

COAL MINING RISK ASSESSMENT

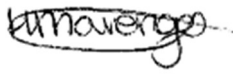
**STABLES & EQUESTRAIN LAND OFF HARDMAN
STREET, RADCLIFFE, BURY**

**FOR
MR K. MCMINN & MS. S. LOWE**

JULY 2025



Document Assurance Form

PROJECT NAME	STABLES & EQUESTRAIN LAND OFF HARDMAN STREET, RADCLIFFE, BURY
CLIENT	MR K. MCMINN & MS. S. LOWE
SITE LOCATION	STABLES & EQUESTRIAN LAND OFF HARDMAN ST, RADCLIFFE, BURY
REPORT NAME	COAL MINING RISK ASSESSMENT
REPORT REFERENCE	CMRA/1017/00
PROGRESS REPORT	FINAL
ISSUE DATE	JULY 2025
REVISION	00
SIGNATURE	
AUTHOR	HOLLIE MARENGO

Disclaimer

This Coal Mining Risk Assessment is based on available data at the time of the evaluation and reflects site conditions as assessed during the investigation. While the findings are provided in good faith, changes in environmental, geological, or operational conditions may affect their validity. The results depend on the accuracy of the provided data, and unaddressed site conditions may exist.

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Introduction

Objectives

Marengo Engineering & Geotechnical (MEG) have been appointed by Mr K. McMinn and Ms S. Lowe to undertake a Coal Mining Risk Assessment (CMRA) Report for a site off Hardman Street, Radcliffe, Bury M26 4GY in which they intend to redevelop.

A CMRA is necessary for a planning application within a designated 'Coal Mining Development High Risk Area. These areas, identified based on Coal Authority records, are places where potential for land instability and other safety risks due to past coal mining activities are highest. This includes areas with known or suspected coal mining, recorded mine entries and sites of former surface mining.

In accordance with both the Government and Mining Remediation Authority guidelines, the purpose of a CMRA is to:

-  Conduct a comprehensive desk-based review of all applicable information regarding coal mining issues relevant to the development site. Utilising this information further to fully assess and identify any risks posed by the coal mining legacy to the proposed development, including cumulative impacts.
-  Recommend suitable mitigation strategies to tackle the coal mining legacy issues impacting the site, potentially encompassing required remedial works, or illustrate how the coal mining issues have shaped the proposed development.
-  Provide assurances to the Local Planning Authority that the development site is or can be rendered safe and stable in accordance with the national planning policy for the construction and development on unstable land.



Site Location & Description

The development site is located roughly 1.80km east of Radcliffe Town Centre, bound to the west a small informal road, to the north by an electricity pylon, the south by a stable block and yard and to the east by farmland. The centre of the site is located at the approximate National Grid Reference SD 77812 08936, covering an area of circa 0.15 hectares. The location of the site is shown in figures 1 below.

