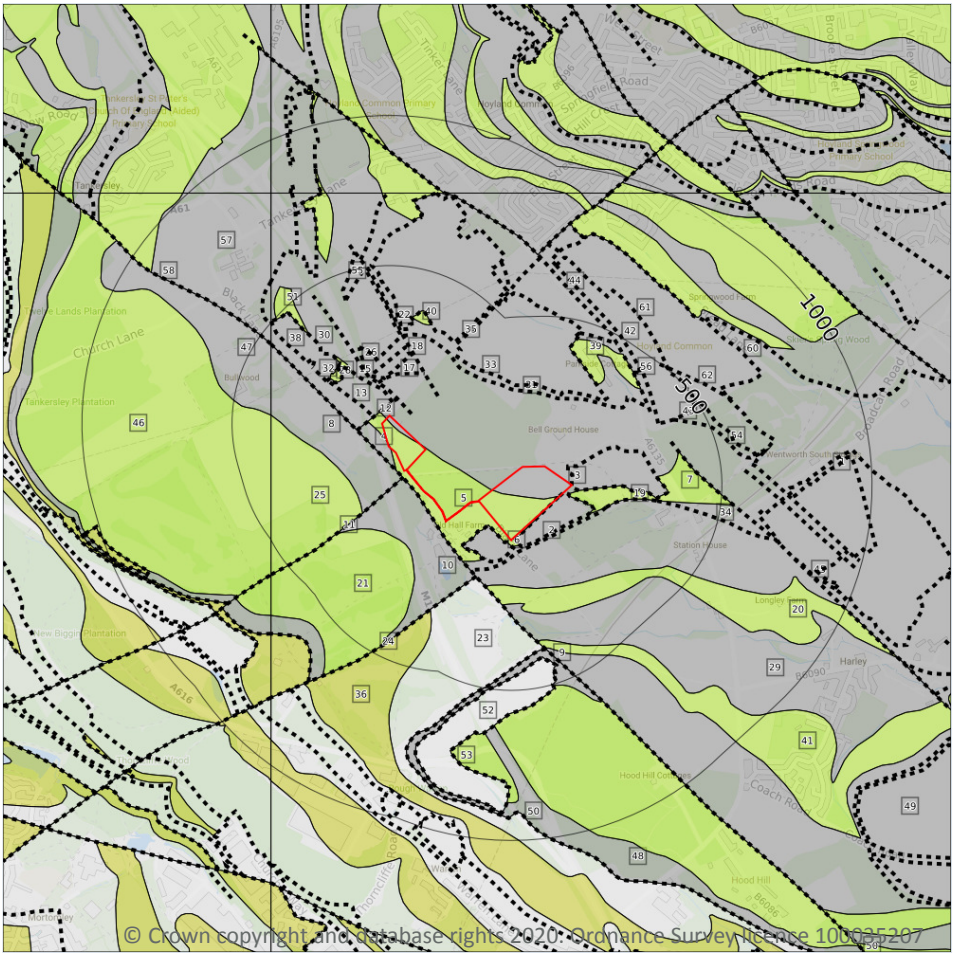
Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m	23

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 94**

ID	Location	LEX Code	Description	Rock age
1	On site	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
4	On site	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age

ID	Location	LEX Code	Description	Rock age
5	**On site**	**PMCM-SDST**	**Pennine Middle Coal Measures Formation - Sandstone**	**Bolsovian Sub-age - Duckmantian Sub-age**
7	14m SE	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
8	18m SW	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
10	22m SW	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
20	151m S	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
21	153m SW	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
23	169m SW	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
25	174m SW	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
28	196m NW	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
29	212m S	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
36	298m S	PLCM-SDST	Pennine Lower Coal Measures Formation - Sandstone	Langsettian Sub-age
39	322m NE	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
40	326m N	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
41	347m S	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
46	370m W	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
47	371m W	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
48	379m S	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
49	379m S	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
51	381m NW	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age

ID	Location	LEX Code	Description	Rock age
52	402m S	PLCM-MDSS	Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone	Langsettian Sub-age
57	455m NW	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m **39**

