significant risk is considered to be posed.
Unrecorded Underground Coal Mining at Shallow Depth (<30m)	Yes	Low - The site is located within an area where probable unrecorded workings are noted on the northern site boundary associated with the Flockton Thin seam outcropping adjacent to the northern site boundary and dipping away from the site. The seam is recorded to be locally present at thickness of 0.40-1.40m. Given the recorded outcrop position and likelihood, the seam will not have been worked to the outcrop due to potential risks of daylighting, a low risk has been determined.
Mine Entries (Shaft / Adits)	No	Low - None recorded onsite. 2no. mine entries are located NE of the site area, Shaft Ref: 424424-001 is recorded to have been filled and capped at rockhead, Adit Ref: 424424-009 has no recorded treatment details. It is noted the adit orientation is recorded to be parallel to the northern site boundary
Coal Mining Geology - Fractures/ Fissures	No	Low - None recorded.
Recorded Gas Emissions	No	Low - None recorded.
Recorded Mining Surface Hazard	No	Low - None recorded.
Surface Mining (opencast)	No	Low - None recorded

Based on the above, a potential **low** risk to the proposed development has been identified to the site. No significant risk has been determined from historic recorded workings at the site given the depth and noted extraction thickness. Whilst the northern site area is located within an area of probable shallow unrecorded workings, the associated seam is inferred to be Flockton Thin which is recorded to outcrop adjacent to the site and dip away from the site. It is additionally considered unlikely the seam will have been worked to the outcrop given the potential risk for daylighting. It is recommended that this assessment is confirmed by the MRA.

**END OF REPORT**

**APPENDIX I  
LIMITATIONS**



1. This report and its findings should be considered in relation to the terms of reference and objectives agreed between ERGO and the Client as indicated in Section 1.2.
2. For the work, reliance has been placed on publicly available data obtained from the sources identified. The information is not necessarily exhaustive and further information relevant to the site may be available from other sources. When using the information it has been assumed it is correct. No attempt has been made to verify the information.
3. Site sensitivity assessments have been made based on available information at the time of writing and are ultimately for the decision of the regulatory authorities.
4. The executive summary, conclusions and recommendations sections of the report provide an overview and guidance only and should not be specifically relied upon without considering the context of the report in full.
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6. New information, revised practices or changes in legislation may necessitate the re-interpretation of the report, in whole or in part.

