

Mining Risk Assessment

Rockwood Garage
Wakefield Rd
Grange Moor
Huddersfield
WF4 4DS

Amended 25th September 2018

On behalf of Bradbury Project Management.

The Forge, North Charlton. Chathill, Northumberland NE67 A5HP

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1. INTRODUCTION

On the instruction of Bradbury Project Management, a mining risk geological report was carried out by 3DVS on a site at Rockwood Garage, Wakefield Rd, Grange Moor, Huddersfield.

The site is located on land adjacent to the A642, Grange Moor, and is centred on National Grid Ref: SE22000 15409, at approximately 226m, 743ft AOD. See Fig 1. The site covers an area of approximately 2084 sq mts. as per the red line boundary.

This report is has been commissioned by Bradbury Project Management on behalf of Rockwood Garage and is required to support a planning application. If any unauthorized third party comes into possession of this report and other related material, they rely on it at their own risk and the authors and 3DVS owe them no duty of care or skill.

The comments and recommendations presented in this report are based on the findings of a review of available information. There may be other conditions prevailing at the site which may not have been recorded by the available information and therefore have not been considered by this report. Responsibility therefore cannot be accepted for unrecorded information.

At the time of writing this report the proposed development was for the construction of a B2 General Industrial Unit at or close to current ground levels. If there are changes to these proposals, then a modification to the comments and recommendations may be needed.

2. OBJECTIVES

This report has been undertaken to evaluate current or former uses of the site and surrounding areas to determine the presence of any potential disturbances from past mining activities.

3. THE SITE

The proposed building for B2 general purpose industrial use is to be constructed on a roughly rectangular piece of land located on the north-side of the A642. The site covering approximately 2084 sq. m. the area within the red line boundary See Fig 1.

The site is currently derelict land to the rear of a Car Dealership. Access is from the A642 to the proposed site is via part of the forecourt to the east of the building, which is enclosed by metal and wooden fencing. Adjacent to the proposed site is a small restaurant – to the west, and a small number of garden allotments, nearby on the eastern side of the access area. A playing field is nearby to the north-east. Other development nearby includes residential properties ~75m to the south, a public house 185m to the south-east and what appears to be a large vehicle scrap yard ~248m to the southeast. To the south the land is agricultural, consisting of large rectilinear fields. To the north the land is also agricultural, featuring a renewable energy development. To the north-east is a large industrial estate, formerly the site of Shuttle Eye Colliery.

4. GEOLOGY

The Geological Survey maps of the area, BGS Sheet 77 have been examined along with the memoir of the area. Drift deposits are not shown within the site area.

Underlying the superficial deposits is a solid geology of Carboniferous Sandstone, Westphalian B known as the Birstall Rock, dipping 1 – 2 deg to the southeast. The Birstall Rock is a fine-grained, thickly bedded, cross bedded sandstone with common pebbles of ironstone, coal, sandstone and mudstone, and common streaks of shaly coal.

The nearest geological fault shown is the Lepton Fault ~490 mts to the west of the site, trending NW\SE. Strata are downthrown ~100' to the northeast as stated in sheet 77 memoirs and shown on the corresponding geological map.

5. MINING AND QUARRYING

The presence of rock and mineral seams, including coal, which may have been mined or quarried in the area has been determined from published geological maps, the memoir of the area and a Coal authority (CA) report dated 18th September 2018.

The shallowest coal seam anticipated beneath the site is The Low Fenton Seam, trending roughly to the north-east, dipping at ~1.9 deg. This seam underlies the site at a depth of 18m. The memoir describes this seam as varying in thickness, but beneath the site it is ~66cm. This seam was last worked in 1881. There may also be First Brown Metal coal with a thickness of 0 -0.8cm and second Brown Metal Coal with a thickness of 0 – 1m. Depth unknown.

The CA report states that there are no probable unrecorded shallow workings. There are no spine roadways recorded at shallow depth. There are no mine entries recorded within 100mts of the site boundary.

The CA report indicates that within the abandoned mine catalogue numbers there are several which intersect with some or all of the site boundary. *It is recommended that these abandoned workings are identified as they may affect the risk assessment of the site.*

The site is indicated not to be within an area affected by present or planned future underground mining, there are no coal mining license's recorded within 200m of the boundary. There are no court orders. There are no mine entries within the site boundary. The site is not within the boundary of a past opencast site, or within 200m of a current open cast site, or within 800m of a planned future open cast site.