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

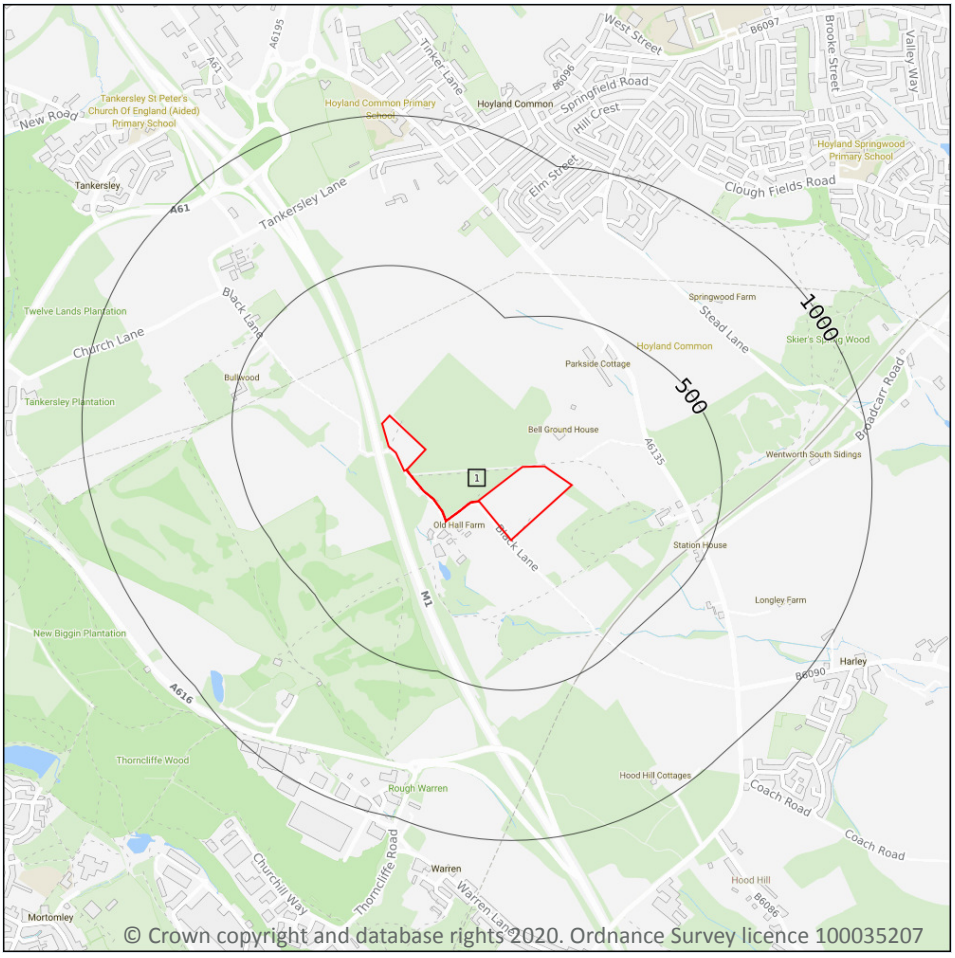
Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 94**

ID	Location	Category	Description
2	**On site**	**ROCK**	**Coal seam, observed**
3	**On site**	**ROCK**	**Coal seam, observed**
6	14m SW	ROCK	Coal seam, observed
9	18m SW	FAULT	Normal fault, inferred
11	23m S	FAULT	Normal fault, inferred
12	30m NW	FAULT	Normal fault, inferred
13	36m NW	ROCK	Coal seam, inferred
14	45m SE	ROCK	Coal seam, inferred
15	46m N	ROCK	Coal seam, observed
16	54m NE	FAULT	Normal fault, inferred
17	116m N	ROCK	Coal seam, inferred
18	126m N	ROCK	Coal seam, observed
19	136m SE	ROCK	Coal seam, inferred coincident with bedrock geology boundary
22	156m NE	FAULT	Normal fault, inferred
24	169m SW	FAULT	Normal fault, inferred
26	178m NW	ROCK	Coal seam, inferred
27	192m N	ROCK	Coal seam, observed

