



**advant**  
ENGINEERS

**14 THORNHILL PARK AVENUE  
DEWSBURY  
WF12 0DA**

**COAL MINING RISK ASSESSMENT**

**27<sup>th</sup> November 2025**

**Issue Sheet.**

Prepared	Date		Checked	Date
GVR	27-11-25		M M	27-11-25

Revisions	Comment	Date
A	Initial Issue	27-11-25

The report is based on the information that has been acquired and / or made available to Advant Engineers via the various searches and consultations undertaken as part of the Flood Risk Assessment. In some cases, anecdotal information has been relied upon, where documented evidence has been lacking.

The conclusions drawn in the above report are considered correct although any subsequent additional information may allow refinement of the conclusions.

All work carried out in preparing this report has utilised and is based upon Advant Engineers current professional knowledge and understanding of current UK standards and codes, technology and legislation. Changes in this legislation and guidance may occur at any time in the future and cause any conclusions to become inappropriate or incorrect.

This report has been prepared using information contained in maps and documents prepared by others. Advant Engineers can accept no responsibility for the accuracy of such information.



27<sup>th</sup> November 2025

by email only

**Re: G-25-038 14 Thornhill Park Avenue, Dewsbury, WF12 0DA – Coal Mining Risk Assessment**

### **Introduction**

GVR Geoservices Limited (GVR Geo) was commissioned by Advant Consulting Group Limited (Advant) on behalf of Mr Amir (The Client) to undertake a coal mining risk assessment (CMRA) in support of a planning application for the proposed alterations to an existing detached dwelling located at the above site. A site location plan is presented as Drawing No. G-25-038-001 in Appendix A.

The existing and proposed site layouts are presented in DK Architects Drawing Nos. 25.2796 01A and 02A respectively in Appendix A.

This report presents the data reviewed, published geology, evidence for coal mining history and provides an assessment of the risk that this poses to the proposed development with recommendations for further assessment works, as required.

### **Limitations**

This report is based on and limited to an assessment of the resultant information obtained by GVR Geo. This report is prepared for the sole use of Advant, The Client and their agents only and should not be relied upon by any third parties without the written permission of GVR Geo. If any unauthorised third party comes into possession of this report, they rely on it at their own risk and the authors do not owe them any Duty of Care or warranty of Skill. This report is based on and limited to an assessment of the information and ground conditions identified here. GVR Geo is not responsible for ground conditions not revealed during these investigations.

### **Objectives**

The purpose of this report is to:

- Present a desk-based review of available information of the coal mining issues which are relevant to the application site;
- Use that information to identify and assess the risks to the proposed development from coal mining legacy;

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GVR Geoservices Ltd

Company Registration No. 12773474

VAT Registration No. 358 2305 00

[gvrgeo.co.uk](http://gvrgeo.co.uk)



- Set out appropriate mitigation measures to address the coal mining legacy issues affecting the site; and to
- Demonstrate to the local planning authority that the application site is, or can be made, safe and stable to meet the requirements of national policy with regards to development on unstable land, if required.

### **Geological Appraisal**

The following sources of information have been obtained or referred to in compiling this report:

1. Mining Remediation Authority (MRA) Consultants Coal Mining Report (ref: 51003539390001) dated 20 November 2025 (provided in Appendix B).
2. MRA online - Interactive Map Viewer.
3. BGS 1:10,000 geological map, Sheet SE21NW Grange Moor (Solid and Drift), 1999 (via BGS online viewer).
4. BGS Geoindex - Online GIS System ([www.bgs.ac.uk/geoindex/home.html](http://www.bgs.ac.uk/geoindex/home.html)), including historic borehole records.
5. National Library of Scotland online historic ordnance survey maps.  
Preliminary risk assessment report on contamination and mining risks, for Mr Alam, 14 Lodge Farm Close, July 2012, Structural Soils Limited, report No. 762413. Further historical map evidence of land use over the site area.

A review of the available geological data indicates the site to be directly underlain by solid geology comprising strata of the Pennine Lower Coal Measures Formation which includes undifferentiated siltstone, mudstone, sandstone and coal seams. There are no drift deposits recorded to underlie the site. The dip of the strata is sub-horizontal (approx. 2°) towards the south east.

The BGS map Sheet SE21NW (1999) indicates the Flockton Thin coal seam to subcrop 80m south east of the site and as the dip of strata is towards the south east, this seam does not underlie the site.

Based on the BGS information the sequence of the shallowest coal seams underlying the site are summarised in the table below:

<b>Seam Name</b>	<b>Recorded Thickness (m)</b>	<b>Inferred Depth (m bgl)</b>
Unnamed	0.0-0.9	6
First Brown Metal Coal	0.3-0.7	24
Second Brown Metal/Old Hards Coal	0.3-0.7	36



### BGS Boreholes

There are no BGS historic borehole records within 100m of the site. The following boreholes are located between 285m and 310m of the site to the south and south west.

