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01254 377622

Our Ref: BEK/26035/260402/MWT/1

2nd April 2026

THE MORAVIAN UNION INCORPORATED
c/o John Forrester Limited
Chartered Surveyors & Land Agents
First Floor, 19/21 Chapel Brow
Leyland
PR25 3NH

Coal Mining Risk Assessment- Site 1, Land off Greenside Road, Mirfield

BEK Enviro (BEK) has been commissioned by The Moravian Union Incorporated to carry out a Desktop Coal Mining Risk Assessment for an area of land located off Greenside Road, Mirfield (hereafter referred to as 'the site') to assess the potential risks from subsidence considering the proposed redevelopment of the site for residential use.

The objectives of the Coal Mining Risk Assessment are to:

- Present a desk-based review of selected items of available information reviewed on 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, including the cumulative impacts of issues.
- Set out appropriate measures to investigate the coal mining legacy issues potentially affecting the site, including any necessary intrusive site investigation works

To achieve the objective BEK will review the following information:

- Mining Remediation Authority website 'Interactive map'
- British Geological Society (BGS) website
- Mining Remediation Authority 'Consultants Coal Mining Report'
- OS Plans
- Development Layout Plans
- Available previous reporting

BACKGROUND

The site is located to the east of Greenside Road and to the south of Wellhouse, Mirfield. The National Grid Reference for the approximate centre of the site is SE 20633 21116. The site boundary can be seen on Figure 1 below:

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Figure 1: *Location Plan*

Proposed Development

The proposed development at the site comprises the construction of seven residential dwellings, with associated access, parking and private gardens.

ASSESSMENT OF SITE-SPECIFIC COAL MINING ISSUES

The British Geological Society (BGS) 'Geology of Britain Viewer' website and the geology resources website shows there are no recorded superficial deposits for the site.

The bedrock underlying the west of the site comprises the 'Pennine Lower Coal Measures Formation' - mudstone, siltstone and sandstone. The bedrock underlying the east of the site comprises 'Falhouse Rock' - sandstone.

BGS mapping indicates a fault line crosses the centre orientated north/south, separating the two rock types. The closest off-site fault line is located some 45 m south-east of the site. In addition, a coal seam is located approximately 160 m south of the site.

A review of the BGS website confirms there are two BGS boreholes within 250 m of the site, these are located approximately 215 m and 245 m east of the site. Both boreholes describe topsoil at the surface to 0.2 m, over sandstone to 13.2 m and 9.5 m where mudstone is encountered to the base of the boreholes (30 m and 23.5 m). A 0.8 m thick layer of coal is encountered within the mudstone in both boreholes at 17.9 m and 13.1 m. Copies of the borehole records are included within Annex B.

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MINING REMEDIATION AUTHORITY DATA

The Mining Remediation Authority operates a risk-based approach to the assessment of potential instability issues associated with future development of land located within the pre-defined Mining Remediation Authority Consultation Area. This risk-based approach divides the potential risk into Development Low Risk Areas and Development High Risk Areas.

Low Risk Sites are 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 Mining Remediation Authority state that 'there is no need for you to submit any coal mining information with your planning application and The Mining Remediation Authority will not be consulted by the LPA'.

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).

Mining Remediation Authority Interactive Map

The Mining Remediation Authority Interactive Map indicates the site is located within a 'Coal Mining Reporting Area' and the extract presented as Figure 2 below shows the majority of the site to be located within a 'Development High Risk Area'.

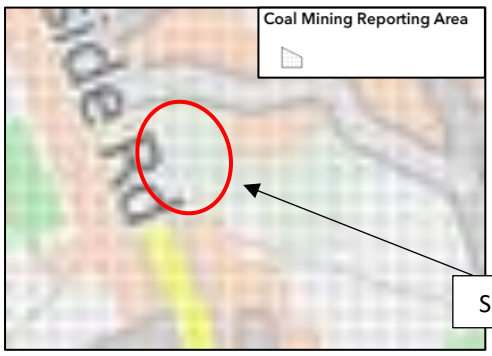


Figure 2: *Site Location*

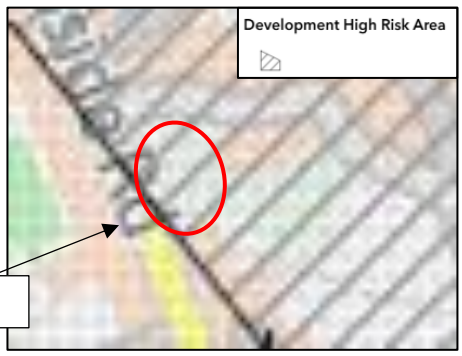


Figure 3*: Development High Risk Area*

The locations of the 'Development High Risk Area' correlate with the locations of 'Probable Shallow Coal Mine Workings' as shown in Figure 4 below:

