



Batley Grammar School, Proposed New Steps

Coal Mining Risk Assessment

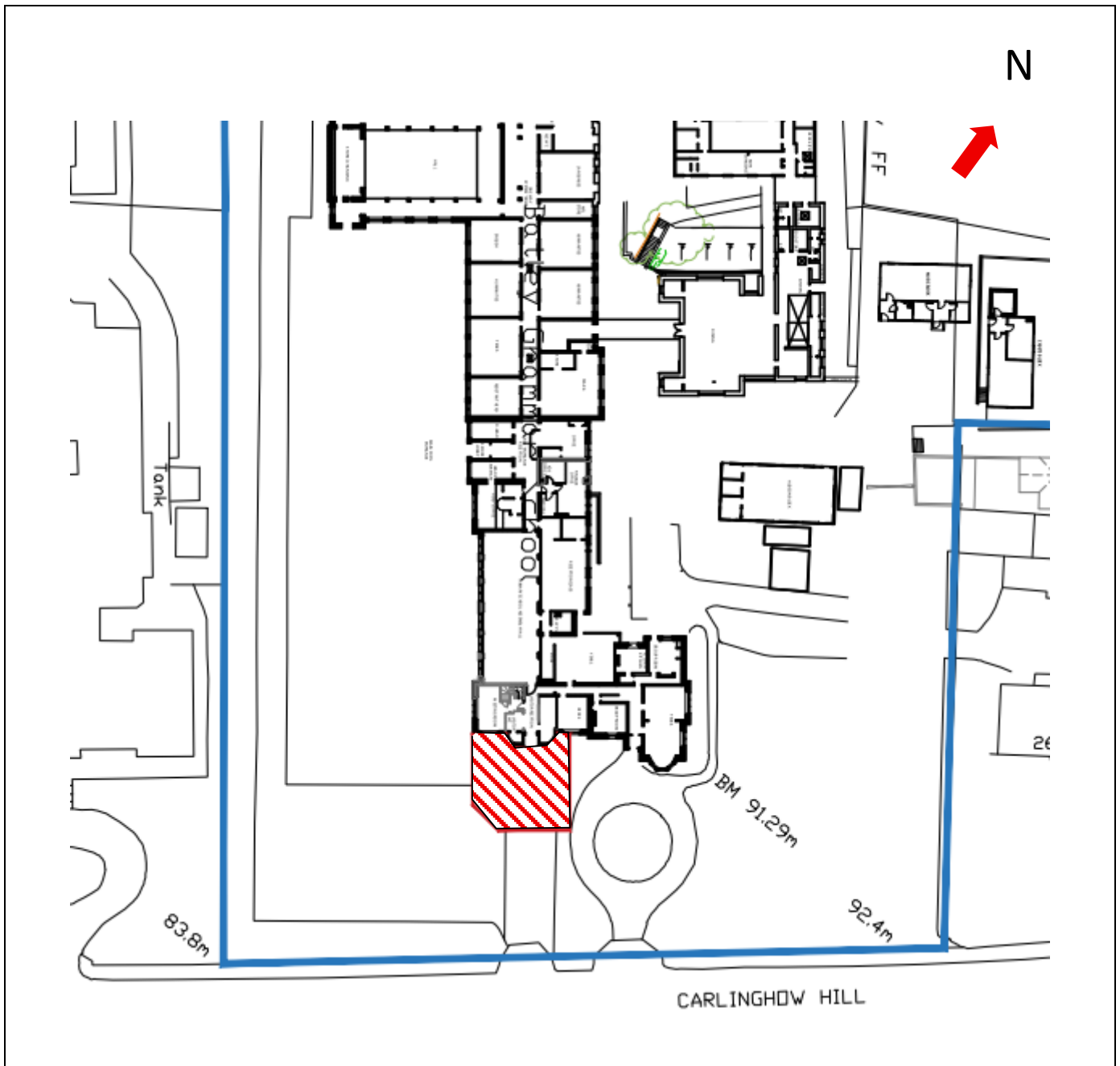
April 2026

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Batley Grammar School, Proposed New Steps
 Coal Mining Risk Assessment



Report Title	Batley Grammar School, Proposed New Steps.	Site Address	Batley Grammar School Carlinghow Hill, Batley, WF17 0AD.
Author	Chevin Geoviro Associates Ltd.	Report Type	Coal Mining Risk Assessment
Work Stage	Stage 1	Report Date	April 2026
Brief Description of the Report Contents	Review of information to develop an assessment of any potential coal mining legacy issues.		

Batley Grammar School, Proposed New Steps Coal Mining Risk Assessment

Document Control

Client: Langtry Langton Architects.

Job Number: C0724

Document Checking:

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Coal Mining Risk Assessment

1.0 INTRODUCTION

Chevin Geoenviron Associates Ltd (CGA) were commissioned by Langtry Langton Architects to carry out a Coal Mining Risk Assessment for Batley Grammar School, Carlinghow Hill, Batley, WF17 0AD.

The purpose of this report is to review and interpret available information pertaining to the site and present the conclusions within a Coal Mining Risk Assessment, as required by the planning regime. The scope of the study is as follows:

- To provide general information on the site such as location and proposals;
- Review available geological maps and memoirs;
- Review appropriate information provided by the Coal Authority;
- Estimate the level of risk based on the information reviewed;
- To provide recommendations for further works where necessary.

1.1 Terms and Conditions

This report has been prepared for Langtry Langton Architects in support of a planning application for the enlargement of existing stairs with access ramp located at the front of the main building entrance. The information in this report has been summarised following a review of readily available information and should not be used in a different context without reference to the original author. A Phase 1 desk study for the site was not available or required as part of this study.

1.2 Source of Information

The following sources of information have been reviewed as part of this assessment.