The CA report records that there may be abandoned works within the site boundary. Therefore, the risk of unrecorded shafts within the site is considered High. There are is one unlicensed open cast site ~487m to the south-west. However, this site is filled in and represents no risk to the proposal.

There are no outcrops reported or seen during the site walkover. No faults, fissures or break lines recorded.

There are no open cast areas within 500mts of the boundary.

6. SITE WALKOVER SURVEY

A site walkover was undertaken on the 18th September to determine the presence of any visually identifiable features that may identify a potential risk to future site users and structures. Photographs of the site were taken as reference material appendixes 1 & 2

The site has previously been a garage and a Garden Centre.

The site is located on a manmade platform of ash and other fill. It is behind the current main garage. Ground levels beyond the platform slope gently to the south towards high ground at Emley Moor. To the north the topography falls gently, before falling steeply into the Calder Valley. The land falls gently to the west before breaking steeply along the line of the Lepton Edge Fault.

The site is to the northern side of the A642. The site is occupied by a vehicle showroom. The showroom is two storeys facing roughly north – south.

The remainder of the site is occupied by unused outbuildings, a large area of wooden decking and at ground level there is evidence for previous rectangular structures marked by a single layer of building stone. These may be the remnants of footings for greenhouses and poly tunnels when the site was previously occupied by a garden centre.

The remainder of the site beyond the wooden fence is rough pasture. See App 2.

The site is bound to the north by the showroom and a metal fence; to the south by wooden fence, to the east by a slatted fence and to the west by outbuildings, and other fencing.

Access is from the A642 via a locked metal gate to the east of the forecourt area.

Buildings on site were inspected for signs of damage caused by subsidence, such as sunken lintels or cracks above doorways. No evidence was found. Some existing outbuildings are to be demolished.

7. GROUND CONDITIONS

The anticipated ground conditions in the area have been interpreted from geological maps and available archive information, including data from boreholes in the surrounding areas. This report contains public sector information licensed under Open Government License v 2.0 which has been used in good faith to provide an indication of anticipated ground conditions beneath the site. At this stage, any diagram of the possible layout of the ground conditions beneath the site is suppositional and given for guidance only. Confirmation of ground conditions should be considered if deemed critical.

It is anticipated that the ground conditions will compromise made ground – concrete pad - inherent with developments on the site, underlain by residual soils and sandstone bedrock.

8. ENGINEERING CONSIDERATIONS

8.1 General

An outline plan was available when completing this report. It has been assumed that the building will be constructed at, or close to existing ground levels. However, because the site appears to be a fill, this has yet to be decided. The proposed ground loadings are not known. If there are any alterations to the proposal, then some changes to the comments and recommendations given may be required.

8.2 Mining and Ground Stability

There are a number of coal seams beneath the site at varying depths and seam thickness these are (abridged from CA report). All have been worked by UNNAMED Collieries.

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Seam	Depth	Dipping Rate of seam worked (deg)	Dip Direction of Seam Worked	Extracted Thickness	Year Last Mined
LOW FENTON	19m	1.9	North-East	66cm	1884
LOW FENTON	24m	1.9	East	61cm	1881
MIDDLETON MAIN	64m	2.2	South-East	127cm	1913
MIDDLETON MAIN	69m	1.0	South-West	84cm	1901
WHEATLEY LIME	82m	2.2	South-East	84cm	1914
WHEATLEY LIME	90m	1.6	South-East	92cm	1910
SILKSTONE	115m	2.0	East	71cm	1912
SILKSTONE	125m	1.8	South-East	76cm	1910
TOP BEESTON	168m	2.1	South-East	74cm	1931
TOP BEESTON	169m	1.4	South-East	74cm	1934
WHINMOOR	169m	1.6	South-West	124cm	1940
WHINMOOR	174m	1.6	South-West	124cm	1940
WHINMOOR	179m	1.5	South-West	124cm	1942

The Low Fenton Coal seam along with its associated seat earth is stated to be at a depth of ~ 18m below the site, worked by an unnamed colliery, but may have been worked by either Shuttle Eye Colliery to the north-east or Lepton Edge Colliery to the west, both are now closed. A further coal seam lies at 62m below the Low Fenton, this is known as the Middleton Main. From these findings, we conclude that the risk to site from shallow historical mining is low/moderate.

There are no recorded site investigations within 50mts of the boundary.

There are no remediated sites within 50mts of the boundary.

The Coal Authority has not received any damage notification for the property or any property within 50m of the boundary for subsidence.