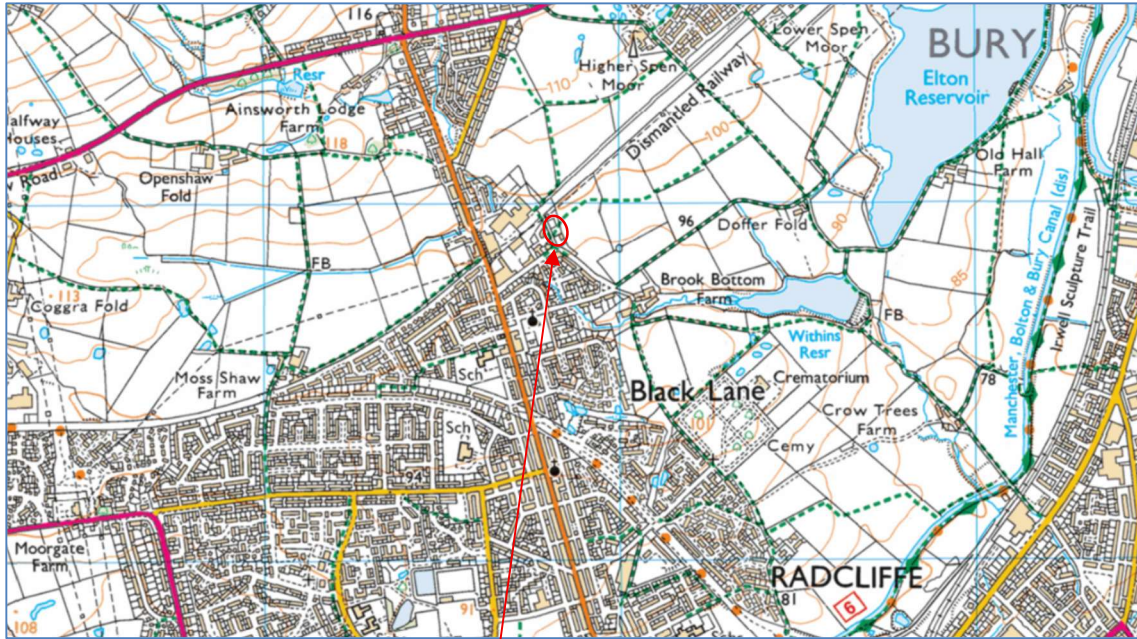


Figure 1: Site Location (Ordnance Survey Mapping)

The southern portion of the site comprises two stable buildings of differing sizes, arranged around a central courtyard area, with an access track extending northwards. The northern section of the site is occupied by a ménage, which is bounded to the east by the access track and an adjacent area used for the storage of horse boxes and trailers.

A large electricity pylon is located towards the northern boundary of the site. The surrounding land use includes agricultural fields to the east, a barn-style structure with associated parking to the south, and a residential property immediately to the west.

Development Proposals

The proposed development layout (Drawing No. 4313-24-10B, dated August 2024) outlines the construction of two distinct residential property types. Type 1 is located in the southern part of the site and comprises three two-bedroom terraced/mews-style dwellings. These units will feature dedicated vehicular parking and soft landscaped garden areas to the east. Type 2, positioned towards the northern section of the site, consists of two three-bedroom semi-detached properties, also incorporating vehicular access and soft garden areas. In addition, a designated area in the north-western corner of the site is allocated for the construction of a stable block with an associated stable yard.



Information Audit

Resource Materials

MEG has obtained and assessed details from the sources listed below:

-  Mining Remediation Authority Consultants Coal Mining Report (reference: 51003508820001, dated 1st July 2025).
-  Mining Remediation Authority List of Combustible Seams.
-  Available historical mapping.
-  Available historical boreholes within the vicinity of the site.
-  Review of Published BGS Geological Mapping, including
 - Geological Survey of England & Wales, Lancashire Sheet LXXXVII S.E. (E)

Geology

Made Ground / Artificial Deposits

Available Geological mapping does not indicate that either the site or surrounding area is underlain by artificial or made ground.

Superficial Deposits

The underlying superficial deposits are recorded as glacial till, an unsorted and unstratified, unconsolidated drift consisting of a heterogenous mixture of clay, sand and gravel with occasional boulders of varying size.

Bedrock

The underlying bedrock belongs to the Pennine Lower Coal Measures Formation, commonly recorded as interbedded grey mudstone, siltstone and a pale grey sandstone, with numerous and thicker coal seams in the upper part of the formation.

Coal Mining Risk Assessment

A Consultants Report has been obtained from the Coal Mining Remediation Authority, with a summary of the report detail in Table 1.

Table 1: Summary of Consultants Coal Mining Report

Section 1 - Mining Activity & Geology

Past Underground Mining	Yes
<i>Details of all recorded underground mining relative to the site boundary. Only past underground workings where the boundary is within 0.7 times the depth of the workings allowing for seam inclination.</i>	The Wigan Four Feet Seam is detailed as lying beneath the property at a depth of 17m, alongside the Cannel Seam at a depth of 147m beneath the property.
Probably Unrecorded Shallow Workings	Yes
<i>Areas where there is believed to unrecorded coal workings that exist at or close to the surface <30.00m</i>	