ID	Location	Category	Description
30	230m NW	ROCK	Coal seam, observed
31	230m N	ROCK	Coal seam, inferred
32	233m NW	ROCK	Coal seam, inferred
33	246m N	ROCK	Coal seam, observed
34	289m E	ROCK	Coal seam, inferred
35	291m N	ROCK	Coal seam, observed
37	298m NW	ROCK	Coal seam, observed
38	322m NW	ROCK	Coal seam, inferred
42	353m NE	ROCK	Coal seam, observed
43	353m NE	ROCK	Coal seam, observed
44	355m NE	FAULT	Normal fault, inferred
45	361m NE	FAULT	Normal fault, inferred
50	379m S	ROCK	Coal seam, inferred
53	402m S	ROCK	Coal seam, observed
54	403m NE	ROCK	Coal seam, inferred
55	411m N	ROCK	Coal seam, inferred
56	425m NE	ROCK	Coal seam, observed
58	455m NW	FAULT	Normal fault, inferred
59	459m N	ROCK	Coal seam, inferred
60	489m NE	ROCK	Coal seam, observed
61	489m NE	ROCK	Coal seam, observed
62	498m NE	FAULT	Normal fault, inferred

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	1

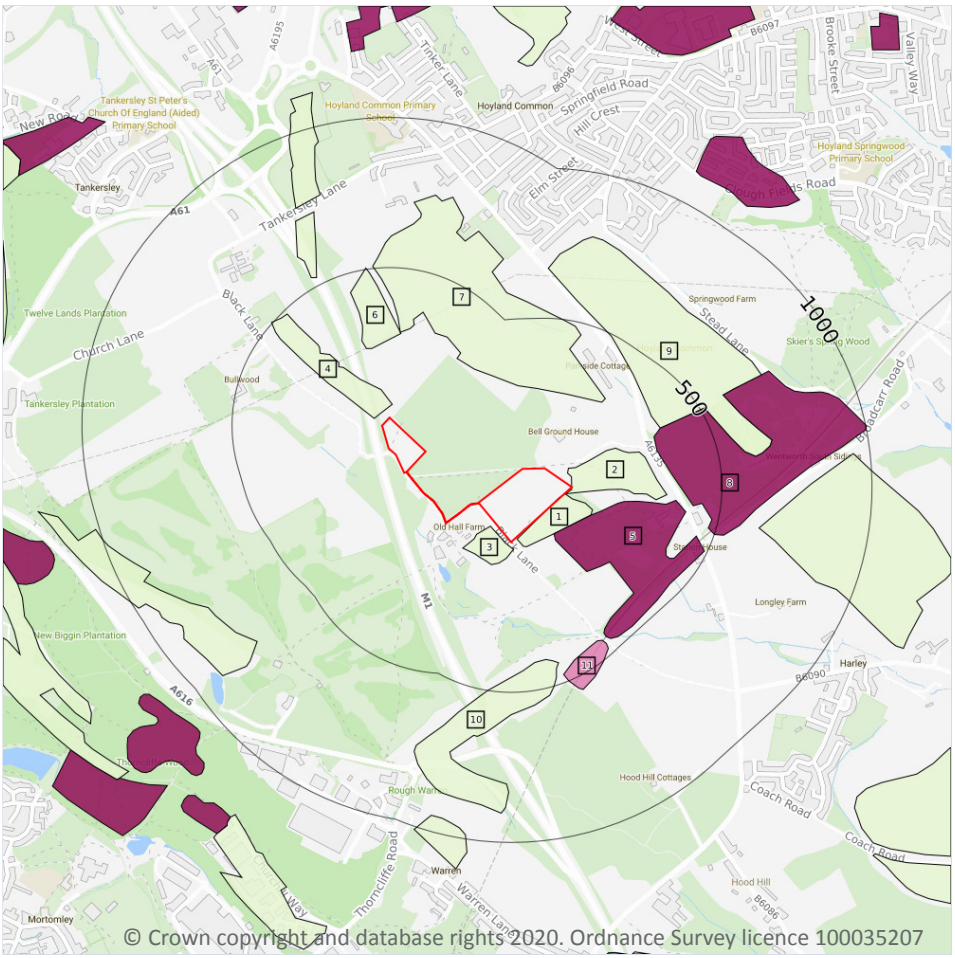
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 98**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**No coverage**	**Full**	**Full**	**Full**	**EW087_barnsley_v4**