- Coal Authority Consultants Coal Mining Report dated 10th April 2026;
- British Geological Survey (BGS) Solid and Superficial Geology Mapping Sheet No.77, 1,50,000, Huddersfield, dated 2003 and associated memoir;
- BGS, Geindex interactive web site. (Viewed 11th April 2026);
- Coal Authority Interactive web site. (Viewed 11th April 2026);
- Historical Ordnance Survey Maps: Dated 1854,1894,1908,1922,1933,1946,1949,1955-56,1966-68 and 1972.
- Two preceding CGA site investigations to the northeast and northwest of the current proposals.

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2.0 SITE DETAILS

2.1 Introduction

The site is located approximately 1.8km north west of Batley town centre and centred on National Grid Reference: 423840,425100. The site is accessed off Carlinghow Hill via lockable iron gates.

A Site Location Plan is presented as Drawing No. CO724 in Appendix A.

3.0 GEOLOGY

3.1 Artificial Ground

British Geological Survey (BGS) mapping shows the site to be beyond 50m from areas of mapped made ground. These correspond to areas replicated by the mining Remediation Authority Interactive Viewer as former zones of mining activity and are discussed below. Historical Ordnance Survey mapping shows the site to have historically been surrounded by quarries and local coal pits.

3.2 Superficial Geology

BGS Geological mapping indicates the site and local area are free of superficial deposits. River alluvium that may comprise sand, gravel or clay deposits, is mapped beyond approximately 200m southwest of site.

3.3 Solid Geology

BGS Sheet No.77, Huddersfield 1:50,000 and the interactive mapping, show the bedrock underlying the site at the interface between the Pennine Middle and Lower Coal Measure Formations. These comprise fine grained sandstone, interbedded with mudstone and siltstone, subordinate seat-earth, ironstone, marine bands and productive coal seams.

An outcrop of the Joan Coal seam passes through the centre of the school building complex and this is mapped to outcrop just east of the latest proposals. The Flockton Thick seam is shown to outcrop southwest of the wider site.

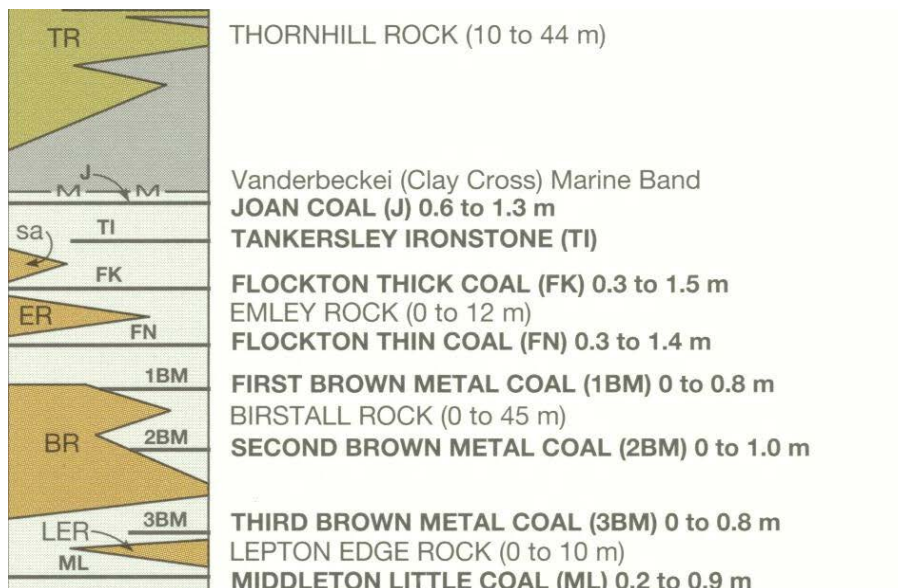
All coal seams are orientated north west to south east with an easterly dip under the younger rocks to the northeast. The Joan Coal is interpreted to be between 0.60m and 1.30m in extraction thickness, over the Tankersley ironstone and the Flockton Thick and Thin Seams of 0.30m up to 1.50m and 1.40m in extraction thickness respectively.

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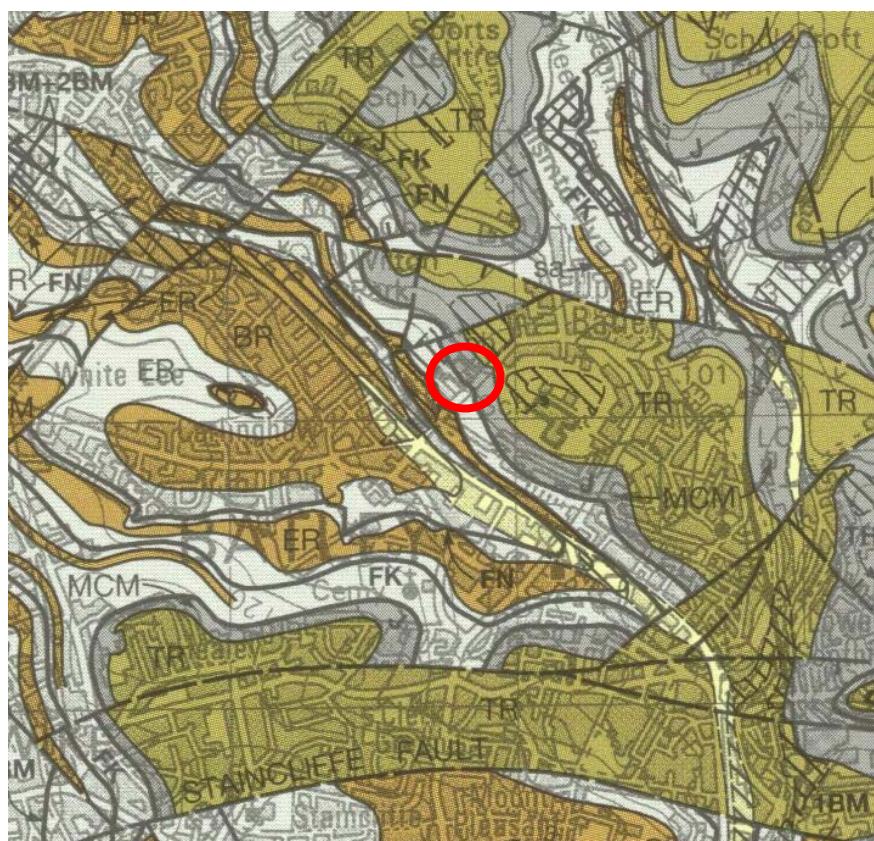
Coal Mining Risk Assessment

Geological faults are mapped beyond 200m from the study site.