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Figure 4: *Probable Shallow Coal Mine Workings*

Consultants Coal Mining Report

In order to further determine the extent and nature of the past coal mining activity at the site, BEK has obtained a 'Consultants Coal Mining Report' from the Mining Remediation Authority.

Consultants Coal Mining Report (Ref: 51003557380001), dated March 2026

The Mining Remediation Authority Consultants Coal Mining Report is included within Annex A of this report. It is noted that the report was purchased for this site here in, and an adjacent site (Site 2). The information below applies to Site 1 only:

Underground mining has occurred beneath the site at a depth of 150 m. This working involved the 'Black Bed' seam, which dipped at an angle of 1.1 degrees to the south-east. The extraction thickness was 76 cm and was last mined in 1890.

Shafts are located approximately 70 m north, 80 m north-west (see Figure 5) and 200 m south-east of the site. The treatment details are unknown for the shafts. The closest shaft was 'searched for by trenching by developers in 1977, but was not found'.

There are no outcrops recorded.

A geological fault is orientated north/south through the site (see Figure 5).

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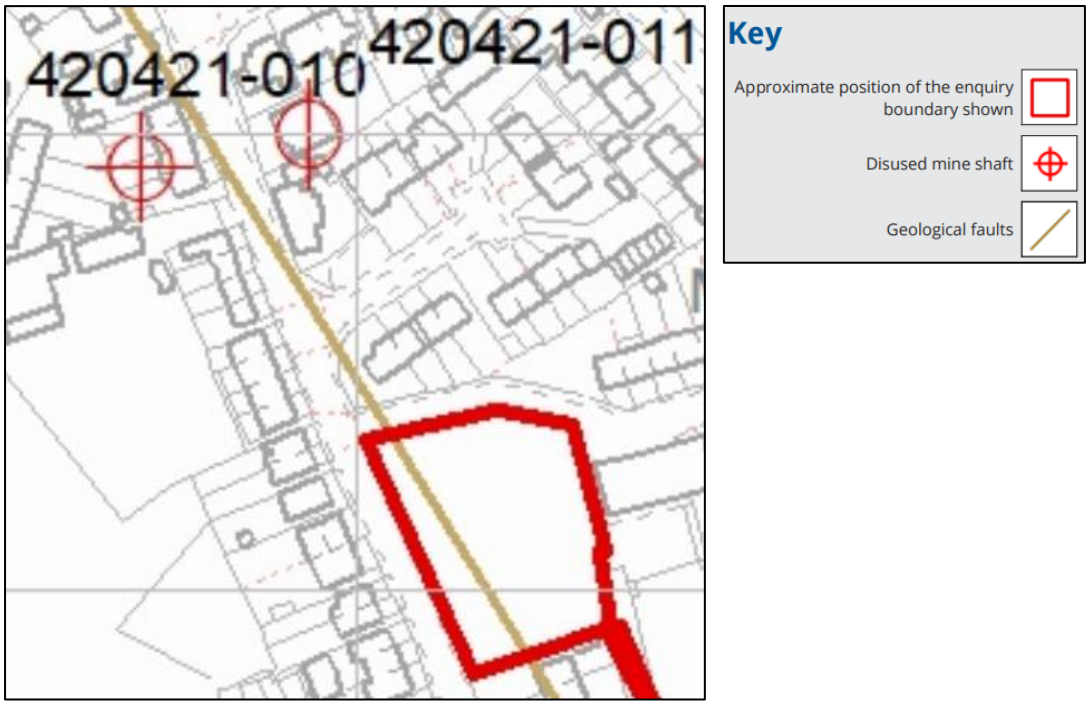


***Figure 5**: Extract from 'Summary of Findings' Drawing Included within Consultants Coal Mining Report (See Annex A).*

Investigative or Remedial Activity

The Mining Remediation Authority has no records for any site investigations or remedial activities carried out within 50 m of the enquiry boundary.

The Mining Remediation Authority have not received a damage notice or claim for the subject property, or any property within 50 m 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.