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground



15.2 Artificial and made ground (50k)

Records within 500m **11**

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 99**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**WMGR-ARTDP**	**INFILLED GROUND**	**ARTIFICIAL DEPOSIT**
2	**On site**	**WMGR-ARTDP**	**INFILLED GROUND**	**ARTIFICIAL DEPOSIT**
3	14m SW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
4	30m NW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT

ID	Location	LEX Code	Description	Rock description
5	75m SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
6	238m N	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
7	257m N	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
8	309m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
9	354m NE	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
10	407m S	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
11	436m SE	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m	**4**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**Very High**	**Low**
On site	**Mixed**	**Very High**	**Low**
14m S	Mixed	Very High	Low
30m NW	Mixed	Very High	Low

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial

15.4 Superficial geology (50k)

Records within 500m	0

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

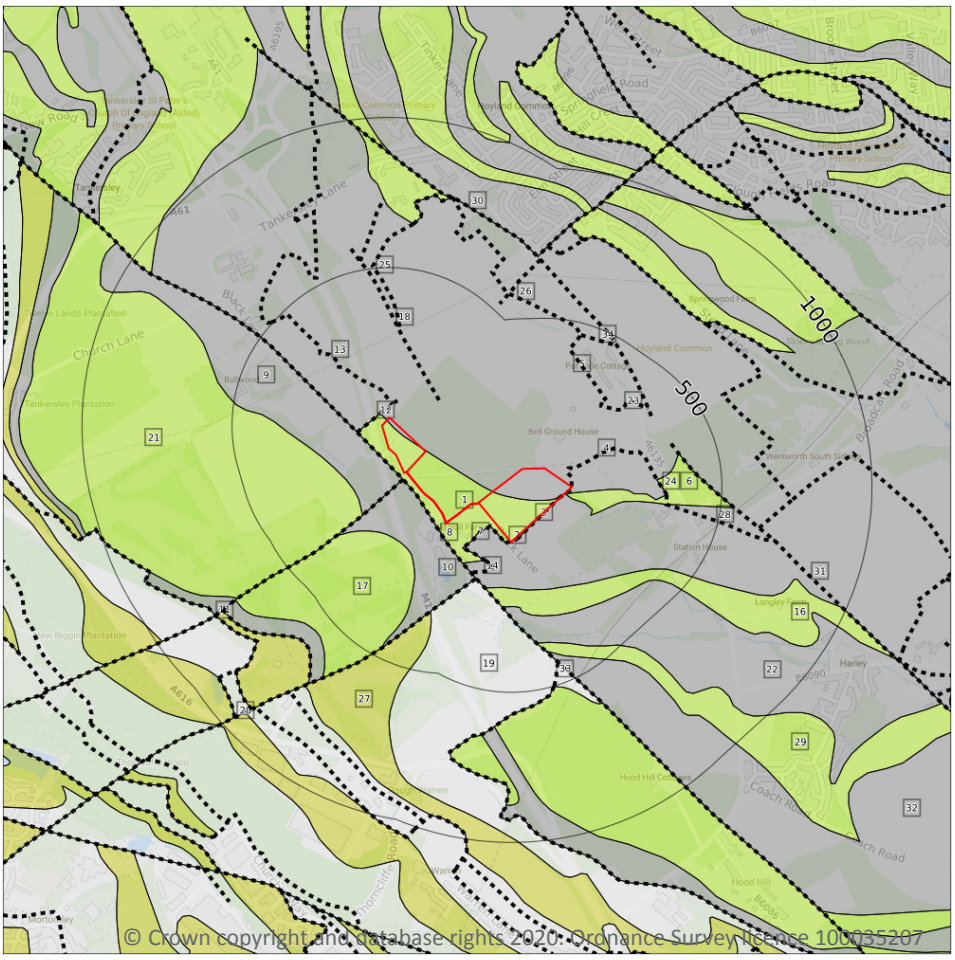
15.7 Landslip permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m **13**