Spine Roadways at Shallow Depth <i>Connecting roadways either working to working or surface to working, both in-seam and cross measures that exist at or close to the surface, within 10m of the search boundary.</i>	No No spine road recorded at shallow depth
Mine Entries Any shaft or adit within 100m of the search boundary.	Yes Shaft 377408-003 is situated a minimum 50m west of the development site. Treatment details are unknown. Shaft 377408-004 is situated a minimum 32m west of the development site. The shaft was found in May 2017, filled and capped at rockhead with a 8.8m diameter 0.6m thick cap of reinforced concrete. Shaft 377408-005 is situated a minimum of 20m south west of the development site. Treatment details are unknown
Abandoned Mine Plan Catalogue Numbers <i>Plan numbers extracted from the abandoned mine catalogues containing details of coal or other mineral abandonment plans.</i>	Yes PO0 NW1148 1620 1200 NW1150
Outcrops <i>Seam outcrops including where in the search boundary, with a conjectured or actual seam outcrop location.</i>	No No outcrops recorded
Geological Faults, Fissures & Break lines <i>Geological disturbances or fractures in the bedrock. In some circumstances, faults, fissures and breaklines have been known to contribute to surface subsidence as a consequence of underground coal mining.</i>	No No faults, fissures or breaklines.
Opencast Mines <i>Site in which coal has been removed in the past by opencast / surface methods.</i>	No None recorded within 500m of search boundary.
Coal Authority Managed Tips <i>Location of disused colliery tips owned and managed by the Mining Remediation Authority, located within 500m of the search boundary.</i>	No None recorded within 500m of search boundary.
Section 2 – Investigation or Remedial Activity	
Site Investigations <i>Details of site investigations within 50m of the search boundary where the Mining Remediation Authority have received information relating to coal mining risk or remediation by third parties.</i>	Yes Investigations have taken place 1.30m south east and 3.50m south west.
Remediated Sites <i>Site where the Mining Remediation Authority have undertaken remediation works within 50m following a report of a hazard to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.</i>	No None within 50m of the search boundary.
Coal Mining Subsidence <i>Details of alleged coal mining subsidence claims made since 31st October 1994, within 50m of the search boundary.</i>	No The Coal Authority have not received a damage notice or claim since 31 st October 1994.
Mine Gas <i>Reports of alleged mine gas emissions received within 500m of the search boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emissions.</i>	No None recorded within 500m of the search boundary.



Mine Water Treatment Schemes	No
<i>CA Constructed or operates assets that remove pollutants from mine water before being discharged into the receiving water body.</i>	None recorded within 500m of the search boundary.
Section 3 – Licensing & Future Mining Activity	
Future Underground Mining	No
<i>Details of planned underground mining relative to search boundary.</i>	None recorded.
Coal Mining Licensing	No
<i>Details of all licenses within 200m of the search boundary for either surface coal mining, underground coal mining or underground coal gasification.</i>	None recorded within 200m of the search boundary.

A review of the geology underlying the proposed development site indicates relatively uniform ground conditions within the immediate vicinity and adjacent surrounding area, as shown in Figure 2.