There are no records of any mine water treatment schemes within 500 m of the site and no records of mine gas incidents.

COAL MINING RISK ASSESSMENT

The assessment of available information regarding past coal mining has shown that underground mining has occurred beneath the site, at a depth of 150 m. These workings are not within an influencing depth of the surface (<30 m) with respect to subsidence and therefore do not represent a potential risk. However, this information is contradicted by Mining Remediation Authority where the site is shown to be located in an area of 'Probable Shallow Coal Mine Workings' where unrecorded shallow coal workings may exist at or close to the surface (less than 30 m deep).

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Two shafts are noted within 100 m of the site, however the site is outside the zone of influence of these shafts (>25 m) and therefore they do not represent a potential risk.

Considering the above, a desk-based assessment cannot conclude with certainty the extent of the coal mining risks below the development, and it is recommended that intrusive investigation works are undertaken.

Intrusive Investigation Recommendations

Intrusive investigation works will be required in order to determine any potential risks from subsidence. The investigation will also serve to quantify any potential risks from coal mine gas (outside the remit of this report).

This should comprise the drilling of 3 rotary open-hole boreholes to a depth of 30 m to investigate the 'Development High Risk Area'.

If mine workings are confirmed to be present within an influencing depth of the surface development, it is likely that additional rotary boreholes will be required to further investigate and delineate areas of concern.

The decided approaches for the investigation of legacy coal mining at the site will need to be submitted to and approved by the Mining Remediation Authority prior to the commencement of the works.

A Mining Remediation Authority 'Permit to Drill' will be required prior to the commencement of site investigation at the site.

Risks from ground gas and contamination are outside the remit of this report but will need to be considered, particularly considering the potential risks from coal mine gas. A Detailed Quantitative Gas Risk Assessment is likely to be required for the site.

I trust the above is satisfactory. Should you require anything further please do not hesitate to contact the undersigned.

Yours sincerely

MICHAEL BUCKLEY
BSc (Hons) MSc MIEnvSci CEnv
DIRECTOR

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ANNEX A

Consultants Coal Mining Report

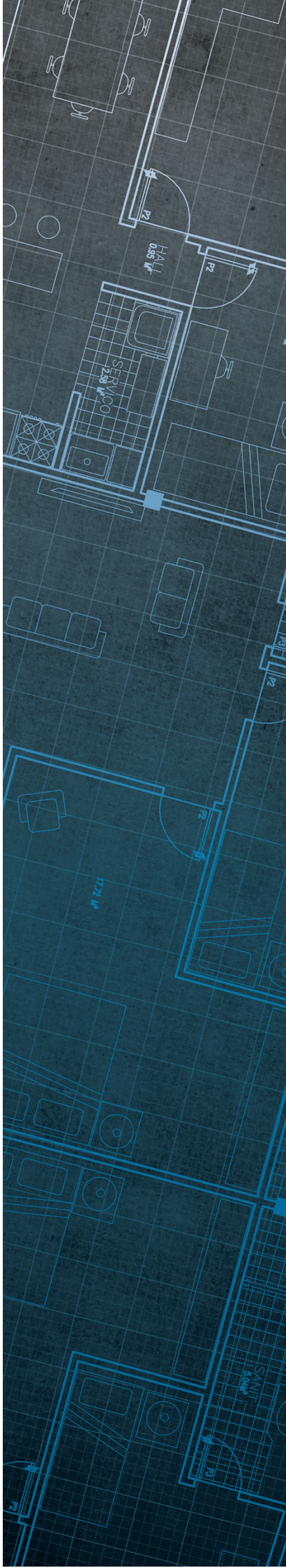
The Coal Authority

Consultants

Coal Mining Report

Street Record
Wellhouse
Mirfield
Kirklees
WF14 0PW

Date of enquiry:	**9 March 2026**
Date enquiry received:	**9 March 2026**
Issue date:	**9 March 2026**
Our reference:	**51003557380001**
Your reference:	**8958-26035-J**