The following geological section from Huddersfield Sheet 77 is reproduced for clarity.



The BGS Sheet No.77, 1,50,000, Huddersfield (2003), shows the study site in relation to nearby geology.



Extract from BGS Sheet No. 77, Huddersfield (2003), with the site estimated to be within the red circle.

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3.4 Historical Ground Investigation

Previous ground investigation undertaken by CGA within the wider school, have comprised two separate sets of three boreholes. Most recently, investigation for the development of a new six form block comprised a triangulation, located just north east of the current study site area. This was preceded by a line of three north to south boreholes for a new classroom development, beyond 60m to 100m northwest.

The most recent investigation was reported as Land at Batley Grammar School, Batley, West Yorkshire, Phase 2 Site Investigation Report (CO691), dated 22nd September 2025 and the earlier report of the same name (CO412), was dated 7th September 2020.

The initial ground investigation (CO412) was undertaken west of the outcrop of Joan Coal and therefore interpreted the lower geology containing the Flockton Coal seams. This investigation found evidence of mining between 9.50m and 11.50m below the north west part of the site, in voids of 0.90m (RH1) and 0.80m (RH3).

No evidence for deeper mining was reported to depths of 30.00m in both RH1 or RH2 of that investigation, however the RH2 location recorded drift materials to 12.20m, that was beyond the depth of recorded coal or workings. This was therefore taken as evidence of a historical mine shaft.

The more recent investigation (CO691) was undertaken just northeast of the current proposals. This comprised a triangulation of boreholes encircling a proposed new classroom block. RH2 of this investigation was the most western point and therefore nearest to the current proposals.

Intact Mudstone bedrock was encountered at all locations extending below a layer of near surface clay to depths of between 4.50m (RH2) and 9.50 (RH1). Below these depths a 0.80m zone of broken ground was recorded within both RH1 and RH2, with loss of drilling flush in RH2.

RH3 recorded intact coal between 8.20m and 9.00m, and the coal or voided layer was further underlain by a deeper mudstone which was recorded to the base of RH1 at 11.50m and the base of RH2 at 9.00m. The last 2.00m depth of penetration in RH2 from 7.00m to 9.00m was without flush returns.

RH3 of that investigation was able to progress deeper encountering bands of mudstone to a depth of 16.50m with a noted loss of flush to 17.20m where a second deeper thin (0.60m) band of coal, potentially a floor coal, left in the base of an extraction to preserve the quality and cleanness of the above extraction, was recorded to 17.80m, over intermittent returns to the base of the borehole at 21.00m. The intermittent returns from the base of the borehole looked to be from a harder sandstone.

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It was reasoned that the above loss of flush for 0.70m was of similar thickness to extracted coal interpreted at higher levels by the historical investigation to the northwest of site.

Broken ground was recorded at the location of RH1 and RH2, with voids below 4.50m interpreted to correspond to the Joan Coal that outcropped in near proximity to RH2 of this investigation and this is predicted to outcrop at or near the surface of the current site under investigation.

The deeper Flockton coals were interpreted in historical onsite investigation at depths of between 9.50m and 11.50m. No deeper coal was recorded in those locations to 30.00m, however these coals were also interpreted at shallower depth to the south of the proposals by archive boreholes located near to the Flockton Thick outcrop.

From the BGS Geoindex Tool the site is also northeast of historical borehole record SE22NW677 located approximately 75m from the current proposals. This was to 20.00m depth, where the location recorded made ground to 3.20m, over dark shale to 3.80m covering the Flockton Thick Coal here of 1.80m in thickness to 5.60m, over sandstone to 10.80m.

This covered interbedded mudstone and sandstone to 15.00m, over broken ground interpreted to be workings in the Flockton Thin seam of 1.10m thickness to 16.10m, over a deeper solid mudstone to the base of the hole. Other boreholes southeast of this follow a line and these interpreted similar depths of coal and broken ground.