**APPENDIX II  
GLOSSARY**



## TERMS

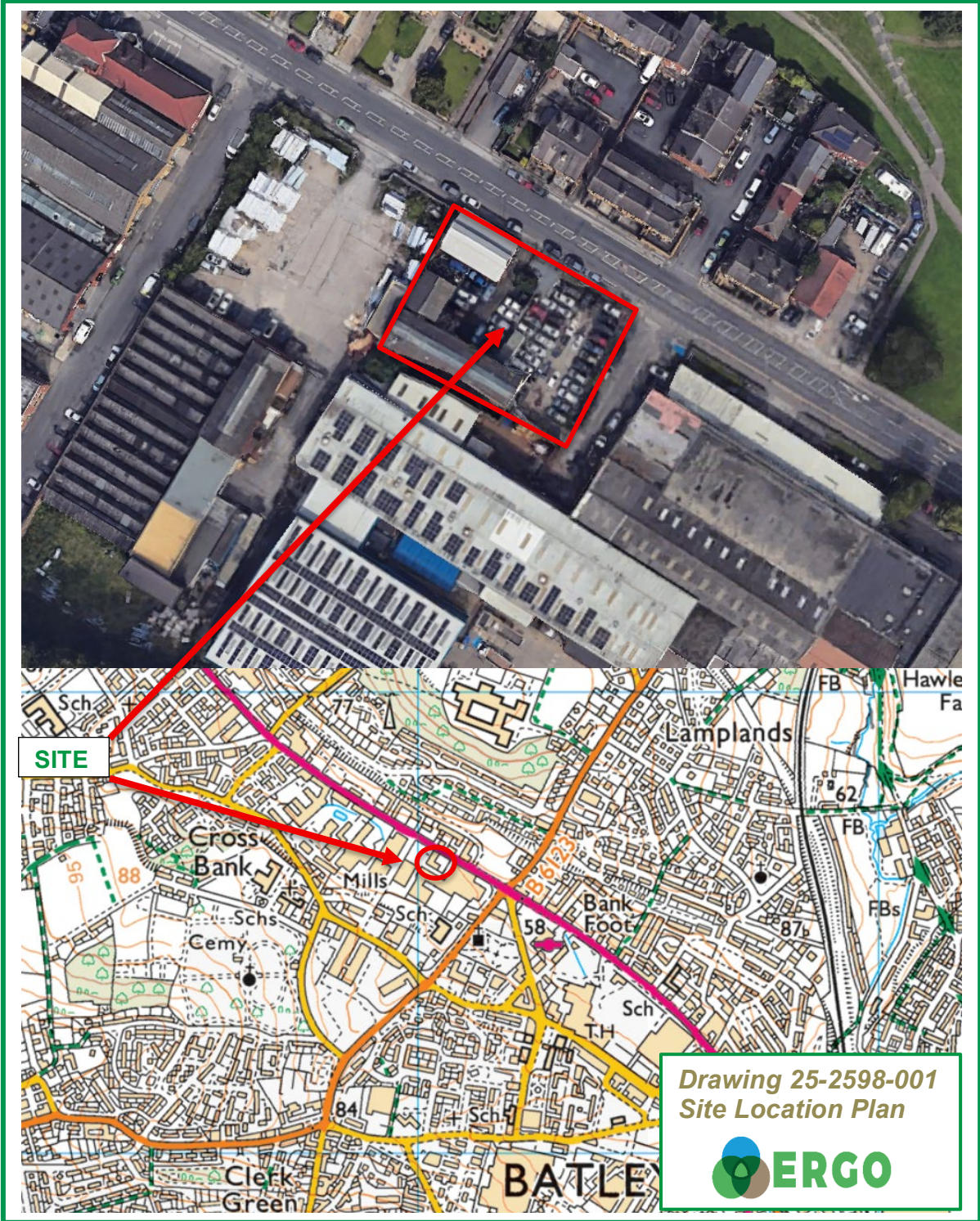
AST	Above Ground Storage Tank
BGS	British Geological Survey
BSI	British Standards Institute
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CIEH	Chartered Institute of Environmental Health
CIRIA	Construction Industry Research Association
CLEA	Contaminated Land Exposure Assessment
CSM	Conceptual Site Model
DNAPL	Dense Non-Aqueous Phase Liquid (chlorinated solvents, PCB)
DWS	Drinking Water Standard
EA	Environment Agency
EQS	Environmental Quality Standard
GAC	General Assessment Criteria
GL	Ground Level
GSV	Gas Screening Value
HCV	Health Criteria Value
ICSM	Initial Conceptual Site Model
LNAPL	Light Non-Aqueous Phase Liquid (petrol, diesel, kerosene)
ND	Not Detected
LMRL	Lower Method Reporting Limit
NR	Not Recorded
PAH	Poly Aromatic Hydrocarbon
PCB	Poly-Chlorinated Biphenyl
PID	Photo Ionisation Detector
QA	Quality Assurance
SGV	Soil Guideline Value
SPH	Separate Phase Hydrocarbon
Sp.TPH (CWG)	Total Petroleum Hydrocarbon (Criteria Working Group)
SPT	Standard Penetration Test
SVOC	Semi Volatile Organic Compound
UST	Underground Storage Tank
VCCs	Vibro Concrete Columns
VOC	Volatile Organic Compound
WTE	Water Table Elevation