Consultants
Coal Mining Report

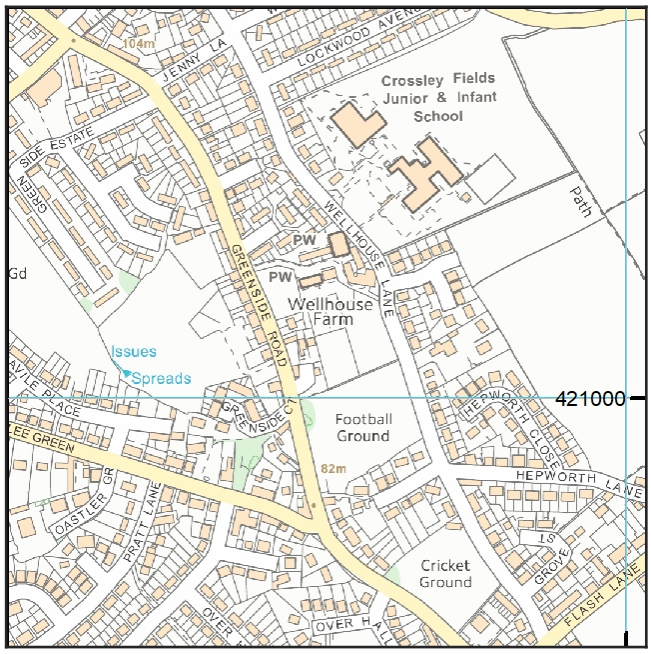
This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

Michael Buckley

Enquiry address

Street Record
Wellhouse
Mirfield
Kirklees
WF14 0PW



Approximate position of property

Map data

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reports@miningremediation.gov.uk

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	BLACK BED	Coal	62WR	150	Beneath Property	1.1	South-East	76	1890
unnamed	BLACK BED	Coal	6HBN	154	South	2.7	East	76	1891

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	420420-003	420827 420979	we have no record of what steps if any have been taken to treat this shaft. It was searched for by trenching by developers in 1977 but was not found.	Coal	
Shaft	420421-010	420553 421193	Treatment details unknown.*	Coal	
Shaft	420421-011	420590 421200	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.

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Abandoned mine plan catalogue numbers

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

GCR59	10527	GCR57
GCR56	GCR51	

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

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Fault under or close to the property 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.

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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
6.3	North-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.

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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.

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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 email us at reports@miningremediation.gov.uk.

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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.**

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.

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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.

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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.