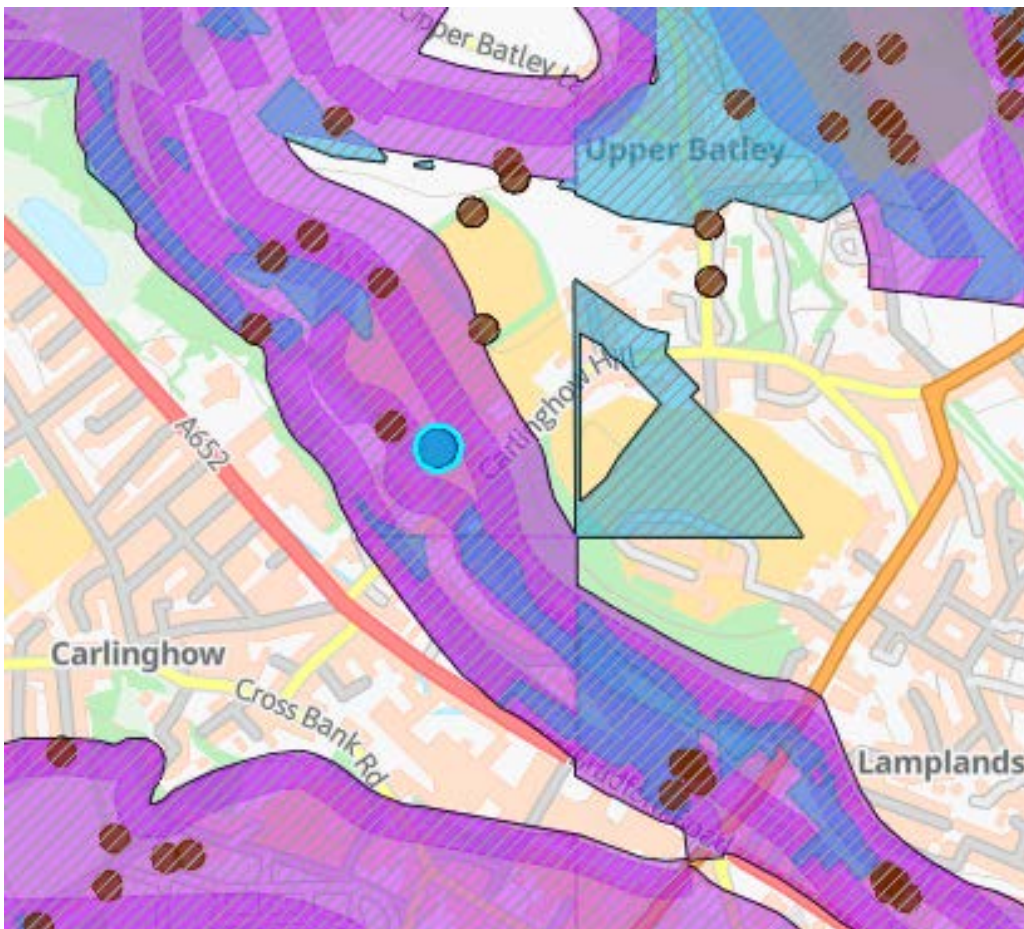
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4.0 COAL MINING

4.1 Coal Authority Interactive Mapping

The Coal Authority Interactive map shows the site is within a development high risk area (hatched) and areas of known past shallow coal mining (Blue) are to the south, northwest and east of the site. There is a recorded mine entrance northwest of the study site area.



Extract from the Coal Authority Interactive Viewer.

The site area is centred on the blue dot. The hatched area is the full extent of the development high risk area and recorded shallow coal mine workings are shown in blue, as distinct from possible unknown workings within the larger areas shown in purple. The circles represent the approximate location of known shaft records.

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4.2 Coal Authority Consultants Mining Report

The Coal Authority record three coal seams to have been worked below 37m under the property and probable outcropping coal within the site area. The site is also within an area of probable unrecorded shallow workings. A mineshaft record (423425-017) is at approximately 40m northwest of the site area.

A summary of the information provided within the Coal Authority Report is presented below in Table 1.1.

Table 1.1 Summary of Coal Authority Consultants Report Information

Mining Activities	On Site	Further Information
Section 1: Mining Activity and Geology		
Past Underground Mining	Yes	Beneath the property there are 3 No. coal seams recorded to have been worked. These are the Flockton Thick, Flockton Thin and Middleton Main seams below 37m, 50m and 111m respectively. The deeper Silkstone and Black Bed Seams have also been worked locally.
Probable Unrecorded Shallow Workings	Yes	Stated within the Consultants Mining Report,
Spine Roads	No	No spine roads recorded at shallow depth.
Mine Entries	Yes	There is one mine entry at approximately 40m northwest the defined site area References 423425-017. This is recorded to have been drilled and grouted in November 2020 and looks to relate to the area formerly investigated by CGA.
Outcrops	Yes	An outcrop of the Joan Coal crosses the defined site area northwest to southeast and the Flockton Thick Coal outcrops within 44.4m west of the defined site area.
Geological Faults, fissures and breaklines	No	No faults, fissures or breaklines recorded.
Opencast Mines	No	No unlicensed/licenced opencast mines mapped within the site or surrounding area.
Section 2: Investigative or Remedial Activity		
Coal Authority Managed Tips	No	None recorded within 500 metres.
Remediated Sites	No	None recorded within 50 metres.
Coal Mining Subsidence	No	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	No	None recorded within 500 metres.
Mine Water Treatment Schemes	No	None recorded within 500 metres.
Section 46 Notices	No	No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.
Payments to Owners of Former Copyhold Land	No	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 3: Licensing and Future Mining Activity		
Future Underground Mining	No	None recorded.
Coal Mine Licencing	No	None recorded within 200 metres
Court Orders	No	None Recorded.
Withdrawal of Support	No	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.

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4.3 Review of Historical Mapping and Records

A review of historical mapping from 1854 to 1972 was conducted from internet available information.

In 1854, the site was surrounded by sandstone quarries, coal pits and beyond 100m southwest a railway. Mapping after 1894, shows the grammar school established at the site, with a cottage hospital to the southwest. An air shaft was annotated north of site and earthworks were now only shown beyond the west site area.

By the early 1900s, earthworks were no longer shown around the site, at which time Craven House had been developed to the northeast.

The school looks to be expanded by 1933, with paying fields to the northwest formed within soil profiling. The hospital had also been further developed and the air shaft was now noticeably named "Old Air Shaft." No significant changes are reported to the 1970s.

5.0 RISK ASSESSMENT & CONCLUSIONS

BGS and Coal Authority mapping indicate the site is in an area with known and potentially unknown shallow coal workings.

These have been previously reported by CGA, where broken ground below 4.50m was recorded at the location of RH2 in the most recent investigation northeast of the current proposals, with shallow voids interpreted to correspond to the Joan Coal that is predicted to outcrop within or local to the study site area.

Coal or workings were also recorded in that investigation below 9.50m (RH1) and 8.20m (RH3) respectively and both piling and grouting were subsequently recommended for the following structure.

Nevertheless, the proposed staircase is not considered to be of significant load and it could be argued that as such that it is of low-risk and categorised as an exempt structure. However, known workings beneath the site would be indicative of a moderate to low risk of void migration. This light structure may however be mitigated by use of rafts or a reinforced foundation.