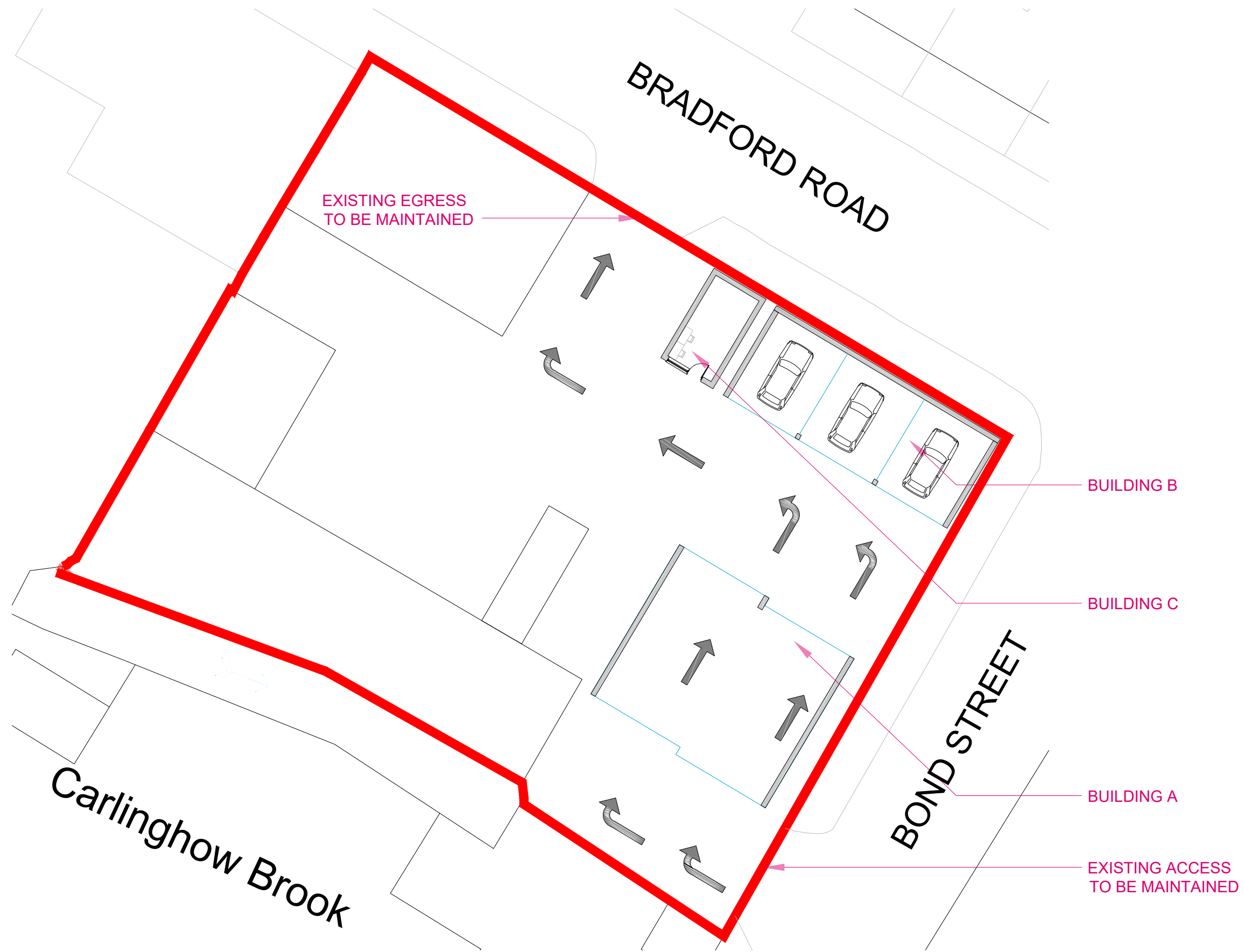
## UNITS

m	Metres
km	Kilometres
%	Percent
%v/v	Percent volume in air
mb	Milli Bars (atmospheric pressure)
l/hr	Litres per hour
µg/l	Micrograms per Litre (parts per billion)
ppb	Parts Per Billion
mg/kg	Milligrams per kilogram (parts per million)
ppm	Parts Per Million
mg/m <sup>3</sup>	Milligram per metre cubed
m bgl	Metres Below Ground Level
m bcl	Metre Below Cover Level
mAOD	Metres Above Ordnance Datum (sea level)
kN/m <sup>2</sup>	Kilo Newtons per metre squared
µm	Micro metre

**APPENDIX III  
DRAWINGS**







Key:

Notes:

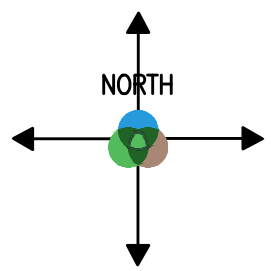
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Phase	Revision	Date	Issue	Drawn	Checked	Authorised

Client:		Job No:	Date:
Krypton Structure		25-2539	22.10.2025
		Drawing No:	Scale:
		002	NTS

Job Title:	Drawing Title:
Land at 485, Bradford Road, Batley	Exploratory Hole Location Plan