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The Coal Authority

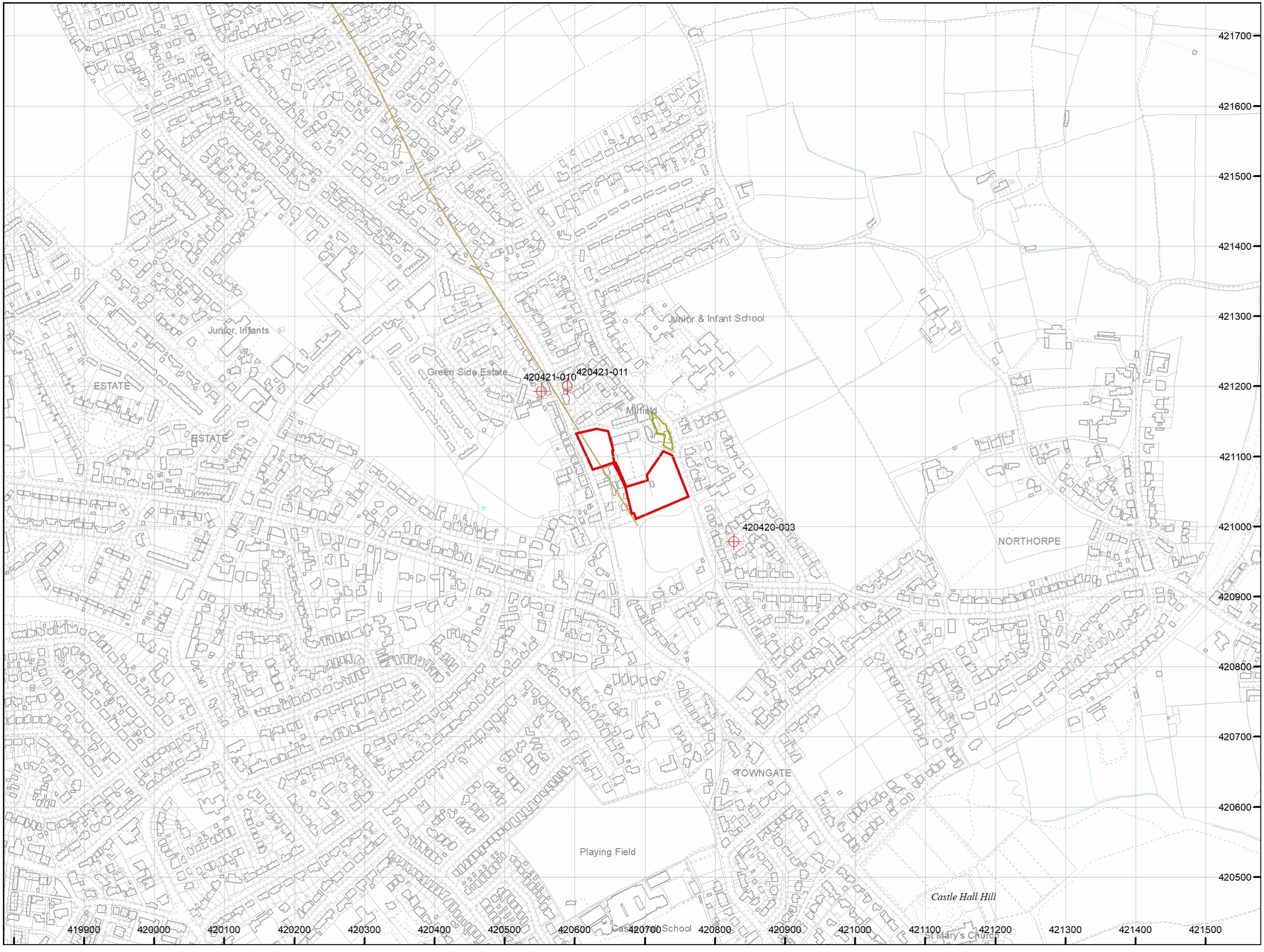
Summary of findings

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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
- Geological faults
- Site investigations



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ANNEX B

BGS Boreholes

British Geological Survey

BGS ID: 78274 : BGS Reference: SE22SW790
British National Grid (27700) : 420870,421140

SE22SW 790

Contract : BALDERSTONE HALL
Client : Bellway Estates plc.

Coordinates :
Dates : 10/02/95

Equipment and Methods :
Rotary topdrive drilling rig with 75mm rock hammer and air flush.

Job Number : 48062
Borehole Number : 1
Location : Mirfield

Orientation : Vertical
Ground Level : 2087 2114

Daily Prog.	Water Level	In-Situ Tests	TCR	SCR	RQD	FI	Core Run	Depth m	Strata Description	Red. Level	Legend
								0.00			
								0.20	TOPSOIL		
								(1.10)	Orange brown fine to medium grained highly weathered SANDSTONE.		
								1.30	Light brown fine to medium grained SANDSTONE .... becoming grey below 7.10m.		
	10/02/95							(11.90)			
								13.20	Grey silty MUDSTONE.		
								(4.70)			
								15.00	Borehole Continued		

Key :

Sample Types
U Undisturbed
D Disturbed
B Bulk Disturbed
W Water
P Piston
J Jar
T Thin Wall
X No Recovery

In-Situ Tests
S SPT Value
C CPT Value
+ Seating Blows
‡ Inc. Seating Blows
X No Penetration
- Sampler Sank
V Vane Test
J Borehole Jack Test
k Permeability
Is Point Load Index
PB Plate Bearing Test
CBR In-Situ CBR Test

pp Pocket Penetrometer
so Soakaway Test
kP Packer Test
+ Single Test
‡ Double Test

General Remarks :
No voids or broken ground encountered.

Scale : 15m/sheet
Sheet No. 1 Of 2.
Depth 0 to 15 metres.

Operator : RIH
Appendix :
Figure No. :

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 78274 : BGS Reference: SE22SW790
British National Grid (27700) : 420870,421140

SE22SW 790

Contract : BALDERSTONE HALL
Client : Bellway Estates plc.

Coordinates :
Dates : 10/02/95

Equipment and Methods :
Rotary topdrive drilling rig with 75mm rock hammer and air flush.