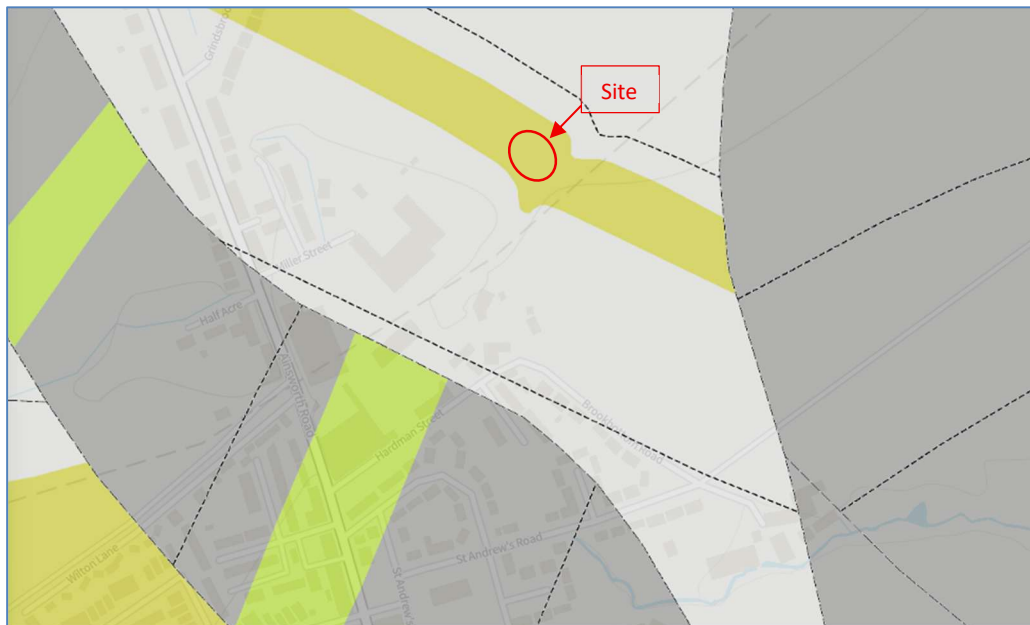


Figure 2: Extract taken from BGS mapping.

Multiple lines of evidence suggest the presence of historic coal mining activity in proximity to the site, with implications for ground stability and development risk.

The Five Quarter Mine, also known as the Yard Mine, is recorded as potentially outcropping approximately 50m to the south-west of the site. While no specific data regarding the dip or dip direction of this seam is available, its proximity raises the possibility of shallow or unrecorded workings.

Further evidence is provided by records associated with Black Lane Colliery, shown on Figure 3, which is believed to correspond with Shaft Reference 377408-003. Historical data indicates that this shaft intersected the Wigan Four Feet Mine (also referred to as the Hell Hole Mine) at a depth of approximately 38m below ground level. The Consultants Report from the Coal Authority further identifies the Wigan Four Feet seam as underlying the site at a depth of approximately 17m. Based on the relative position of the shaft and the site, this suggests a dip of between 10° and 20° to the south-west.



Additional information from the Coal Authority confirms that previous site investigations have been undertaken in areas located between 1.30m south-east and 3.50m south-west of the current site. These investigations, which align with areas of prior interest, included boreholes drilled to depths of up to 40m below ground level. In one area, rockhead was encountered at 6.00m, with intact coal recorded at 31.00m. In another, three boreholes were drilled—two to 8.00m and one inclined to 12.00m at 45 degrees. These findings support an estimated rockhead depth of approximately 6.00m across the site.

By synthesising the above data, it is reasonable to estimate that the Wigan Four Feet seam lies at a depth of approximately 23.00m below existing ground level at the site.

When considered alongside the potential for unrecorded shallow workings and the lack of definitive seam dip data for the Five Quarter Mine, this evidence collectively supports the need for further intrusive investigation. Such works are essential to confirm the presence, depth, and condition of any coal seams or workings beneath the site, and to assess their potential impact on the safety and viability of the proposed development.