BGS Borehole Ref.	Location relative to site	Details
SE21NW219-221	285m S	Borehole 219 – Coal seam and possible workings at 16.6 to 18m bgl. Borehole 220 – Coal seam 17 to 18m bgl. Borehole 221 – Shale/coal and seatearth 16.6 to 17m bgl. These boreholes are located to the south of the Flockton Thin Coal subcrop and likely to represent coal/workings in this seam. However, this seam is not recorded to underlie the site.
SE21NW287	300m SW	Thin coal and possible workings recorded at 8.5 to 9.0m bgl.
SE21NW188	305m SW	Coal seam recorded at 12 to 12.8m bgl.
SE21NW288	310m SW	Coal seams recorded at 8.25 to 8.95m bgl and 9.5 to 9.75m bgl.
SE21NW137	382m WSW	No coal seam recorded from ground level to the base of the borehole at 19m bgl.

These boreholes are located to the south of the Flockton Thin Coal subcrop and likely to represent coal/workings in this seam, which extends away from the site, as this seam does not underlie the site. Borehole SE21NW137 is located along the geological strike line of the strata beneath the site and does not encounter coal seams. This indicates that the Unnamed coal in the table above is locally absent, as indicated on the BGS stratigraphic column, and that no further coal seams underlie the site at a depth of up to 19m bgl.

### Historical Map Information

Historical Ordnance Survey maps available on the National Library of Scotland's website for surveys dated 1850-1851, 1888-1892, 1905, 1930-1931, 1938 and 1948 have been reviewed for historic information on past mining activities within the vicinity of the site. This has indicated the following:

Map Date	On Site	Adjacent Land
1850-1851	Agricultural fields. No evidence of coal working.	Possible colliery 830m NNE. Coal pits 1100m SW.
1888-1892, 1905, 1930-31, 1938 and 1948.	Agricultural fields. No evidence of coal working.	Combs Colliery 670m SSE. Ingham's Pit 740m SW.



### **Mining Remediation Authority Information**

In summary, the MRA report concludes:

- 2 seams of coal worked at depths of 65 and 280m beneath the site.
- There are probable unrecorded shallow workings that may have been worked at some time in the past.
- No spine roadways recorded at shallow depth.
- No mine entries within 100m of the site boundary.
- There is a workable coal outcrop 5.4m north of the site, named the Low Fenton seam (an alternative name for the Second Brown Metal seam named on BGS map SE21NW).
- No opencast coal extraction within 500m.
- No CA damage notices or claims on site or within 50m of the boundaries since 1994.
- No record of a mine gas within 500m of the site boundary.
- The property is in an area where a notice to withdraw support was given in 1948.

The MRA online Viewer records the following:

- The site lies within a development high risk area.
- The site lies within an area of probable shallow mine workings.
- Nearest mine entries to the site are 3 No. adits 190m SSW, 310m SW and 340m SW which extend away from the site as detailed below:
  - Ref: 424419-004, 190m SSW, Adit recorded to extend 150 degrees to the SSE.
  - Ref: 424419-001, 310m SW, Adit recorded to extend 158 degrees to the SSE.
  - Ref: 424419-003, 340m SW, Adit recorded to extend to 138 degrees (SE).
- A coal seam is recorded to subcrop 5 to 10m N of the site. However, a worked seam level given adjacent to this subcrop is -46m OD.

### **Coal Mining Risk Assessment**

The published BGS information and MRA report and online viewer provide conflicting information on the potential coal mining risks present at the site.

The BGS information indicates the site to be underlain by 2 coal seams at shallow depth, these being an Unnamed seam estimated at a depth of 6m and the First Brown Metal seam at a depth of 24m. These seams are further underlain by the Second Brown Metal seam which would underlie the site at an estimated depth of 36m bgl in accordance with the BGS information. However, the MRA information indicates the Low Fenton seam, another name for the Second Brown Metal, to subcrop 5.4m to the north of the site. This would require the Second Brown Metal to lie at much shallower depth than the BGS map shows.



Extracts of the BGS map SE21NW and the MRA map viewer are provided in Drawing Nos. G-25-38-002 and G-25-38-003 respectively. Comparison of BGS and MRA information indicates that the MRA data misinterprets the boundary between a sandstone bed and the undifferentiated coal measures strata as a coal seam outcrop. On this basis, and as the MRA report states that there are no recorded mining related subsidence incidents within 500m of the site, it is considered that the MRA report is in error with regard to the subcrop of the Low Fenton seam 5.4m NW of the site and that this seam is at much greater depth as recorded by the BGS information. Therefore, this risk assessment is based on the BGS map SE21NW information with regard to the coal seam strata sequence beneath the site. The map is dated 1999 and uses more recent borehole records in the area which intersect the Flockton Thin and Flockton Thick coal seams, so the positional accuracy of these seam outcrops should be good and relatively accurate.

Guidance provided in CIRIA C758D 'Abandoned mine workings manual' and CIRIA Report SP32 'Construction over abandoned mine workings' indicates that mineral instability at ground surface does not present a risk where the overlying rock cover thickness is >10 times the thickness of the underlying coal seam.