6.0 RECOMMENDATIONS

For all designs historical mine features such as unrecorded shafts, should be discounted by a preceding site scrape. Any unearthed features should then be suitably recorded and capped with a method approved by regulators. Near surface coal should be by passed or appropriately blinded from proposed foundations. The proposals should then be reviewed by a suitably qualified foundation engineer, who may conclude that a hybrid design is appropriate.

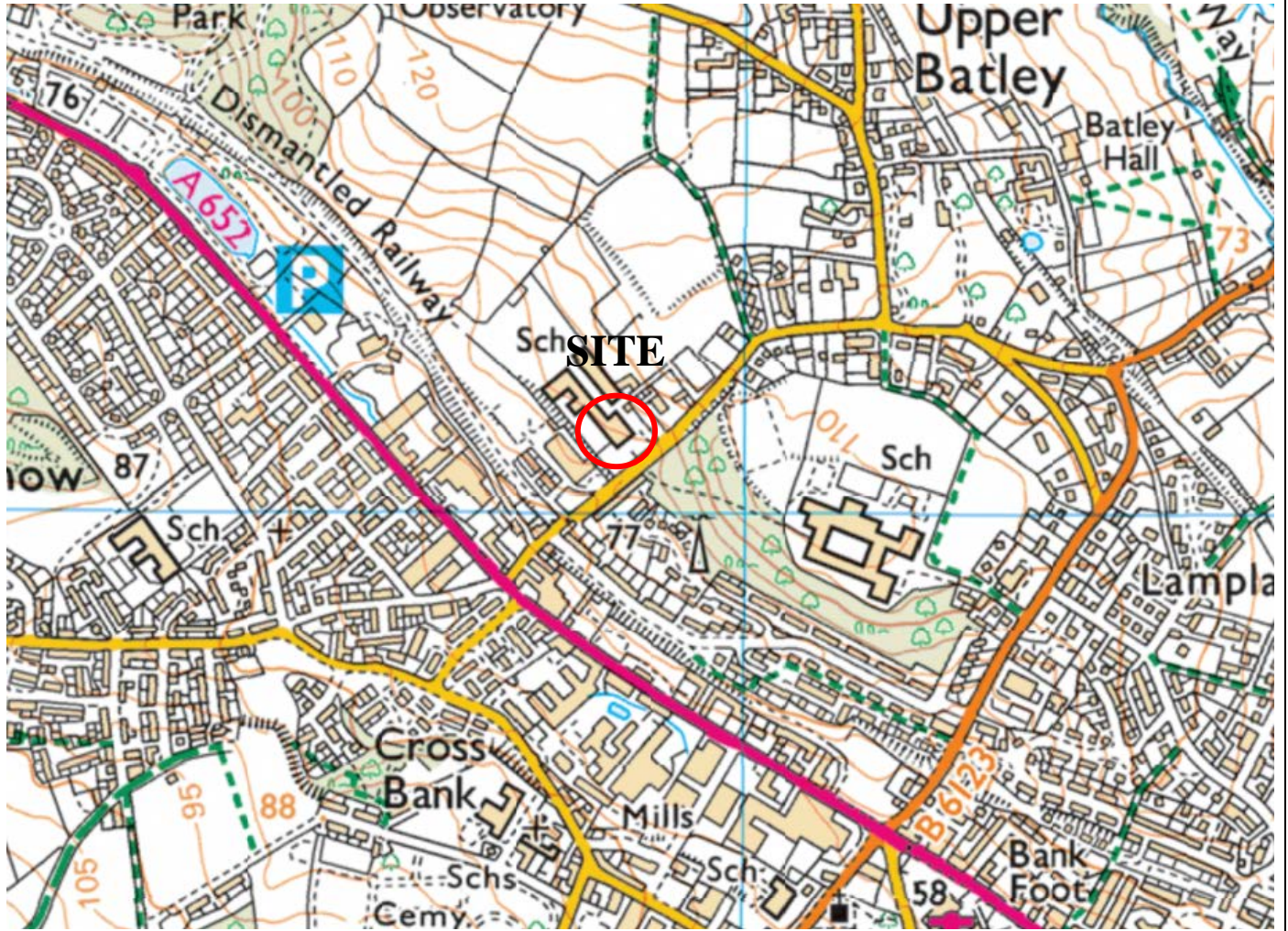
Batley Grammar School, Proposed New Steps
Coal Mining Risk Assessment