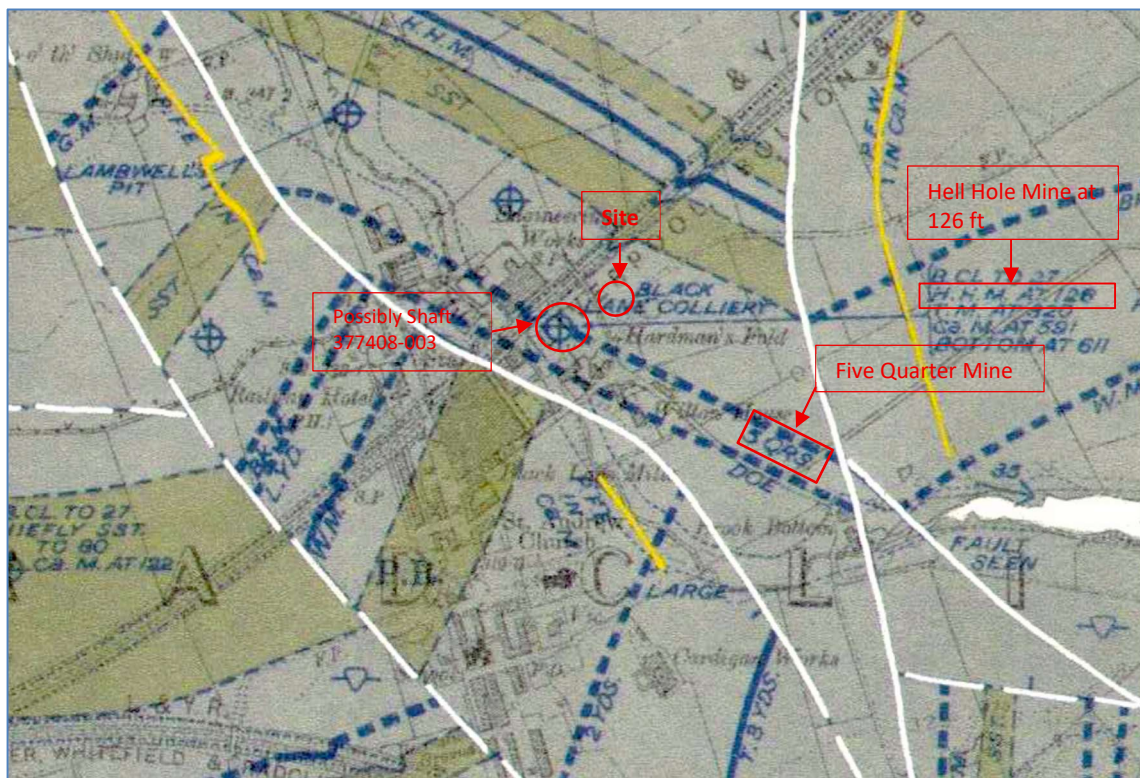


Figure 3 Extract taken from the Geological Survey of England & Wales, Lancashire Sheet LXXXVII S.E. (87 S.E.)

Assessment of Historical Mine Shafts

A review of the Consultant's Report from the Coal Authority identifies three recorded mine entries within a 100m radius of the site boundary. Shaft Reference 377408-004 is confirmed to have been treated and capped in May 2017. The remaining two entries are located more than 20m from the proposed development boundary and, based on their distance and available information, are not considered to present a significant risk to the proposed development.



Conclusions & Recommendations

The site is situated within a High Risk Development Zone, as designated by the Mining Remediation Authority. Consequently, a Coal Mining Risk Assessment has been conducted to comprehensively evaluate potential risks associated with historical mining activities.

Ground Investigation Requirements

Based on a review of all available data and in accordance with guidance provided in CIRIA C758, the site is assessed to be at high risk from historical mining activity. The Coal Authority Consultant's Report indicates the likely presence of unrecorded shallow workings, in addition to the Wigan Four Feet seam located approximately 17m into the bedrock beneath the site.

In light of these findings, it is recommended that a site investigation programme be undertaken, including:

Rotary drilling across the site to determine:

- ✎ Depth and thickness of coal seams
- ✎ Evidence of shallow workings
- ✎ Presence of any previous treatment works
- ✎ Depth to competent rock head

Should shallow workings or coal seams be confirmed at depths that pose a risk, a programme of ground gas monitoring and a detailed gas risk assessment should be carried out in accordance with CIRIA C665 and CL:AIRE guidance on Coal Mine Gas Emissions.

It is also noted that a Coal Authority Permit will be required for any intrusive works that intersect coal seams, mine workings, or mine entries (including shafts or adits).

Site Monitoring & Supervision During Groundworks

It is recommended that a watching brief be implemented during all groundworks within coal mining areas. On low-risk sites, this may be undertaken by experienced site personnel. However, for high-risk sites such as this one, due to the presence of known mine entries, a suitably qualified coal mining engineer or consultant should oversee the works.

The watching brief should be maintained throughout all earthworks, reduced level excavations, and foundation construction. The primary objective is to identify any indicators of shallow coal mining hazards that may not have been previously recorded.