The shallowest coal seam assessed to underlie the site is an Unnamed coal with a thickness varying between 0m and 0.9m and underlies the site at a depth of approximately 6m. In accordance with the CIRIA guidance this would provide a rock cover to seam thickness ratio of 6.6 based on the maximum Unnamed coal seam thickness. However, BGS borehole record SE21NW137 382m WSW records no coal seams between ground level and 19m depth indicating that the unnamed seam is likely absent in this locality. Therefore, due to this seam's variable thickness and absence in some areas it is considered that the Unnamed coal seam is unlikely to have been economically viable for underground extraction. On this basis it is considered that the Unnamed seam does not present a risk of mineral instability at this site.

The First Brown Metal seam underlies the Unnamed coal at an estimated depth of 24m with a thickness of 0.3 to 0.7m. Based on a maximum thickness of 0.7m the rock cover to seam thickness ratio for this seam is calculated to be 34. Therefore, as this is greater than the CIRIA recommended >10 times ratio mineral instability due to any underground workings in the First Brown Metal seam is not considered to present a risk at ground surface to the proposed development.

Based on the BGS information the Second Brown Metal seam underlies the First Brown Metal seam at a depth of 12m and below the site at an estimated depth of 36m with a thickness of 0.3 to 0.7m. Based on a maximum thickness of 0.7m the rock cover to seam thickness ratio for this seam is calculated to be 51. Therefore, as this is greater than the CIRIA recommended >10 times ratio mineral instability due to any underground workings in the Second Brown Metal seam is also not considered to present a risk at ground surface to the proposed development.



### **Conclusions**

On the basis of the above, it is considered that the Unnamed coal at shallow depth is unlikely to have been economically viable for underground coal extraction and there is no evidence on historic maps of coal workings around this seam outcrop. The two further coal seams, the First Brown Metal and Second Brown Metal, are known to have been worked within the vicinity of the site, however their rock cover to seam thickness ratios beneath the site are significantly greater than the CIRIA recommended ratio of >10. On this basis, shallow coal mine workings are not considered to present a risk of mineral instability at the ground surface at this site and further investigation or mine consolidation works are not considered necessary.

Yours sincerely

Redacted

Dr Grant Richardson BSc, PhD, FGS

**Director**

For and on behalf of GVR Geoservices Limited



## **Appendix A**

### **Drawings**



**GVR Geoservices Ltd**  
37-38 Market Street, Ferryhill, DL17 8JH  
hello@gvrgeo.co.uk  
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**Job:** G-25-038

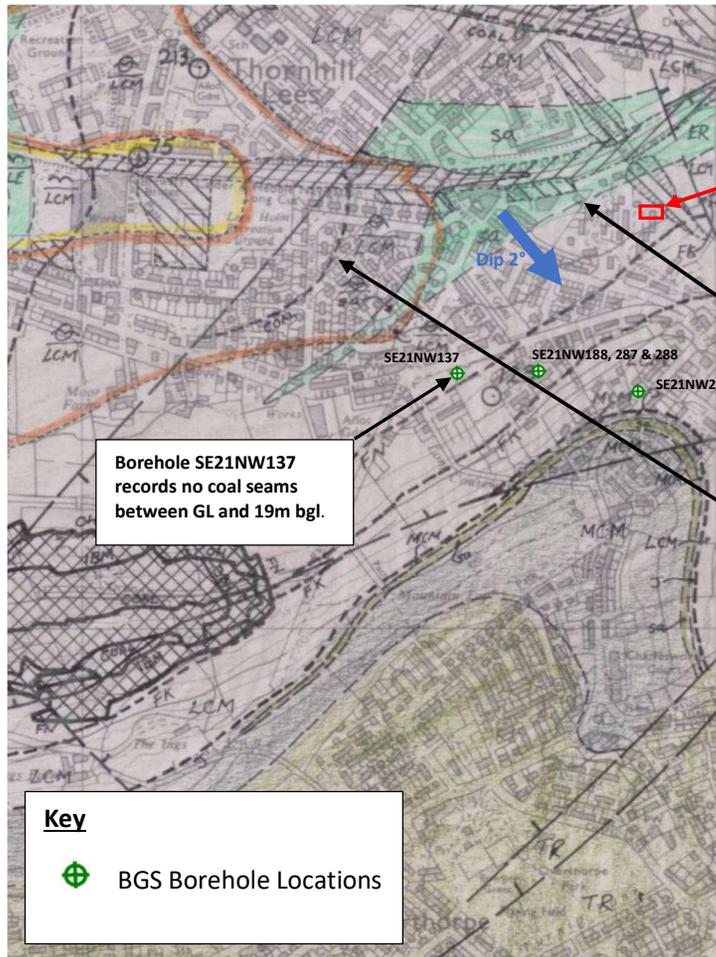
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Dewsbury