Appendices

Figures and Drawings

Batley Grammar School, Proposed New Steps
Coal Mining Risk Assessment

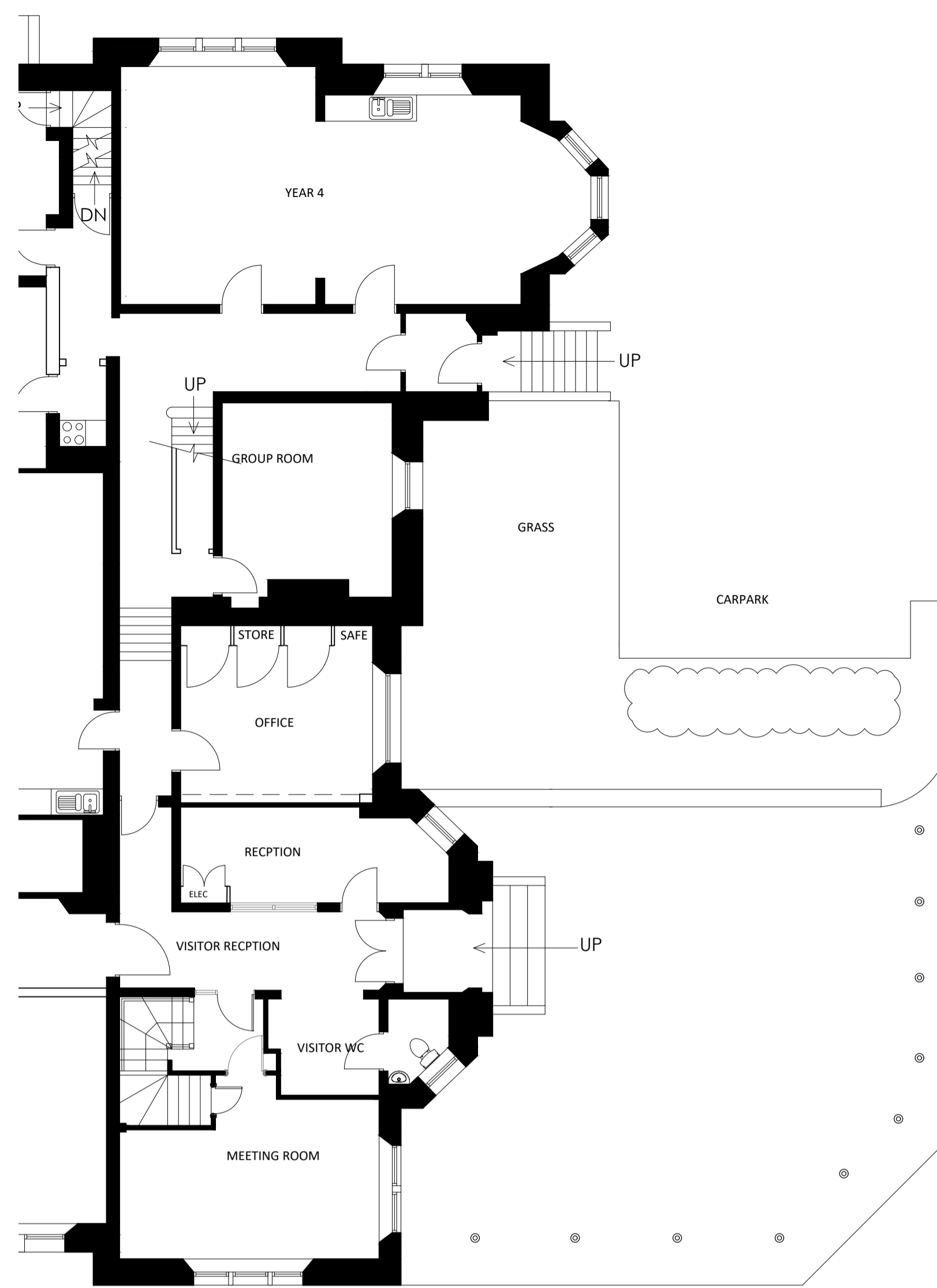
Appendix A – Site Location Plan



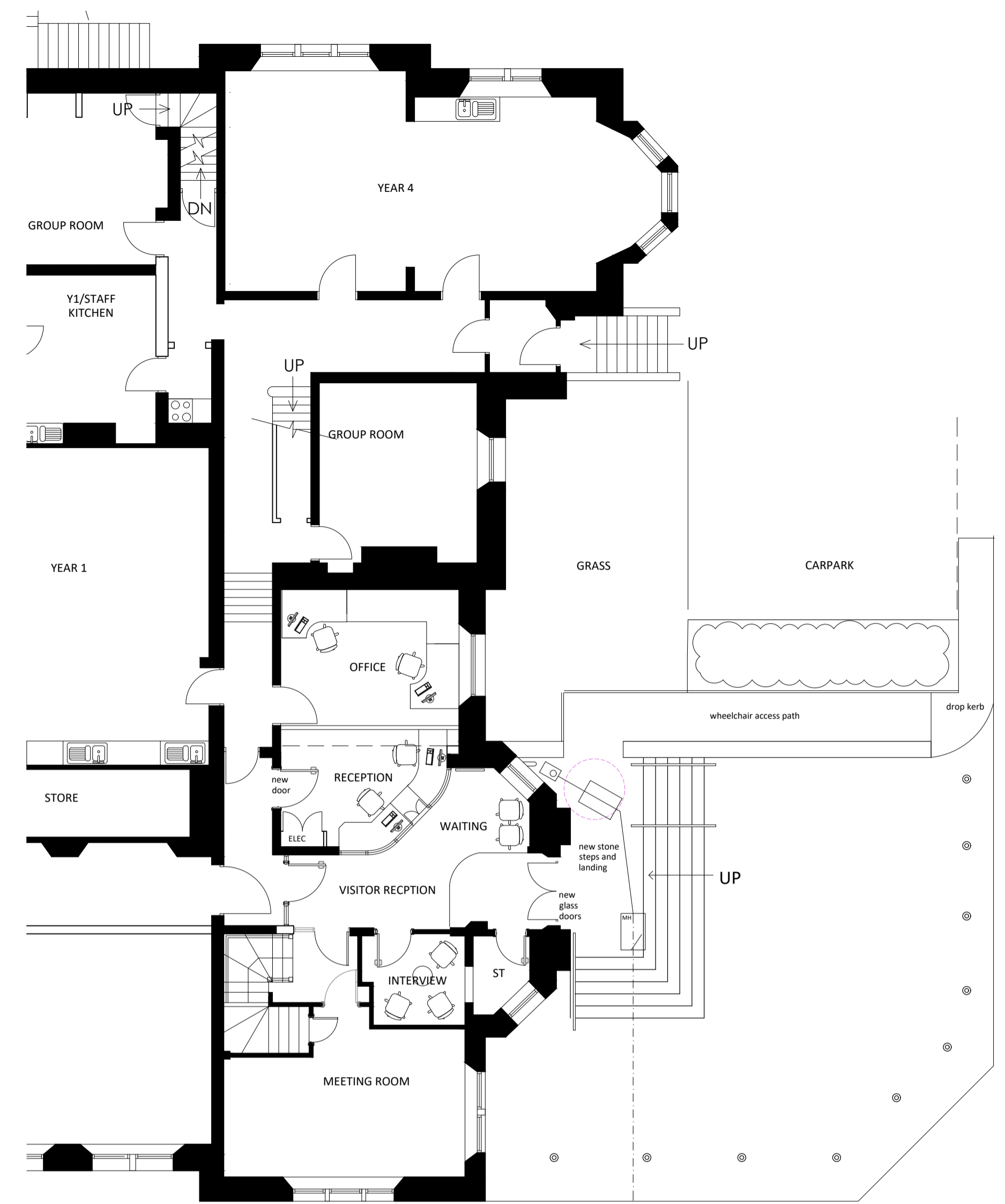
Chevin Geoviro Associates LTD Tel: 01943 470363 E-mail info@chevin-ltd.co.uk Geo-environmental Consultancy Ground Technologies & Investigation & Remediation	Project: Batley Grammar School, Batley, West Yorkshire	
	Client: Langtry Langton Architects	
	Project No. C0724	Date: 14/04/2026