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8.3 Mine Gas

There are two instances where the Coal Authority has investigated and remediated the effects of mine or ground gas emissions following specific hazard reports.

Distance to gas incident/remediation (m)	Direction
186.2	North-East
198.1	East

There are no mine water treatment schemes within 500mts of the boundary. Although there is a small square manmade pond of unknown use on the outside of the northwest edge of the site.

9. REGULATORY APPROVAL

The recommendations given in this report are based on the findings of the mining risk assessment carried out. The conclusions of the assessment cannot be guaranteed to gain regulatory approval, if the report is required as part of a planning application. If this report is required as such, it should be passed to the appropriate authorities for comment and approval, prior to undertaking any development work.

10. DISPOSAL OF SOILS

Any waste arising from corrective work to the site and/or development of the site such as spoil or other material deemed unsuitable for retention on site, should be disposed of in accordance with the Duty of Care Regulations. Waste acceptance criteria (WAC) analysis may be required to determine the most appropriate disposal facility for the waste, in accordance with the requirements of the current Landfill Directive.

11. FURTHER INVESTIGATION

The following actions/investigations are recommended at this stage:

1. That further reporting and maps be acquired in relation to the abandoned mine catalogue
2. As the site is within an area that has been of previous interest in relation to mine and ground gas emissions it is recommended that a Coal Authority Mine Gas Emission Report is acquired as the site may require further investigation and may have an influence on this risk assessment

Continued on Page 10

3. Dependent on the information gained from maps supplied in regards to the abandoned mine catalogue and because the proposed site is to be built on an existing manmade filled platform. The following should be considered. The Coal Authority states that there is a high risk of unrecorded shafts in the area; it therefore may prove necessary to carry out open hole drilling to inspect the underlying ground conditions and strata to determine any unrecorded workings. This is recommended to be carried out by drilling at certain centres within the position of the proposed slab. If any are found it should be investigated in the usual manner of back stripping the overlying fill, sub-soil and other debris to ascertain the position and depth of the workings and whether they are adequately capped, etc.

12. SUMMARY

- The proposed development is for a B2 industrial unit on the site of Rockwood Garage.
- The anticipated ground conditions are made ground materials overlying residual soils and sandstone bedrock – The Birstall Rock - of the Westphalian B, Carboniferous Coal Measures
- The Low Fenton Coal Seam and underlying coal sequence – seat earth, fire clay, lies at a depth of 19m below the site.
- A further Low Fenton Coal Seam lies at a depth of 24m below the site.
- Other Coal Seams are at a sufficient depth not to be of concern. The deepest recorded being the Whinmoor Coal Seam at 175m below the site.
- Further reporting and maps are required in regards to the abandoned mine catalogue.
- A Coal Gas Emission Report is required.
- Open Hole Drilling should be considered in relation to understanding the ground surface conditions beneath the fill and to ascertain the depth and state of the coal seams and underlying seat earths and overlying strata which may have been extracted.

Report completed by:

Neil Woodhouse BSc (Hons). Aff-LI, Aff-IEMA.

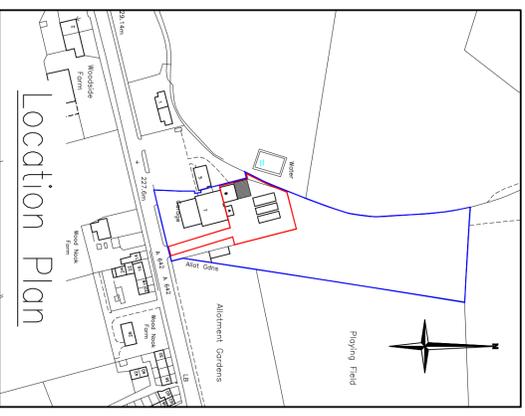
Director

3DVS.

19th September 2018.