**Clients:** Advant Consulting Group Ltd  
and Mr Amir.

**Scale:** NTS

**Revision:** 0

**Drawing Number:**  
G-25-038-001



**THE SITE**

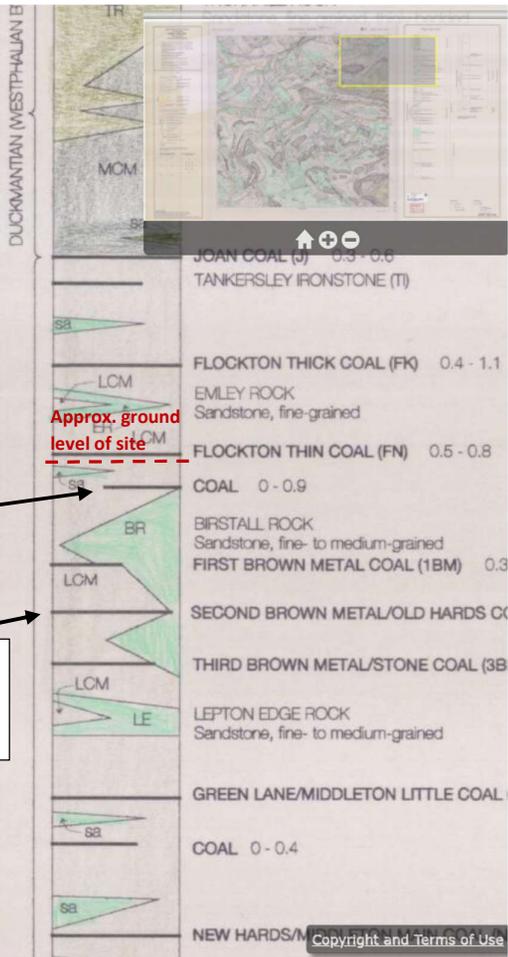
Geological boundary outcrop between sandstone and LCM strata NW of site – Not a coal seam outcrop.

Borehole SE21NW137 records no coal seams between GL and 19m bgl.

BGS recorded unnamed coal subcrops west of the site.

Second Brown Metal (Low Fenton) seam approx. 36m below the site. This seam is not recorded to subcrop within the region of the site.

**Key**  
 BGS Borehole Locations



Approx. ground level of site



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**Job:** G-25-038 14, Thornhill Park Avenue, Dewsbury

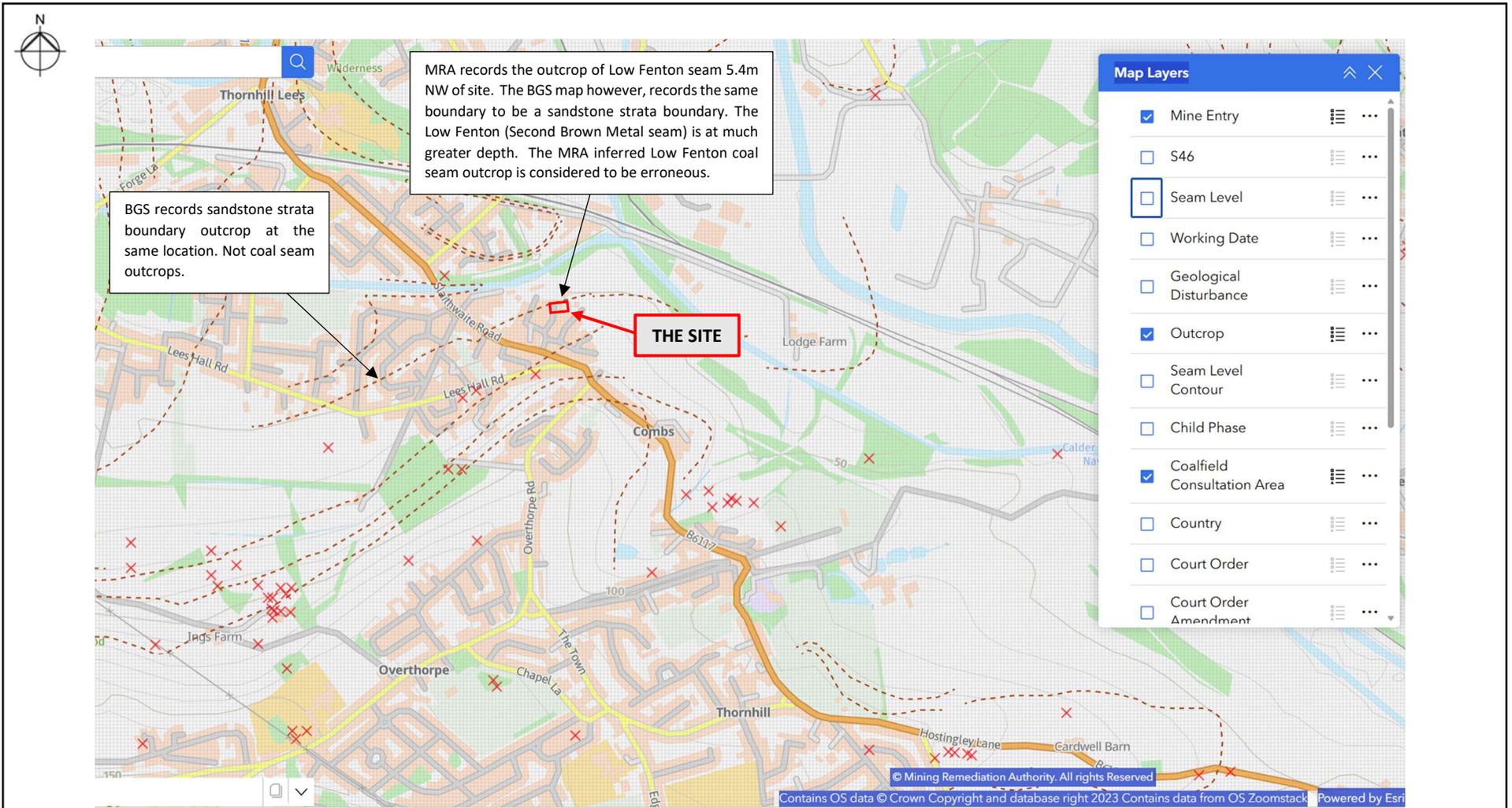
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**Title:** Extract from BGS 1:10,000 Scale Sheet SE21NW (1999)