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**APPENDIX IV  
MRA DATA**





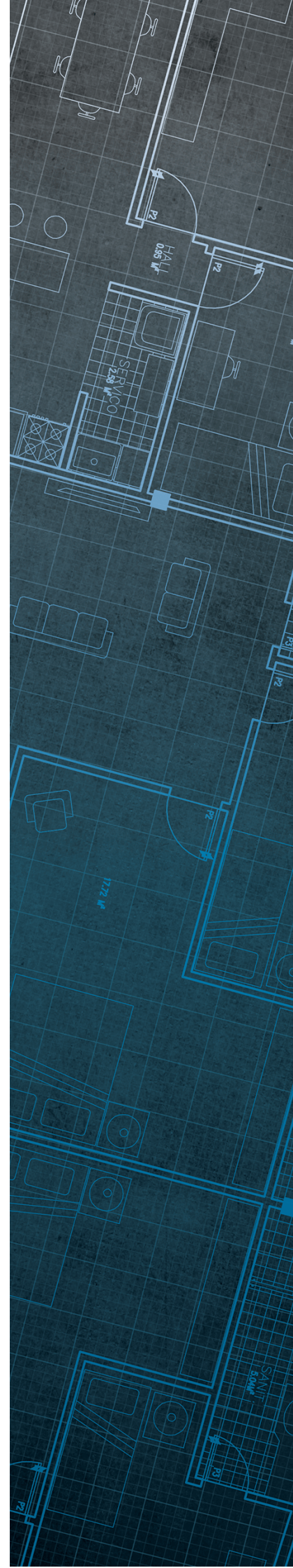
The Coal  
Authority

# Consultants Coal Mining Report

485, Bradford Road, Batley, Kirklees,  
Wf17 8lb  
West Yorkshire

Date of enquiry: 14 October 2025  
Date enquiry received: 14 October 2025  
Issue date: 14 October 2025

Our reference: 51003531373001  
Your reference: GS-Z90-P84-06j-88X





# Section 1 – Mining activity and geology

## Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	MIDDLETON MAIN	Coal	6ZLG	75	West	1.6	East	160	1892
unnamed	MIDDLETON MAIN	Coal	6ZLI	76	North-West	1.6	East	160	1892
unnamed	MIDDLETON MAIN	Coal	6YOH	87	Beneath Property	1.4	East	160	1890
unnamed	MIDDLETON MAIN	Coal	6YOI	87	North-West	1.4	East	160	1893

## Probable unrecorded shallow workings

Yes.

## Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

## Mine entries

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Shaft	424424-001	424151 424679	was filled and capped at rockhead in April 1974.	Coal	
Adit	424424-009	424137 424636	Treatment details unknown.*	Coal	

\*For your information, before the coal industry was nationalised in 1947, there was no requirement for a mine operator to record mine entry treatment details when a mine was abandoned. Therefore, it is not unusual for us to have no treatment details for many of the 176,000 recorded mine entries on our database. Despite this lack of information, please be assured that the fact we have no treatment recorded does not necessarily mean that the mine entry was left untreated when abandoned.

### Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

8420	12673	8417
CT16	M522	FGB759
12675	PO0	3105

Our records show we have more plans than those shown above which could affect the enquiry boundary.

**Please contact us on 0345 762 6848** to determine the exact abandoned mine plans you require based on your needs.

### Outcrops

No outcrops recorded.

### Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

### Opencast mines

None recorded within 500 metres of the enquiry boundary.

### Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

## Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

### Site investigations

None recorded within 50 metres of the enquiry boundary.

### Remediated sites

None recorded within 50 metres of the enquiry boundary.

### Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

### Mine gas

None recorded within 500 metres of the enquiry boundary.

### Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

## Section 3 – Licensing and future mining activity

### Future underground mining

None recorded.

### Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

### Court orders

None recorded.

### Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

### Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

### Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

## Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

### Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

**MINE GAS:** Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

### Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

**For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at [groundstability@coal.gov.uk](mailto:groundstability@coal.gov.uk).**

## Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at [groundstability@coal.gov.uk](mailto:groundstability@coal.gov.uk)**.

### Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

### Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

### Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

### Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

### Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

### Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

### Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

### **Opencast mines**

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

### **Coal Authority managed tips**

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

### **Site investigations**

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

### **Remediated sites**

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

### **Coal mining subsidence**

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

### **Mine gas**

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

### **Mine water treatment schemes**

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

### **Future underground mining**

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

### **Coal mining licensing**

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

### **Court orders**

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

### **Section 46 notices**

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

### **Withdrawal of support notices**




Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

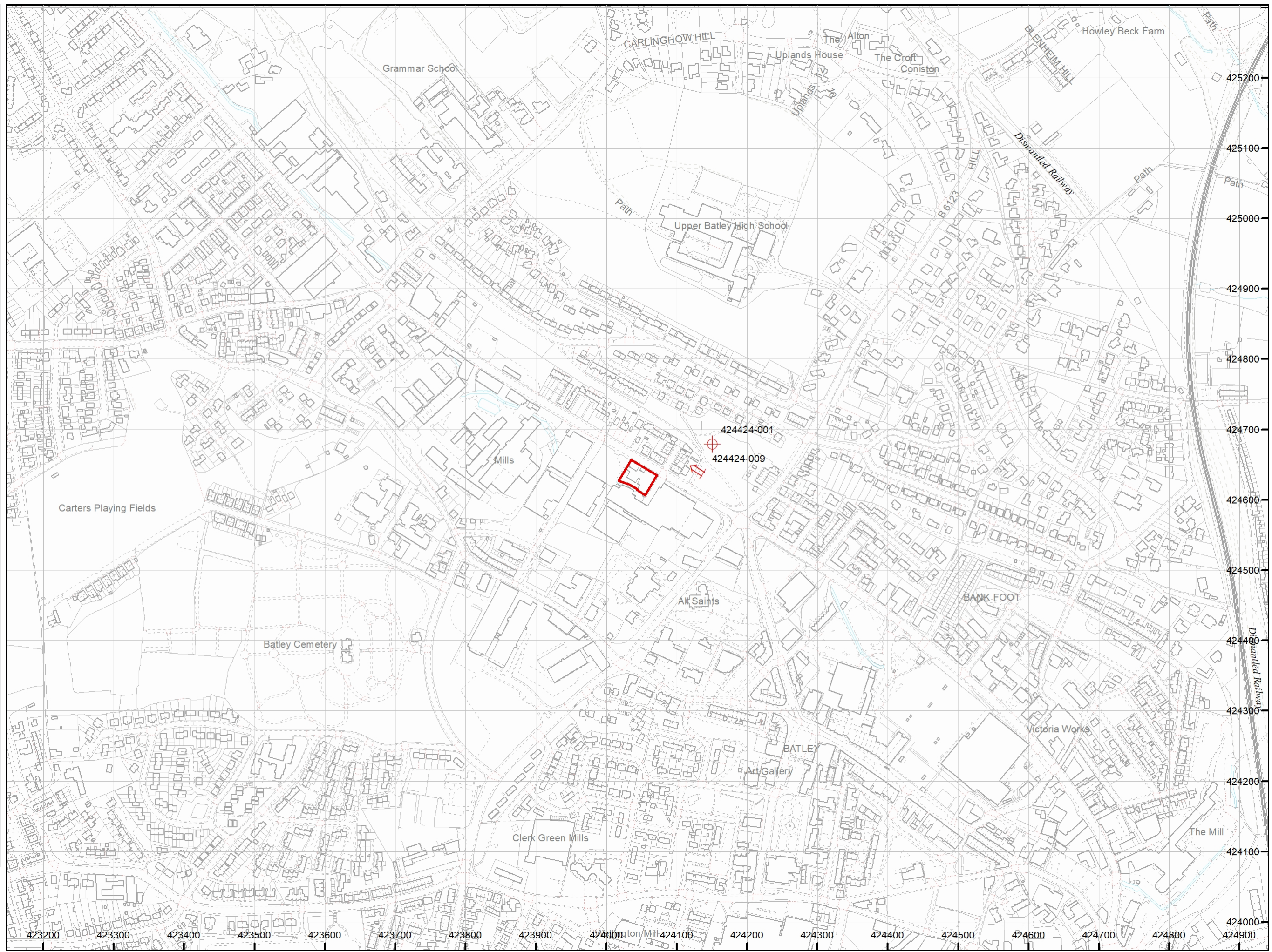
### **Payment to owners of former copyhold land**

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

**Key**

- Approximate position of the enquiry boundary shown 
- Disused mine shaft 
- Disused adit 



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