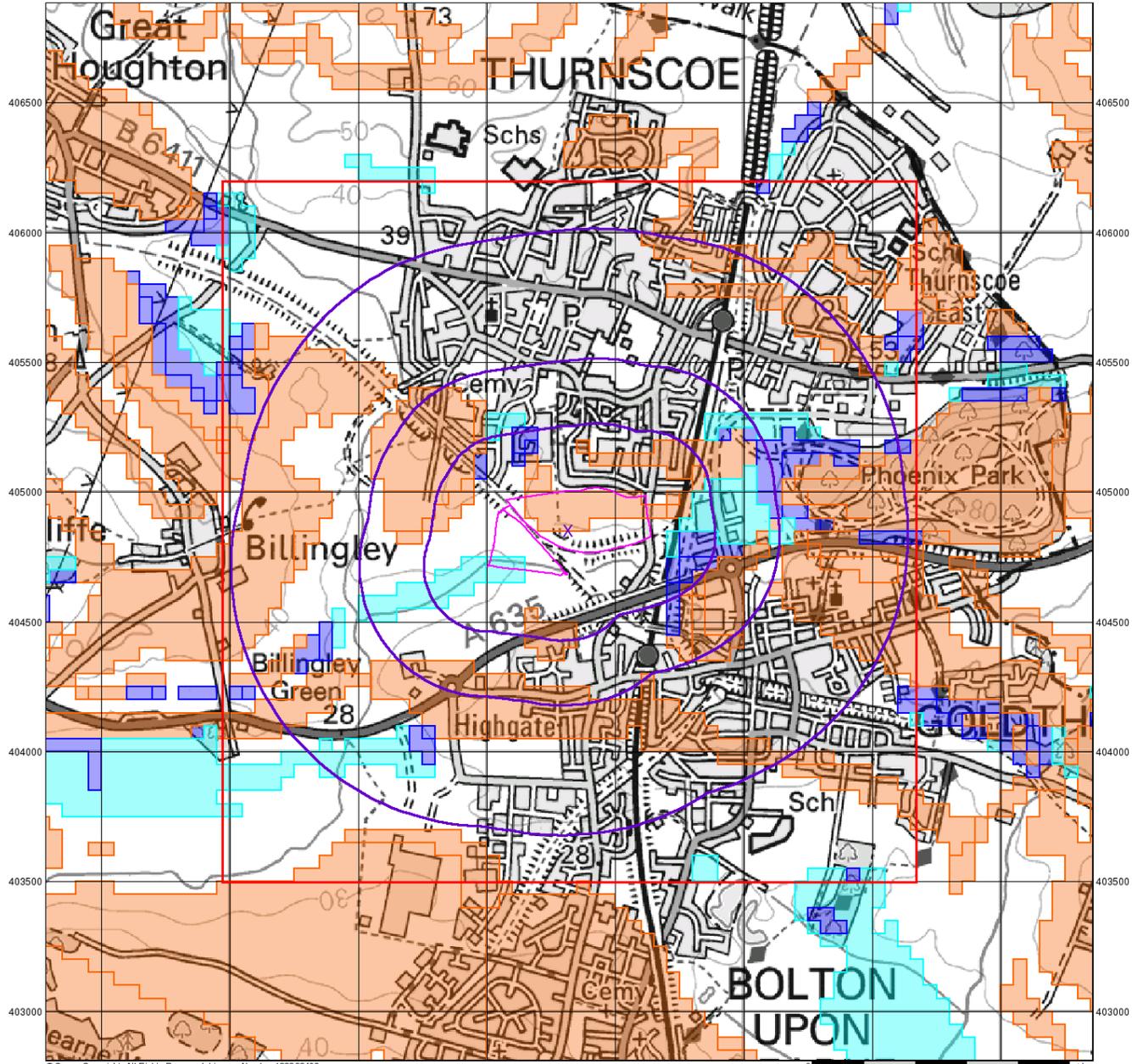


443500 444000 444500 445000 445500 446000 446500 447000



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BGS Flood GFS Data

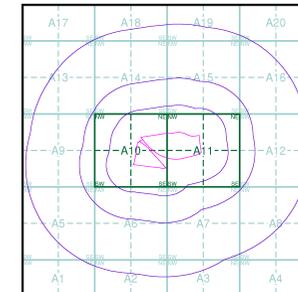
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 341038485_1_1
 Customer Ref: 48926
 National Grid Reference: 445320, 404850
 Slice: A
 Site Area (Ha): 13.73
 Search Buffer (m): 1000