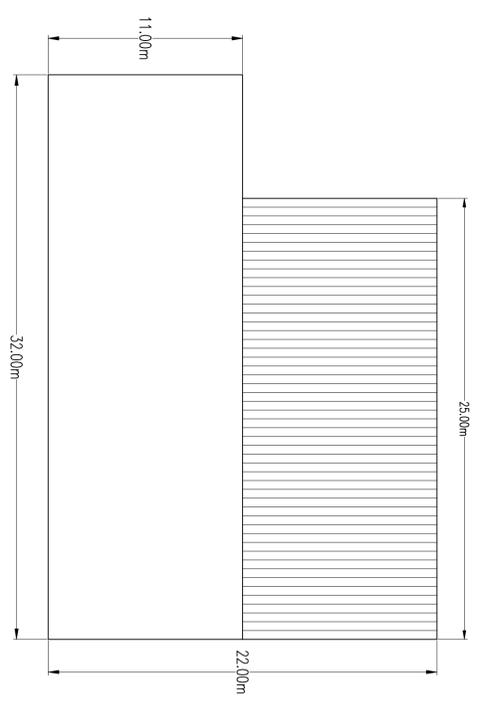
NOTES

Planning notes
 These drawings have been prepared for the purpose of a planning submission only.
 All forms of construction and detailing are solely the responsibility of the builder.
 Where applicable both planning and building regulation approval must be obtained before work commences. If there is any doubt please consult the designer or the appropriate local Authority department.
 Planning conditions
 Planning approval notice to be checked for any planning conditions relevant to the proposal.
 Permission from Property Owners
 Tenants must obtain written permission from their Landlord's / Owners of the premises before applying for planning permission.
 Permission from Adjoining Neighbours
 Where necessary client / owner are to obtain written permission from adjoining neighbours whose boundary or property may be encroached upon during or after construction.
 The Planning system can do nothing to assist owners when boundary disputes arise.
 In principle, when erecting a new building or extension to a building, you can construct it up to the boundary you must not encroach over the adjacent land without the express consent of the neighbour.
 The space between all elements, including temporary scaffolding, the projection of foundations, eaves, rainwater goods, opening windows etc. within the confines of your own land.
 In the event of a dispute arising client should obtain legal advice immediately.
 Party wall act 1998
 Occupiers of both adjoining properties must be in agreement of the construction work and the detail of the construction before works commence on site.

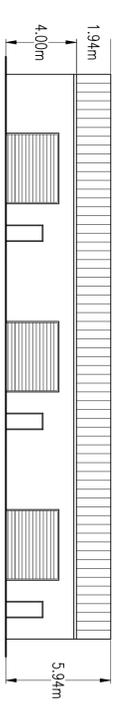


- KEY**
- Existing Landscaping
 - Proposed Landscaping
 - Boundary Ownership
 - Boundary Application Site
 - Proposed B2 use 627sq.m (6750sq.ft)
 - Proposed 25 parking spaces
 - Existing Raised Decking Area
 - Existing Canopy with sides
 - Existing single story flat roof building
 - Existing foundation bases

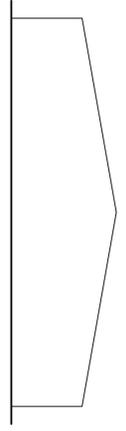
Plan



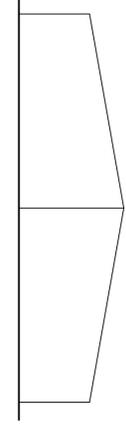
South Elevation



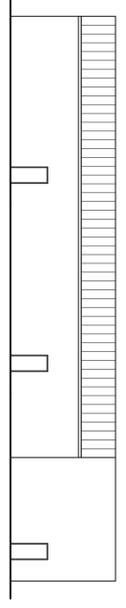
East Elevation



West Elevation



North Elevation



PROPOSED

T J Coates Ltd
 2 Unity Hall Court
 Haigh Moor Road
 West Adisley
 Wakefield WF3 1BE

DESIGN

SUPERS - CONSTRUCTION DESIGN, STRUCTURAL ENGINEERS - INTERIOR
 DESIGN - PROJECT MANAGEMENT

CLIENT
 Rockwood Garage Ltd
 Grange Moor Garage
 14 Wakefield Road
 Huddersfield WF4 4DS