Job Number : 48062
Borehole Number : 1
Location : Mirfield

Orientation : Vertical
Ground Level :

Daily Prog.	Water Level	In-Situ Tests	TCR	SCR	RQD	FI	Core Run	Depth m	Strata Description	Red. Level	Legend
								15.00	Grey silty MUDSTONE.		
								(4.70)			
								17.90	Black bright COAL. Blocking?		
								(0.80)			
								18.70	Dark grey to grey silty MUDSTONE with occasional sandstone band.		
								(11.30)			
								30.00	End Of Borehole		

Key :

Sample Types
U Undisturbed
D Disturbed
B Bulk Disturbed
W Water
P Piston
J Jar
T Thin Wall
✱ No Recovery

In-Situ Tests
S SPT Value
C CPT Value
* Seating Blows
‡ Inc. Seating Blows
✱ No Penetration
* Sampler Sank
V Vane Test
J Borehole Jack Test
k Permeability
Is Point Load Index
PB Plate Bearing Test
CBR In-Situ CBR Test

pp Pocket Penetrometer
so Soakaway Test
kP Packer Test
* Single Test
‡ Double Test

General Remarks :
No voids or broken ground encountered.

Scale : 15m/sheet
Sheet No. 2 Of 2.
Depth 15 to 30 metres.
Operator : RIH
Appendix :
Figure No. :

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 78275 : BGS Reference: SE22SW791
British National Grid (27700) : 420880,421190

SE22SW791

Contract : BALDERSTONE HALL.
Client : Bellway Estates plc.

Coordinates :
Dates : 11/02/95

Equipment and Methods :
Rotary topdrive drilling rig with 75mm rock hammer and air flush.

Job Number : 48062
Borehole Number : 2
Location : Mirfield.

Orientation : Vertical
Ground Level : 2088 2119

Daily Prog.	Water Level	In-Situ Tests	TCR	SCR	RQD	FI	Core Run	Depth m	Strata Description	Red. Level	Legend
								0.00			
								0.20	TOPSOIL		
									Orange brown SANDSTONE .... becoming light brown below 1.50m and grey below 5.50m.		
								(9.30)			
	11/02/95							9.50	Grey silty MUDSTONE.		
								(3.60)			
								13.10			
								(0.80)	COAL.		
								13.90			
								(9.60)	Grey silty MUDSTONE with sandstone bands.		
								15.00	Borehole Continued		

Key :

Sample Types
U Undisturbed
D Disturbed
B Bulk Disturbed
W Water
P Piston
J Jar
T Thin Wall
I No Recovery

In-Situ Tests
S SPT Value
C CPT Value
* Seating Blows
‡ Inc. Seating Blows
I No Penetration
+ Sampler Sank
V Vane Test
J Borehole Jack Test
k Permeability
Is Point Load Index
PB Plate Bearing Test
CBR In-Situ CBR Test

pp Pocket Penetrometer
so Soakaway Test
kP Packer Test
* Single Test
‡ Double Test

General Remarks :
No voids or broken ground encountered. All strata descriptions taken from drillers notes.

Scale : 15m/sheet
Sheet No. 1 Of 2.
Depth 0 to 15 metres.
Operator : RIH
Appendix :
Figure No. :

Contact BGS: ngdc@bgs.ac.uk

British Geological Survey

BGS ID: 78275 : BGS Reference: SE22SW791
British National Grid (27700) : 420880,421190

SE22SW 791

Contract : BALDERSTONE HALL.
Client : Bellway Estates plc.

Coordinates :
Dates : 11/02/95

Equipment and Methods :
Rotary topdrive drilling rig with 75mm rock hammer and air flush.

Job Number : 48062
Borehole Number : 2
Location : Mirfield.

Orientation : Vertical
Ground Level : 2

Daily Prog.	Water Level	In-Situ Tests	TCR	SCR	RQD	FI	Core Run	Depth m	Strata Description	Red. Level	Legend
								15.00	Grey silty MUDSTONE with sandstone bands.		
								(9.60)			
								23.50	End Of Borehole		

Key :

Sample Types
U Undisturbed
D Disturbed
B Bulk Disturbed
W Water
P Piston
J Jar
T Thin Wall
¥ No Recovery

In-Situ Tests
S SPT Value
C CPT Value
+ Seating Blows
‡ Inc. Seating Blows
¥ No Penetration
+ Sampler Sank
V Vane Test
J Borehole Jack Test
k Permeability
Is Point Load Index
PB Plate Bearing Test
CBR In-Situ CBR Test

pp Pocket Penetrometer
so Soakaway Test
kP Packer Test
+ Single Test
‡ Double Test

General Remarks :
No voids or broken ground encountered. All strata descriptions taken from drillers notes.

Scale : 15m/sheet
Sheet No. 2 Of 2.
Depth 15 to 30 metres.

Operator : RIH
Appendix :
Figure No. :

Contact BGS: ngdc@bgs.ac.uk