Site Details

Site at 445320, 404880

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Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



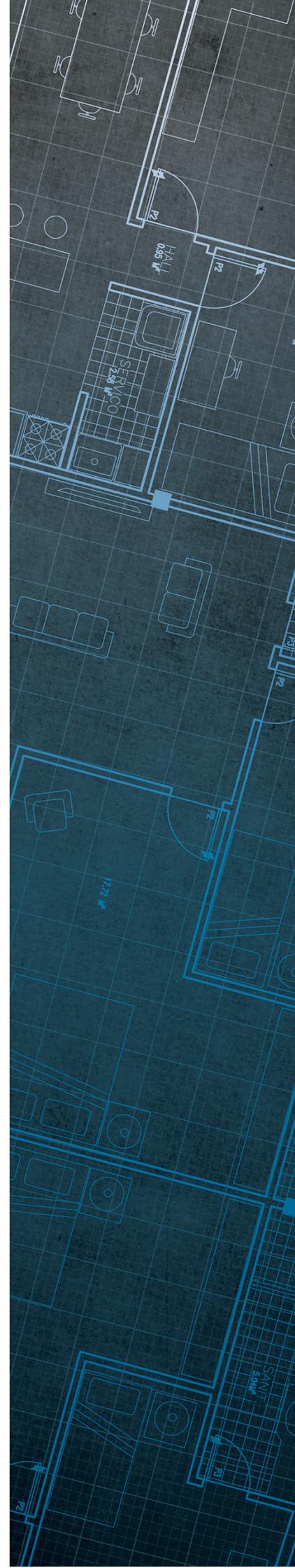
The Coal
Authority

Consultants Coal Mining Report

Thurnscoe Bridge Lane
Thurnscoe
Barnsley
Barnsley
S63 0SN

Date of enquiry: 28 March 2024
Date enquiry received: 28 March 2024
Issue date: 28 March 2024

Our reference: 51003414610001
Your reference: 48926



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

EASTWOOD & PARTNERS (CONSULTING ENGINEERS) LTD

Enquiry address

Thurnscoe Bridge Lane
Thurnscoe
Barnsley
Barnsley
S63 0SN

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 | SHAFTON | Coal | 5R6G | 27 | South | 3.5 | North | 160 | 1945 |
| unnamed | SHAFTON | Coal | 5R9G | 34 | Beneath Property | 2.8 | North | 160 | 1926 |
| unnamed | SHAFTON | Coal | 5R8G | 42 | Beneath Property | 5.2 | North | 160 | 1931 |
| WATH | SHAFTON | Coal | 5TYK | 55 | Beneath Property | 4.5 | North | 160 | 1931 |
| WATH | NEWHILL | Coal | 5R2H | 271 | South-East | 1.4 | North-West | 147 | 1978 |
| BARNBURGH | MELTONFIELD | Coal | 5RBG | 294 | South-East | 1.9 | North-West | 116 | 1969 |
| WATH | NEWHILL | Coal | N30S | 298 | Beneath Property | 2.6 | North-West | 152 | 1976 |
| WATH | NEWHILL | Coal | 5R1H | 301 | Beneath Property | 4.2 | North | 152 | 1978 |
| BARNBURGH | MELTONFIELD | Coal | 5RAG | 310 | Beneath Property | 4.0 | North-West | 116 | 1972 |
| WATH | NEWHILL | Coal | N36 | 312 | Beneath Property | 5.7 | North-West | 165 | 1982 |
| WATH | NEWHILL | Coal | N38 | 329 | North-West | 1.8 | North | 152 | 1979 |
| WATH | MELTONFIELD | Coal | 5TYP | 334 | North | 0.0 | East | 115 | 1972 |
| WATH | MELTONFIELD | Coal | 5TYQ | 352 | North-West | 5.3 | North-West | 117 | 1972 |
| HOUGHTON MAIN | TOP HARD BARNSELY | Coal | 5R4H | 448 | Beneath Property | 4.0 | North-West | 183 | 1932 |
| HICKLETON | TOP HARD BARNSELY | Coal | 5TYW | 457 | Beneath Property | 3.9 | North-West | 203 | 1926 |
| HICKLETON | PARKGATE | Coal | 4MR8 | 664 | East | 3.6 | North-East | 157 | 1946 |
| HICKLETON | PARKGATE | Coal | 4RRJ | 666 | East | 4.5 | North-East | 180 | 1936 |
| HICKLETON | PARKGATE | Coal | P81 | 676 | South-East | 3.3 | North-West | 198 | 1984 |
| HICKLETON | PARKGATE | Coal | P80 | 679 | East | 2.5 | North-West | 178 | 1983 |
| HOUGHTON | PARKGATE | Coal | 5R5H | 686 | Beneath Property | 4.2 | North-West | 198 | 1956 |
| HICKLETON | PARKGATE | Coal | 5OS7 | 689 | Beneath Property | 5.0 | North-West | 198 | 1966 |
| HOUGHTON | SILKSTONE | Coal | X50 | 757 | Beneath Property | 5.5 | North-West | 124 | 1986 |