Potential indicators include, but are not limited to:

- ✎ Unexplained ground depressions or voids
- ✎ Outcropping coal seams
- ✎ Localised deep Made Ground, which may suggest backfilled subsidence features, crown holes, or unrecorded mine entries
- ✎ Unexpected man-made materials at depth, such as brickwork, concrete, timber, or steel



Mine entries may present during excavation as circular, square, or rectangular zones of deep Made Ground, typically several metres in diameter, contrasting with surrounding natural strata (e.g., Glacial Till or weathered rock). In some cases, mine shafts may be capped with large concrete slabs.

If any such features are encountered during development, all works should cease immediately. A qualified mining engineer or consultant must assess the findings and, if necessary, design and implement further investigation or remediation measures.

Conclusion

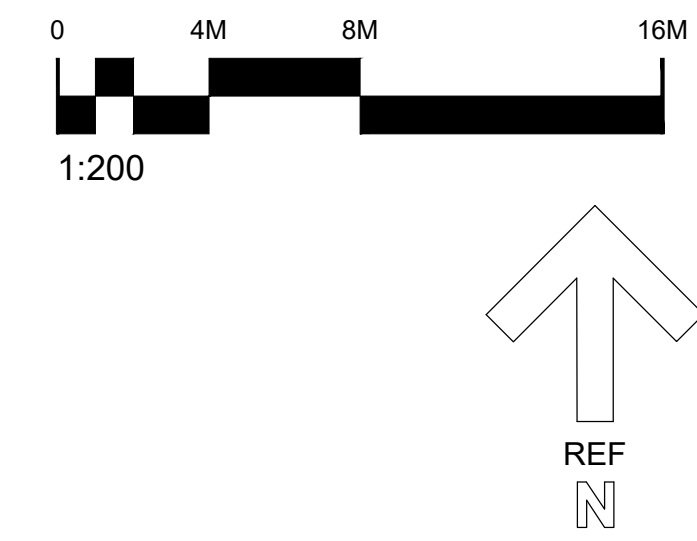
The site is located within a designated High Risk Development Area due to its proximity to historical coal mining features, including probable shallow underground workings. Based on the findings of this assessment, intrusive investigation works are required to confirm the presence, depth, and condition of any coal seams, workings, or mine entries, as well as to assess the potential for mine gas emissions.

A watching brief should also be maintained during all groundworks to identify any unrecorded mining features. Should any such features be encountered, works must be paused to allow for professional assessment and, if necessary, further investigation or remediation.

Appendix A

Proposed Development Plans





**TYPE 1 - 2BED TERRACE/MEWS
DWELLING 76sqm (818sqft)**
(TECHNICAL HOUSING STANDARDS 70sqm)

**TYPE 2 - 3BED SEMI-DETACHED
DWELLING 120sqm (1292sqft)**
(TECHNICAL HOUSING STANDARDS 93sqm)

B	02-07-25 /JS	EV charging shown, amendments to Type 1 label		
A	28-10-24 MAS	Amendment to site boundary		
Revision	Date / Initials	Amendments		
Client	MR K McMINN			
Project	RESIDENTIAL DEVELOPMENT STABLES AND EQUESTRIAN LAND AT HARDMAN STREET RADCLIFFE			
Drawing Title	PROPOSED SITE PLAN			
Drawing No.	4313-24-10B		Drawn By	TPS
Scale	1:200 A2	Date	13 AUG 24	
Issue	SKETCH DESIGN			