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 102**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**PMCM-SDST**	**PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE**	**WESTPHALIAN**
5	**On site**	**PMCM-MDSS**	**PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**

ID	Location	LEX Code	Description	Rock age
6	2m SE	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
9	18m SW	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
10	22m SW	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
16	153m S	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
17	153m SW	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
19	168m SW	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
21	175m SW	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
22	215m S	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
27	297m S	PLCM-SDST	PENNINE LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
29	347m S	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
32	380m S	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m **3**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**Moderate**	**Low**
2m E	Fracture	High	Moderate

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	21

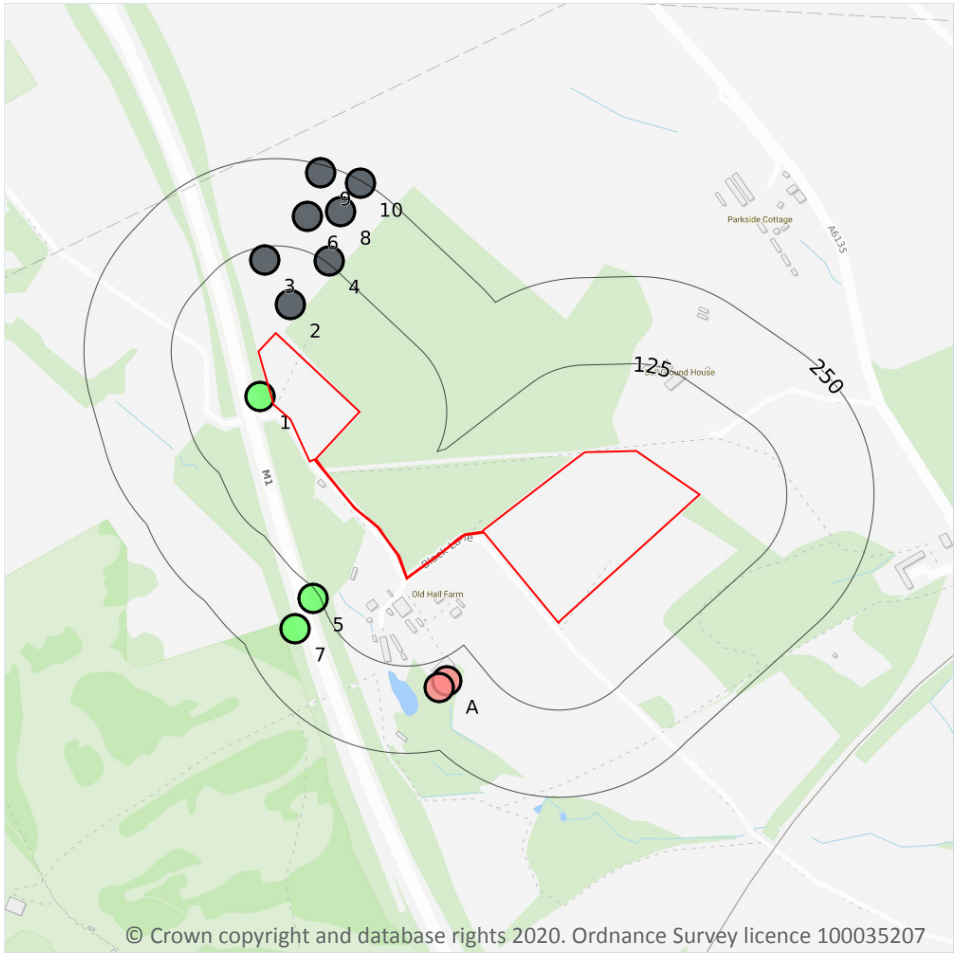
Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 102**