| 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 |
|----------|-----------|---------|--------------------------|-----------|----------------------|---------------------------------------|---------------------------------|---------------------------|-----------------|
| HOUGHTON | SILKSTONE | Coal | X52 | 789 | South-West | 4.6 | North-West | 121 | 1990 |
| HOUGHTON | SILKSTONE | Coal | X51 | 800 | West | 4.4 | North-West | 119 | 1986 |
| HOUGHTON | SILKSTONE | Coal | X04 | 820 | North-West | 4.4 | North | 126 | 1981 |
| HOUGHTON | SILKSTONE | Coal | X06 | 828 | North-West | 3.0 | North-West | 128 | 1983 |

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:

| | | |
|--------|--------|-------|
| 13930 | NE1024 | NE825 |
| NE672 | 16528 | NE344 |
| NE1065 | NE957 | NE999 |

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

Outcrops

| Seam name | Mineral | Seam workable | Distance to outcrop (m) | Direction to outcrop | Bearing of outcrop |
|-----------|---------|---------------|-------------------------|----------------------|--------------------|
| HIGHGATE | Coal | Yes | Within | N/A | 356 |

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

There are 2 claim(s) within 50 metres of the property boundary that do not match the property address. These are shown on the enquiry boundary plot.

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.

If further subsidence damage claims information is required, please visit www.groundstability.com.

See Section 4 for further information.

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 in an area where notices to withdraw support were given in 1946, 1977, 1980, 1982, 1983 and 1986.

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.

Coal mining subsidence

The site is within an area of previous interest. It is close to where the Coal Authority or licensed mine operator has investigated and where necessary remediated issues relating to coal mining subsidence.

The site requires further investigation and may influence your risk assessment. We recommend that you order the appropriate **Coal Authority Subsidence Claims 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. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes

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

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

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

Future underground mining

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

Coal mining licensing

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

Court orders

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

Section 46 notices

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

Withdrawal of support notices

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

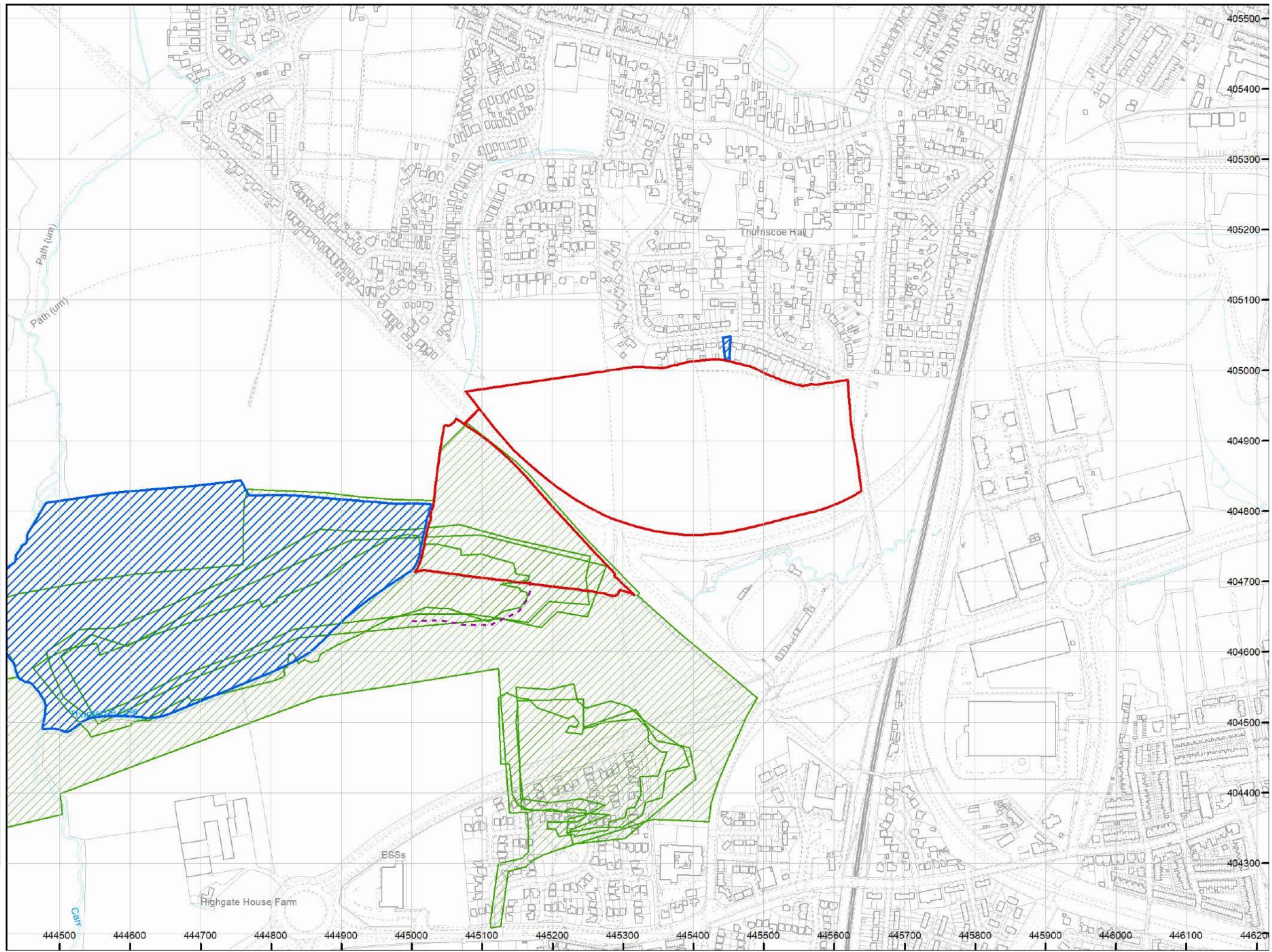
Payment to owners of former copyhold land