PROJECT
 Proposed B2 general industrial use

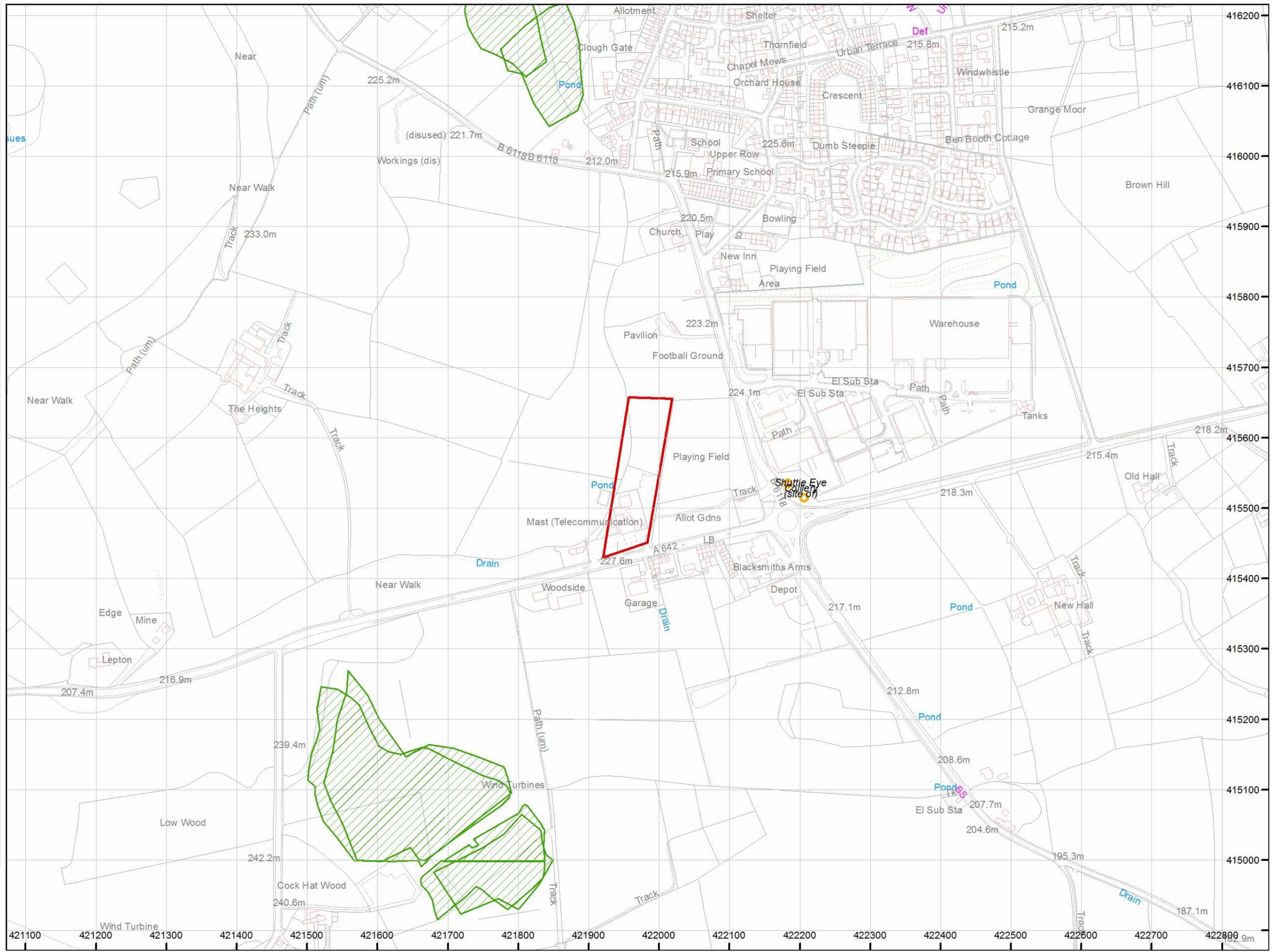
TITLE
 Proposed plan and elevations
 Existing and proposed block plans
 Location plan

SCALE ELEVATIONS / PLAN 1:200 LOCATION PLAN 1:500	DATE 13.07.2018
DRAWN BY MC	CHECKED BY
DRAWING NO 369-P01	REVISION

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 
- Unlicensed opencast site 
- Mine gas remedial works 



How to contact us
0345 762 6848 (UK)
+44 (0)1623 637 000 (International)
www.groundstability.com