**Revision** 0

**Client:** Advant Consulting Group Ltd and Mr Amir

**Drawing Number**  
 G-25-038-002



**GVR Geoservices Ltd**

37-38 Market Street, Ferryhill, DL17 8JH  
 hello@gvrgeo.co.uk  
 gvrgeo.co.uk

**Job:** G-25-038 14, Thornhill Park Avenue, Dewsbury

**Scale** NTS

**Title:** Extract from MRA online viewer

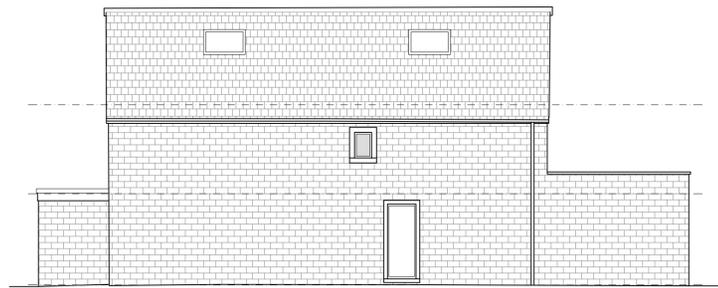
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**Client:** Advant Consulting Group Ltd and Mr Amir

**Drawing Number**  
G-25-038-003



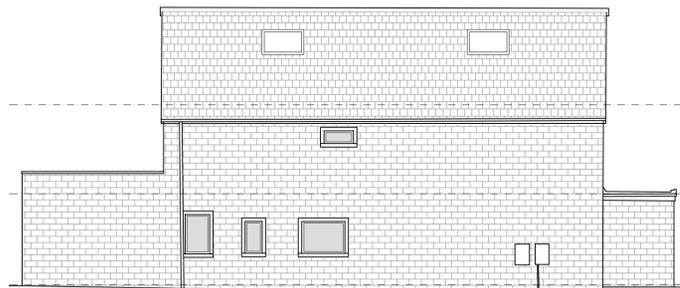
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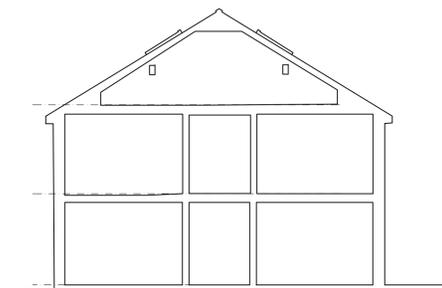
Side elevation



Rear elevation



Side elevation



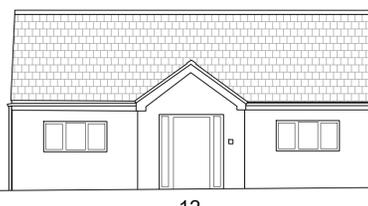
Section



14A



14

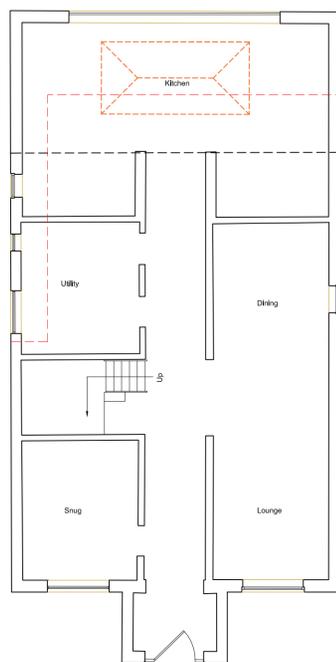
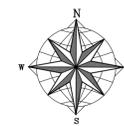


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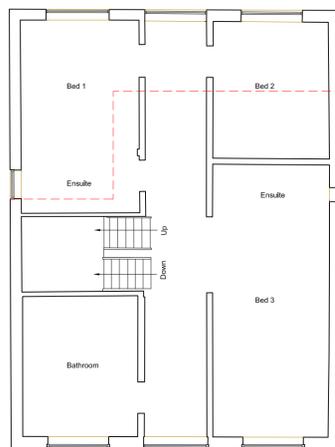


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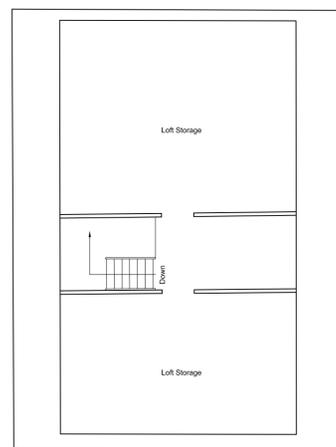
Street Scene - Thornhill Park Avenue