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Appendix B

Coal Authority Consultants Report





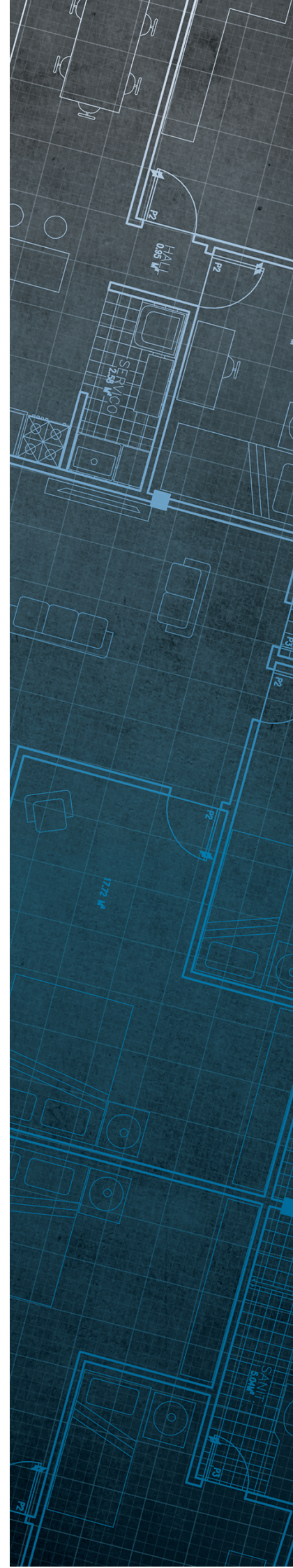
The Coal
Authority

Consultants Coal Mining Report

Stables & Equastriant Land Off
Hardman Street, Radcliffe, Bury
Greater Manchester
M26 4GY

Date of enquiry: 7 July 2025
Date enquiry received: 7 July 2025
Issue date: 7 July 2025

Our reference: 51003510109001
Your reference: GS-VMW-119-EOL-GRT



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

GROUNDSURE LIMITED

Enquiry address

Stables & Equastriant Land Off Hardman Street,
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Greater Manchester
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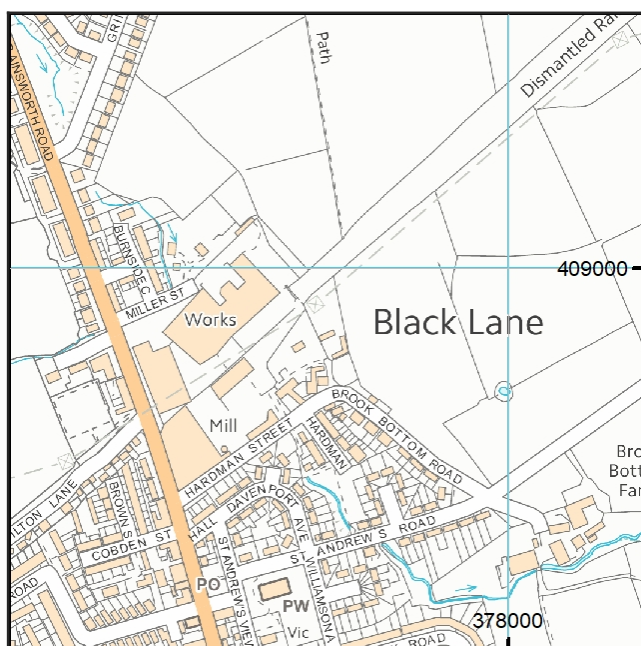
www.groundstability.com

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Approximate position of property



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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	WIGAN FOUR FEET	Coal	3Y8M	17	Beneath Property	8.0	South-West	100	1900
unnamed	CANNEL	Coal	3Y5Q	147	Beneath Property	8.0	South	150	1908
unnamed	CANNEL	Coal	3Y5R	165	South	8.0	South	150	1908

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	377408-003	377757 408918	Treatment details unknown.*	Coal	
Shaft	377408-004	377776 408903	May 2017 shaft found filled and capped at rockhead with 8.8m diameter, 0.6m thick cap of reinforced concrete by REFA Consulting Engineers.	Coal	
Shaft	377408-005	377802 408890	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 entries were 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:

PO0	NW1148	16820
1200	NW1150	

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

Distance to site investigation (m)	Direction
3.5	South-West
1.3	South-East

See Section 4 for further information.

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.

Site investigations

The site is within an area of previous interest. It is close to where the Coal Authority has received information relating to past site investigations.

The site requires further investigation and may influence how you approach your risk assessment.

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.

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**.

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.

Appendix C

Coal Authority Summary of Findings Map



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