SITE LOCATION PLAN
1/1250



EXISTING GROUND FLOOR PLAN
1:100



PROPOSED GROUND FLOOR PLAN
1:100



1:500 BLOCK PLAN



FRONT ELEVATION EXISTING
1:100



FRONT ELEVATION PROPOSED
1:100

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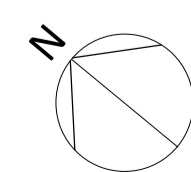
8 Oak Mount
Bradford
West Yorkshire
BD8 7BD

All work to be carried out in accordance with the requirements of the Building Regulations and the Water Authority Regulations currently in force.

Do not scale from this drawing. Architect to be notified of any discrepancies.

Verify relevant dimensions on site before commencing work or preparing shop drawings.
This drawing is copyright.

REV	DATE	DRAWN	AMENDMENT	CHK'D



PROJECT
Entrance Reorganisation
Carlthorpe Hill
for
Batley Grammar School
DRAWING TITLE
New Entrance Steps, Ramp & Door

PROJECT NO.	DRAWING NO.	REVISION
24020	• PLO1	• 1st
PURPOSE	Planning	CHECKED
SCALE @ A1 VARIES	DATE 20/03/2026	DRAWN

Batley Grammar School, Proposed New Steps
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Appendix B - Coal Authority Report



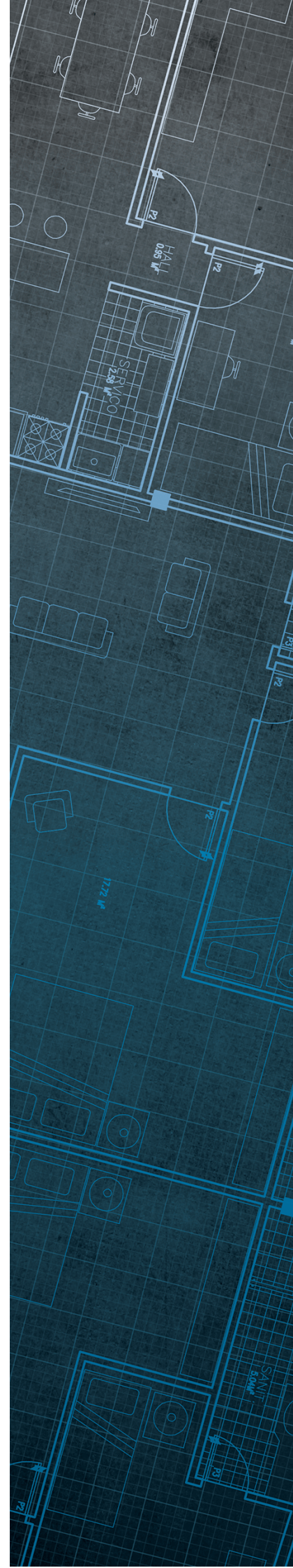
The Coal
Authority

Consultants Coal Mining Report

Batley Grammar School
Carlinghow Hill
Batley
Kirklees
WF17 0AD

Date of enquiry: 10 April 2026
Date enquiry received: 10 April 2026
Issue date: 10 April 2026

Our reference: 51003563840001
Your reference: C0724



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

Christiaan Wilkinson

Enquiry address

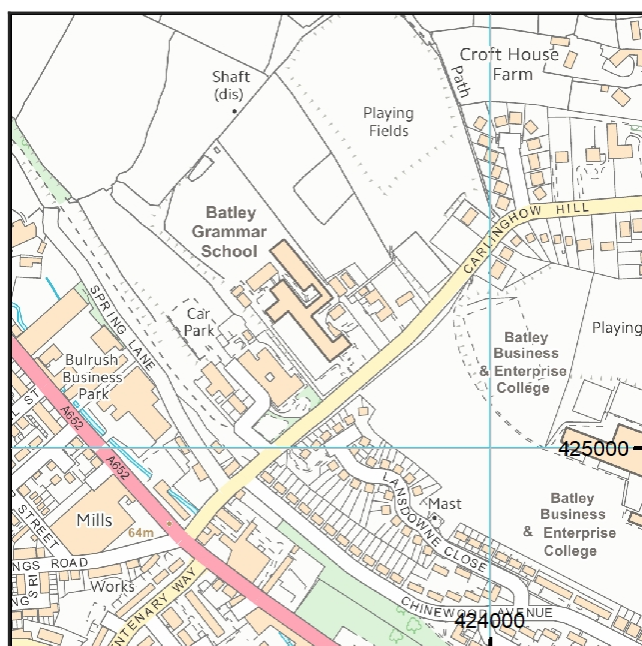
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Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	FLOCKTON THICK	Coal	62NL	37	Beneath Property	1.7	East	245	1894
unnamed	FLOCKTON THIN	Coal	62NV	50	Beneath Property	2.3	East	91	1895
unnamed	FLOCKTON THIN	Coal	62NU	52	North-East	2.3	East	91	1895
unnamed	MIDDLETON MAIN	Coal	6ZLI	101	South	1.6	East	160	1899
unnamed	MIDDLETON MAIN	Coal	62NT	111	Beneath Property	7.0	North-East	160	1896
unnamed	MIDDLETON MAIN	Coal	62NS	113	Beneath Property	6.7	North-East	160	1894
unnamed	SILKSTONE	Coal	6ZLM	141	South	2.3	East	43	1919
unnamed	SILKSTONE	Coal	62NF	150	South-East	2.3	East	43	1921
unnamed	BLACK BED	Coal	62NA	271	North-West	1.7	East	66	1924