Ground Floor Plan



First Floor Plan



Second Floor Plan



Block Plan 1:500

LOCATION PLAN 1:1250

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PROJECT: EXTENSIONS AND ALTERATIONS TO DWELLING

ADDRESS: 14 THORNHILL PARK AVENUE DEWSBURY WF12 0DA

DRG: EXISTING PLANS & ELEVATIONS

STATUS: PLANNING APPLICATION subject to approval

DATE: 3.11.25 DRAWN: AHD  
SCALE: 1:50,100, 1250 CHECKED: ANK  
SIZE: A1 DRG NO: 25.2796.01A

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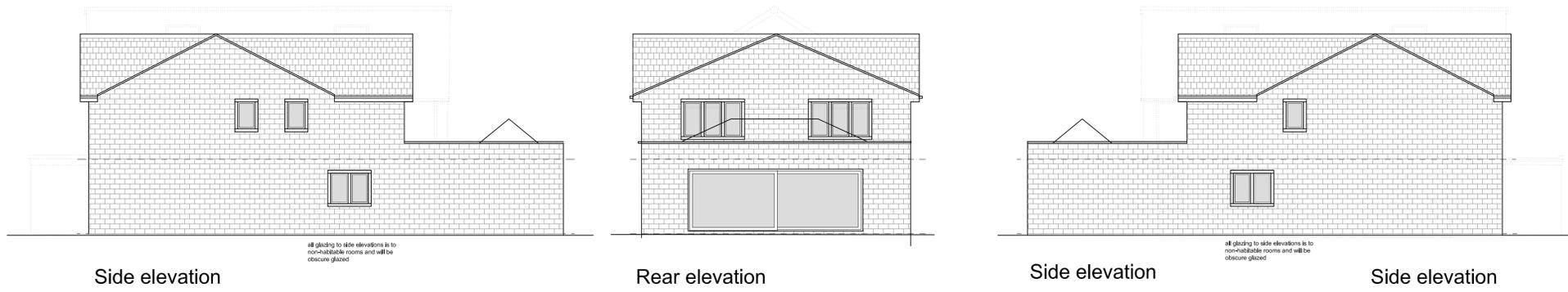
CLIENT TO ENSURE ALL PROPOSED WORKS ARE BUILT ON AND OVER OWN LAND; ENSURE FOUNDATION SPREAD AND SAVES OVERHANG DO NOT PROJECT OVER ADJACENT LAND OWNERSHIP. IF IN DOUBT CONSULT NEIGHBOUR AND OBTAIN LEGAL ADVICE.

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THE CLIENT & THE CONTRACTOR IS REMINDED OF THE PARTY WALL ACT 1996 AND TO APPOINT / OBTAIN SEPARATE LEGAL ADVICE FROM A PARTY WALL SURVEYOR TO ENSURE COMPLIANCE WITH THE LAW. NOTICES MAY REQUIRE SERVING ON THE ADJACENT OWNER/S PRIOR TO COMMENCEMENT. ENSURE NEIGHBOURS CONSENT IS OBTAINED WHERE WORKS ARE CARRIED OUT TO PARTY WALLS, PARTY FENCE WALLS, EXCAVATIONS ETC. APPOINTED PARTY WALL SURVEYOR TO FULLY ADVISE.

DK ARCHITECTS ARE NOT APPOINTED AS 'PRINCIPAL DESIGNERS' ROLE UNDER THE CDM HEALTH AND SAFETY REGULATIONS FOR THIS PROJECT, REFER TO CLIENT FOR FORMAL APPOINTMENT ROLES.



Side elevation

Rear elevation

Side elevation

Side elevation

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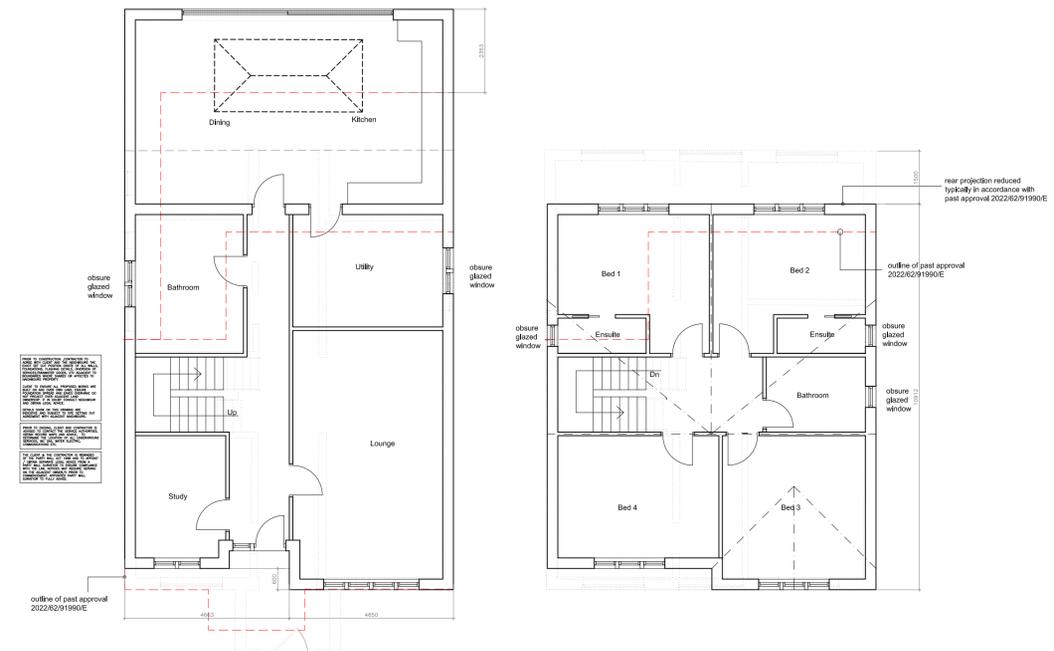
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Front Elevation Street Scene - Thornhill Park Avenue