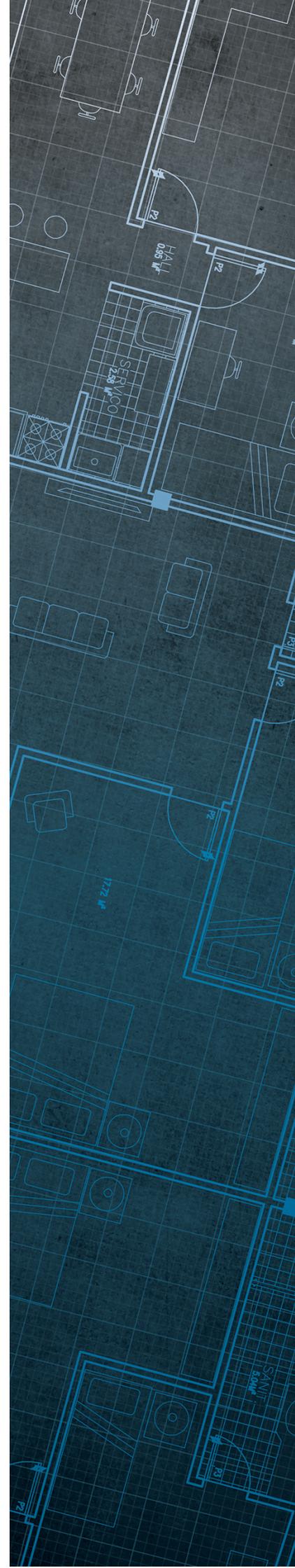
The Coal
Authority

Consultants Coal Mining Report

Rockwood Garage
Wakefield Road
Grange Moor
Huddersfield
Kirklees
WF4 4DS

Date of enquiry: 18 September 2018
Date enquiry received: 18 September 2018
Issue date: 18 September 2018

Our reference: 51001944676001
Your reference: 3DVSMR22018Rockwood



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

Neil Woodhouse

Enquiry address

14 Wakefield Road
Grange Moor
Huddersfield
Kirklees
WF4 4DS

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



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	LOW FENTON	Coal	6GBE	18	Beneath Property	1.9	North-East	66	1881
unnamed	LOW FENTON	Coal	6Z2P	18	Beneath Property	1.9	East	61	1881
unnamed	MIDDLETON MAIN	Coal	6Z2X	62	Beneath Property	2.2	South-East	127	1910
unnamed	MIDDLETON MAIN	Coal	6GBJ	65	Beneath Property	1.0	South-East	61	1901
unnamed	WHEATLEY LIME	Coal	6Z31	79	Beneath Property	2.2	South-East	84	1914
unnamed	WHEATLEY LIME	Coal	6GBK	85	Beneath Property	1.6	South-East	92	1910
unnamed	SILKSTONE	Coal	6Z33	115	Beneath Property	2.0	East	71	1912
unnamed	SILKSTONE	Coal	6GBR	121	Beneath Property	1.8	South-East	76	1902
unnamed	SILKSTONE	Coal	6GBQ	125	West	1.8	South-East	69	1930
unnamed	SILKSTONE	Coal	6GBP	127	South-West	1.8	South-East	69	1908
unnamed	TOP BEESTON	Coal	6Z35	165	Beneath Property	2.1	South-East	74	1931
unnamed	TOP BEESTON	Coal	6GBW	165	Beneath Property	1.4	South-East	74	1930
unnamed	WHINMOOR	Coal	6Z06	169	Beneath Property	1.6	East	124	1941
unnamed	WHINMOOR	Coal	6Z3B	169	Beneath Property	1.6	South-West	124	1940
unnamed	WHINMOOR	Coal	6Z3A	169	East	1.5	South-West	124	1940
unnamed	WHINMOOR	Coal	6Z08	171	West	1.6	East	124	1941
unnamed	WHINMOOR	Coal	6Z3D	174	Beneath Property	1.6	South-West	124	1940
unnamed	WHINMOOR	Coal	6Z39	175	Beneath Property	1.5	South-West	124	1942
unnamed	BLACK BED	Coal	6Z3F	241	North-East	2.5	East	41	1940

Probable unrecorded shallow workings

None.

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:

9163	NE504	12066
FGB361	FGB724	13353
FGB368	NE777	M176

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

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

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

Please refer to the "Summary of findings" map (on separate sheet) for details of any opencast areas 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 31st 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

Distance to gas incident/remediation (m)	Direction
177.5	East
203.5	East

See Section 4 for further information.

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 in an area where notices to withdraw support were given in 1943 and 1944.

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.

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.

Mine gas remedial works

The site is within an area of previous interest. It is close to where the Coal Authority has investigated and subsequently remediated the effects of mine or ground gas emissions following specific reported hazards.

The site requires further investigation and may influence your risk assessment. We recommend that you order the **Coal Authority Mine Gas Emission Report**, which will include more information about the hazard.

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.

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.



Rockwood Garage, Grange Moor. Proposed site. Northern View.



Angle of View = 199 Deg.

Rockwood Garage, Grange Moor. Proposed site. Southern View.