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

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

Key

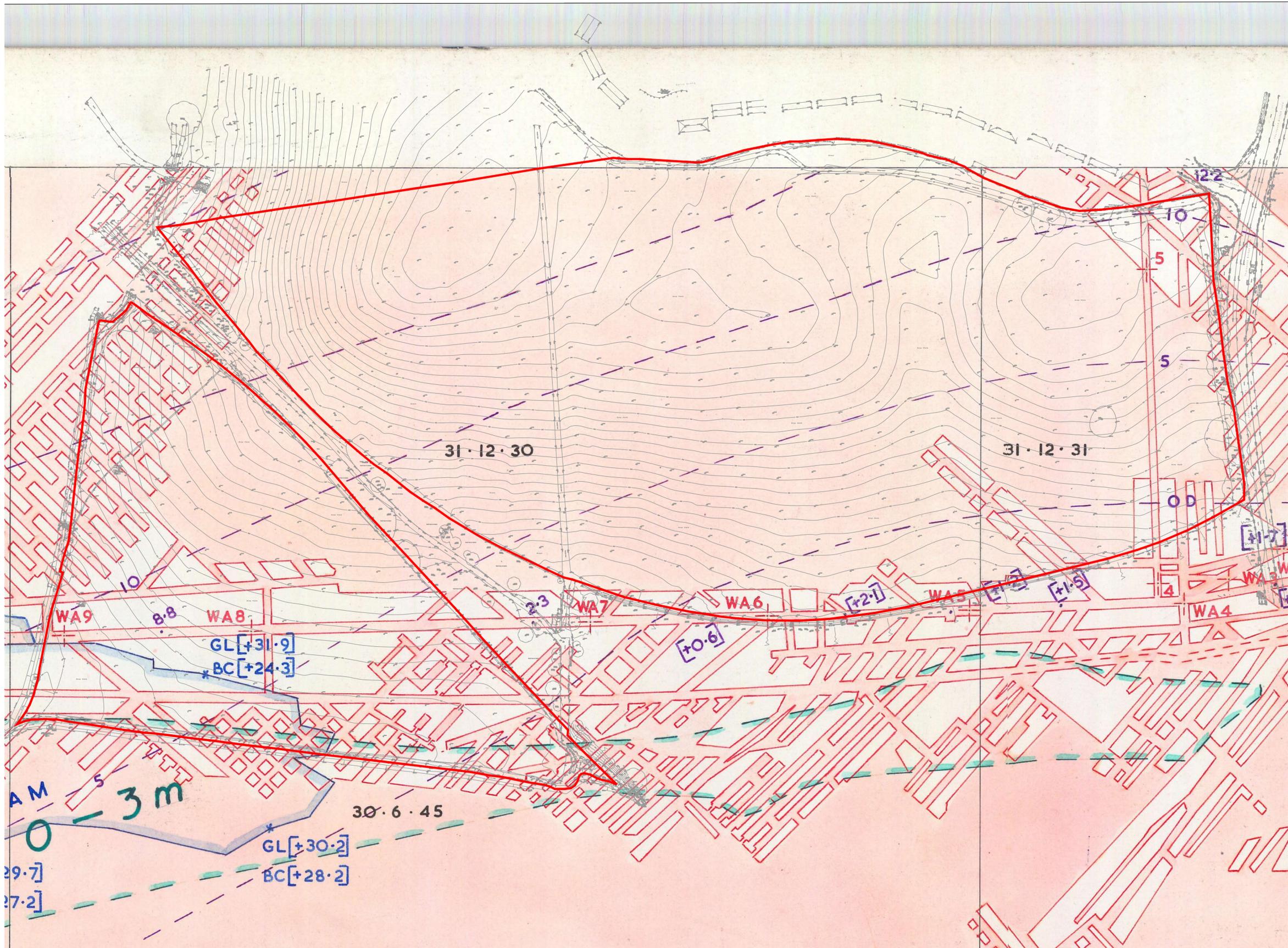
- Approximate position of the enquiry boundary shown 
- Outcrop (Conjectured) 
- Unlicensed opencast site 
- Coal claim 





Key:
 Approximate position of site boundary.

Note: Plan 16528_444404 denotes extent of underground workings in the Shafton coal seam.



| | | | | |
|-----|--------------|-----|-----|------------|
| P01 | First issue. | JL | KE | 31.05.2024 |
| REV | DESCRIPTION | SIG | CHK | DATE |

AVANT HOMES

LAND OFF THURNSCOE BRIDGE LANE

ABANDONMENT PLAN OVERLAY
16528_444404



St Andrew's House
23 Kingfield Road
Sheffield, S11 9AS

T: 0114 255 4554
E: mail@eastwoodce.com
eastwoodce.com

| | | | |
|---------------------------------------|-------------|--------|--------------|
| ECE PROJECT No | SCALE AT A1 | STATUS | SUITABLE FOR |
| 48926 | 1:1000 | S0 | Initial |
| DRAWING NUMBER | | | |
| 48926 - ECE - XX - XX - DR - C - 0030 | P01 | REV | |
| Project | Originator | Zone | Level |
| | | Type | Role |
| | | | Number |