Ground Floor Plan

First Floor Plan



Block Plan 1:500

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PROJECT: EXTENSIONS AND ALTERATIONS TO DWELLING
ADDRESS: 14 THORNHILL PARK AVENUE DEWSBURY WF12 0DA
DRG: PROPOSED PLANS & ELEVATIONS
STATUS: PLANNING APPLICATION subject to approval
DATE: 3.11.25 SCALE: 1:50,100, 1250 SIZE: A1
DRAWN: AHD CHECKED: ANK DRG NO: 25.2796.02A
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## **Appendix B**

### **Mining Remediation Authority Report**



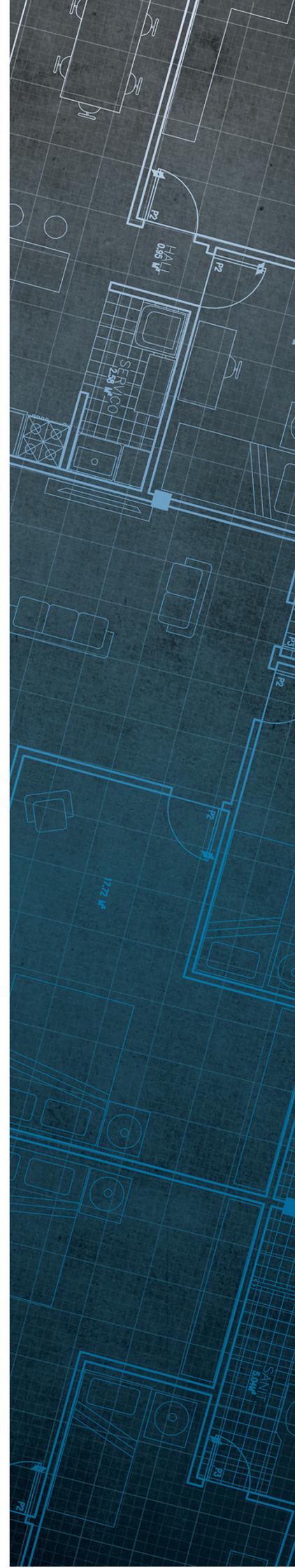
The Coal  
Authority

# Consultants Coal Mining Report

14 Thornhill Park Avenue  
Thornhill  
Dewsbury  
Kirklees  
WF12 0DA

Date of enquiry: 20 November 2025  
Date enquiry received: 20 November 2025  
Issue date: 20 November 2025

Our reference: 51003539390001  
Your reference: G-25-038



# 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

Grant Richardson

## Enquiry address

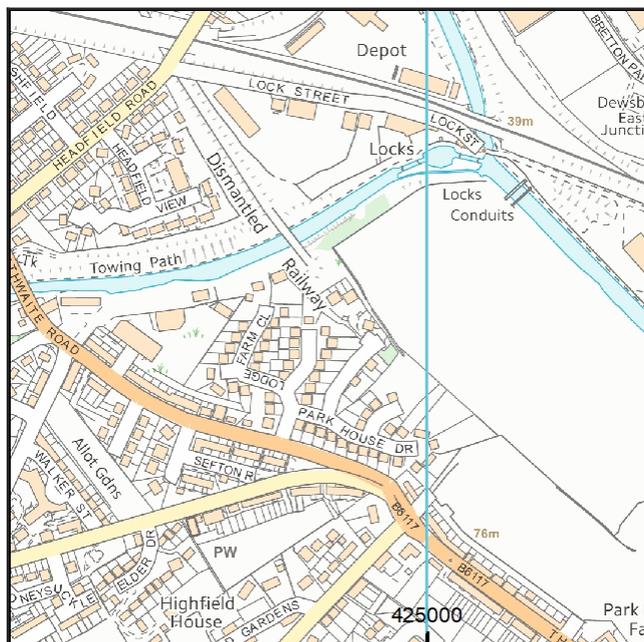
14 Thornhill Park Avenue  
Thornhill  
Dewsbury  
Kirklees  
WF12 0DA

## How to contact us

0345 762 6848 (UK)  
+44 (0)1623 637 000 (International)

200 Lichfield Lane  
Mansfield  
Nottinghamshire  
NG18 4RG

reports@miningremediation.gov.uk



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	MIDDLETON MAIN	Coal	6L4M	65	Beneath Property	2.3	South-East	76	1878
unnamed	BLACK BED	Coal	6HVH	280	Beneath Property	2.4	South-East	76	1915

## Probable unrecorded shallow workings

Yes.

## Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

## Mine entries

None recorded within 100 metres of the enquiry boundary.

## Abandoned mine plan catalogue numbers

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

NE774	NE773	GCR104
14331	2363	PO0
NE108	NE640	14475

For assistance in identifying the specific abandoned mine plans relevant to your requirements, **please contact us at [InformationManagers@MiningRemediation.gov.uk](mailto:InformationManagers@MiningRemediation.gov.uk)**.

## Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
LOW FENTON	Coal	Yes	5.4	North	74

## 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 email us at [reports@miningremediation.gov.uk](mailto:reports@miningremediation.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 **email us at [reports@miningremediation.gov.uk](mailto:reports@miningremediation.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**

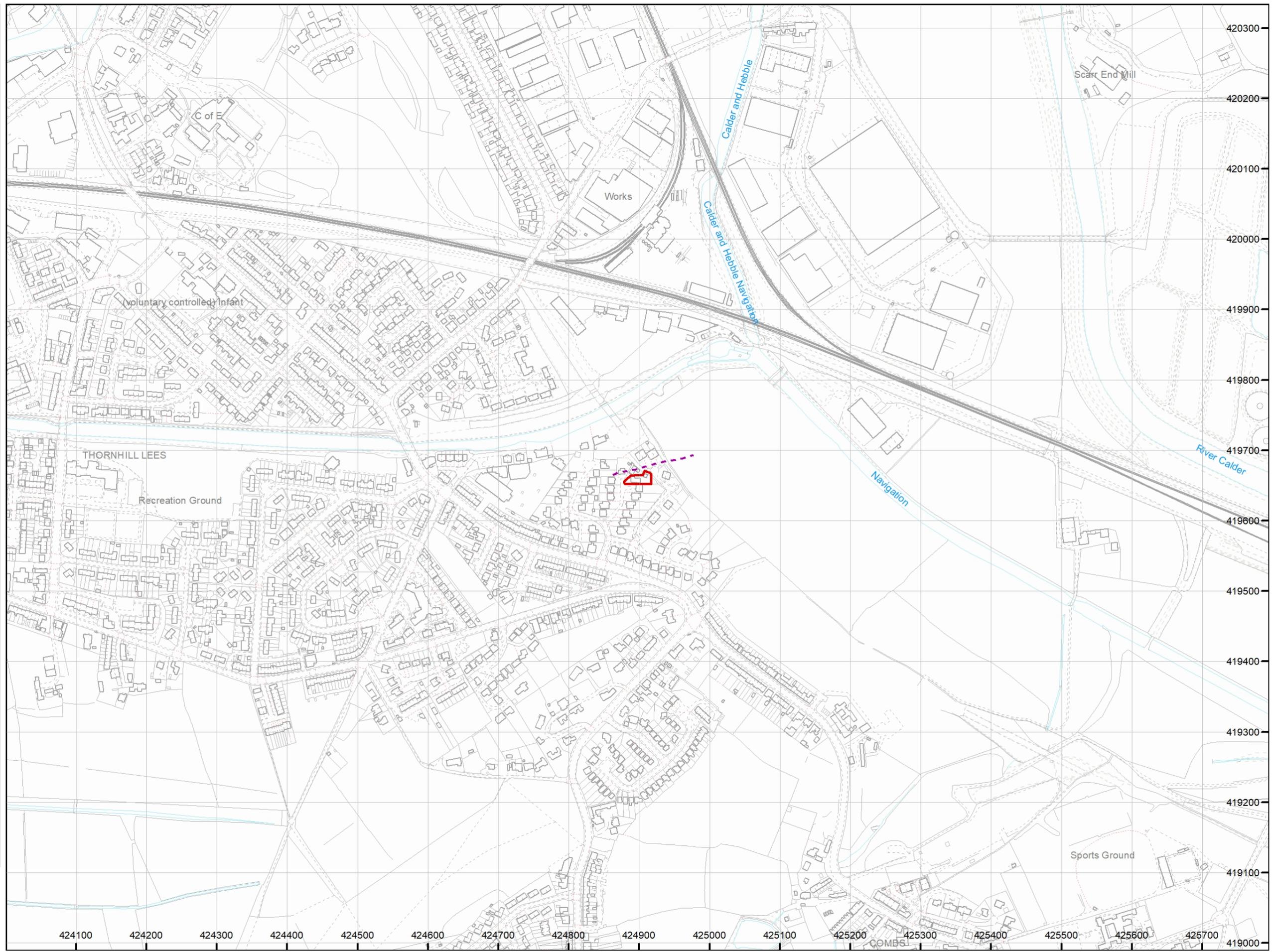
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

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 
- Outcrop (Conjectured) 

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