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	423425-017	423740 425154	Drilled and grouted in November 2020.	Coal	

Abandoned mine plan catalogue numbers

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

8420	FGB415	8417
12673	M522	FGB759
9779	12675	12199

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

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

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
FLOCKTON THICK	Coal	Yes	44.4	West	162
JOAN	Coal	Yes	Within	N/A	156

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

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

Site investigations

Distance to site investigation (m)	Direction
14.7	West
Within	N/A

See Section 4 for further information.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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

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

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

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

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

Payments to owners of former copyhold land

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

Section 4 – Further information

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

Future development

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

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

Development advice

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

Site investigations

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

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

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please email us at 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**.

Past underground coal mining

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

Probable unrecorded shallow workings

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

Spine roadways at shallow depth

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

Mine entries

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

Abandoned mine plan catalogue numbers

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

Outcrops

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

Geological faults, fissures and breaklines

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

Opencast mines

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

Coal Authority managed tips

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

Site investigations

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

Remediated sites

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

Coal mining subsidence

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

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

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

Mine gas

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

Mine water treatment schemes

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

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

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

Future underground mining

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

Coal mining licensing

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

Court orders

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

Section 46 notices

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

Withdrawal of support notices






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

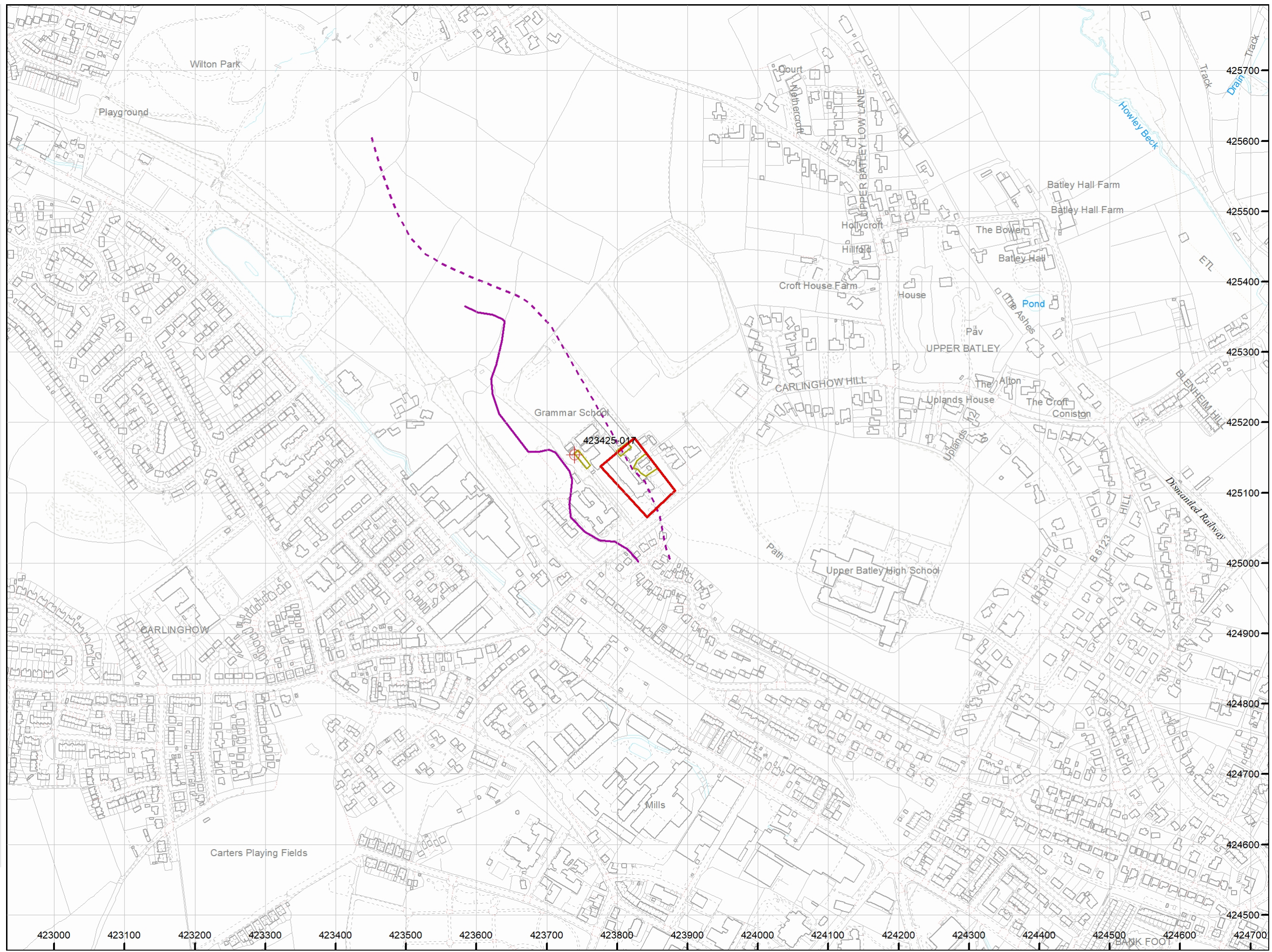
Payment to owners of former copyhold land

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

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

Key

- Approximate position of the enquiry boundary shown 
- Disused mine shaft 
- Outcrop (Proven) 
- Outcrop (Conjectured) 
- Site investigations 



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