ID	Location	Category	Description
2	**On site**	**ROCK**	**Coal seam, inferred**
3	**On site**	**ROCK**	**Coal seam, inferred**
4	**On site**	**ROCK**	**Coal seam, inferred**
7	16m SW	ROCK	Coal seam, inferred
8	18m SW	FAULT	Fault, inferred
11	22m S	FAULT	Fault, inferred
12	30m NW	FAULT	Fault, inferred, displacement unknown
13	45m N	ROCK	Coal seam, inferred
14	100m SW	ROCK	Coal seam, inferred
15	100m SW	ROCK	Coal seam, inferred
18	155m NE	FAULT	Fault, inferred
20	168m SW	FAULT	Fault, inferred
23	278m NE	ROCK	Coal seam, inferred
24	285m E	ROCK	Coal seam, inferred
25	287m N	ROCK	Coal seam, inferred
26	289m NE	ROCK	Coal seam, inferred
28	318m E	ROCK	Coal seam, inferred
30	355m NE	FAULT	Fault, inferred
31	361m NE	FAULT	Fault, inferred
33	431m S	ROCK	Coal seam, inferred
34	460m N	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

Confidential

0 - 10m

10 - 30m

30m+

Unknown

16.1 BGS Boreholes

Records within 250m	12

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

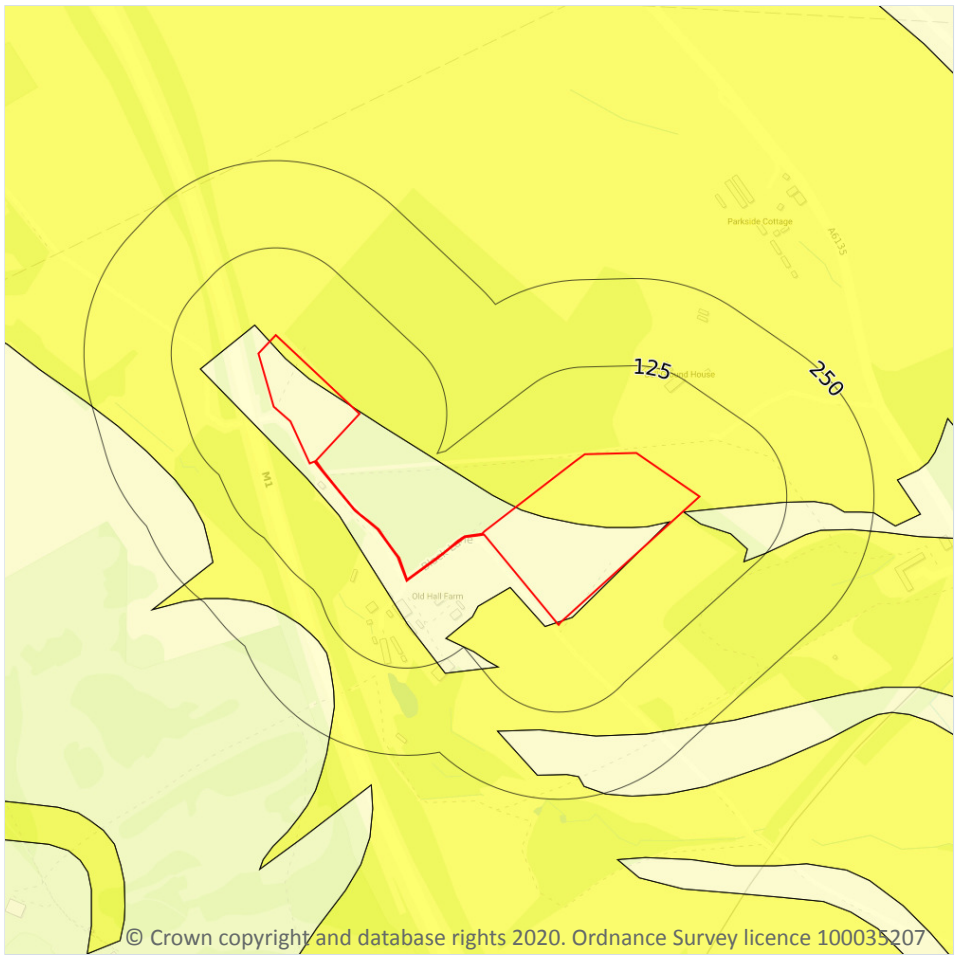
Features are displayed on the Boreholes map on **page 105**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	15m W	435373 399168	SOUTH YORKSHIRE COA NMCS2 UPGRADE M44	16.2	N	18913522
2	45m NE	435416 399299	HOYLAND COMMON BARNSLEY BH0-30	-	Y	N/A
3	107m N	435379 399364	HOYLAND COMMON BARNSLEY BH0-31	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
4	129m NE	435472 399362	HOYLAND COMMON BARNSLEY BH0-29	-	Y	N/A
5	134m SW	435449 398879	M1 J32-35A MANAGED MOTORWAY WS62/R50	18.0	N	18950918
A	157m S	435640 398760	TANKERSLEY PARK PIT	131.01	N	215479
A	162m S	435629 398751	TANKERSLEY PARK PIT	102.41	N	215179
6	174m N	435441 399426	HOYLAND COMMON BARNSLEY BH0-28	-	Y	N/A
7	175m SW	435423 398835	M1 J32-35A MANAGED MOTORWAY WS61/R49	24.0	N	18950916
8	198m NE	435488 399433	HOYLAND COMMON BARNSLEY BH0-27	-	Y	N/A
9	239m N	435459 399489	HOYLAND COMMON BARNSLEY BH0-26	-	Y	N/A
10	246m NE	435516 399473	HOYLAND COMMON BARNSLEY BH0-23	-	Y	N/A

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	3

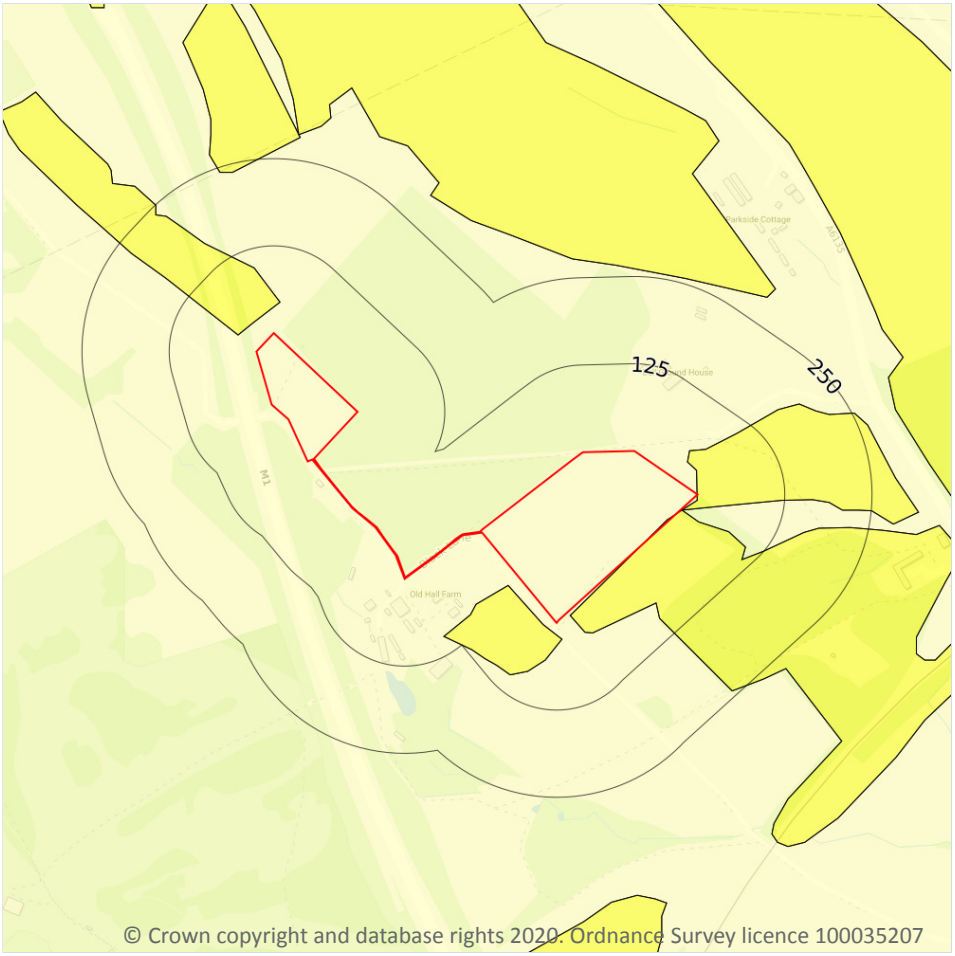
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 107**

Location	Hazard rating	Details
On site	**Negligible**	**Ground conditions predominantly non-plastic.**
On site	**Very low**	**Ground conditions predominantly low plasticity.**
2m SE	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m	4

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

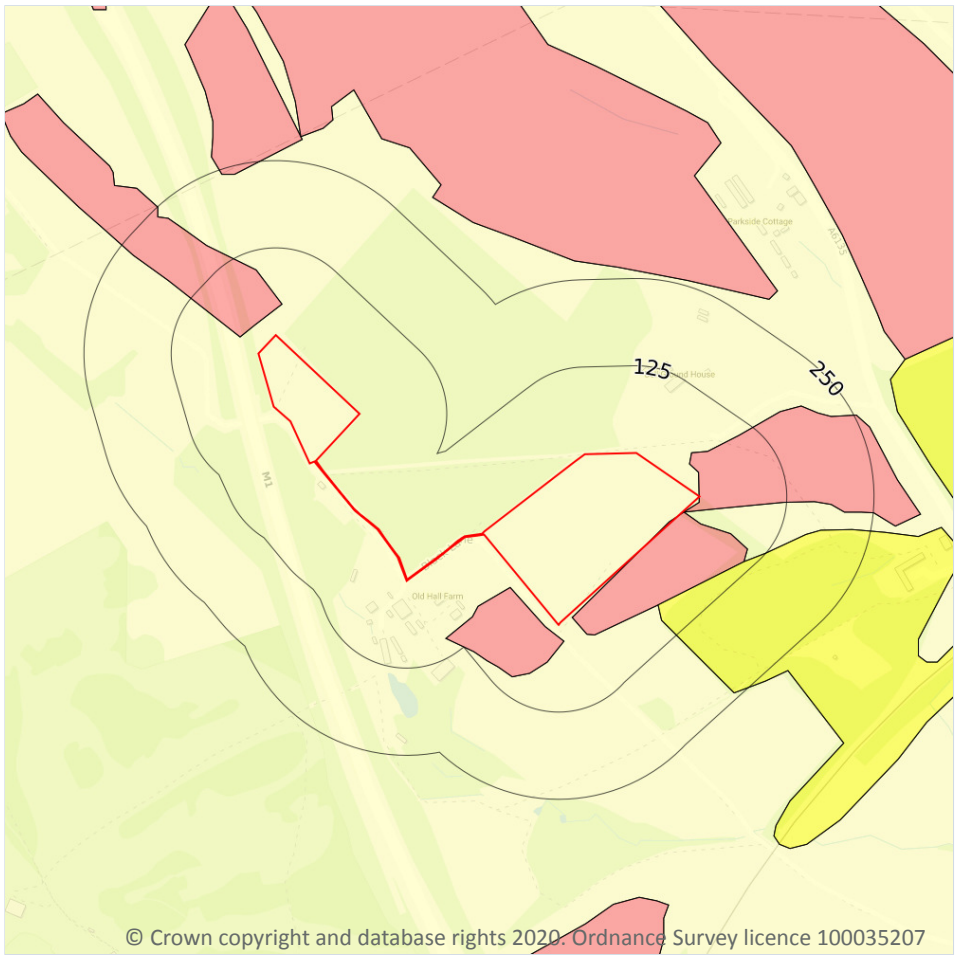
Features are displayed on the Natural ground subsidence - Running sands map on **page 109**

Location	Hazard rating	Details
On site	**Negligible**	**Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.**

Location	Hazard rating	Details
On site	**Very low**	**Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.**
14m SW	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
30m NW	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	4

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

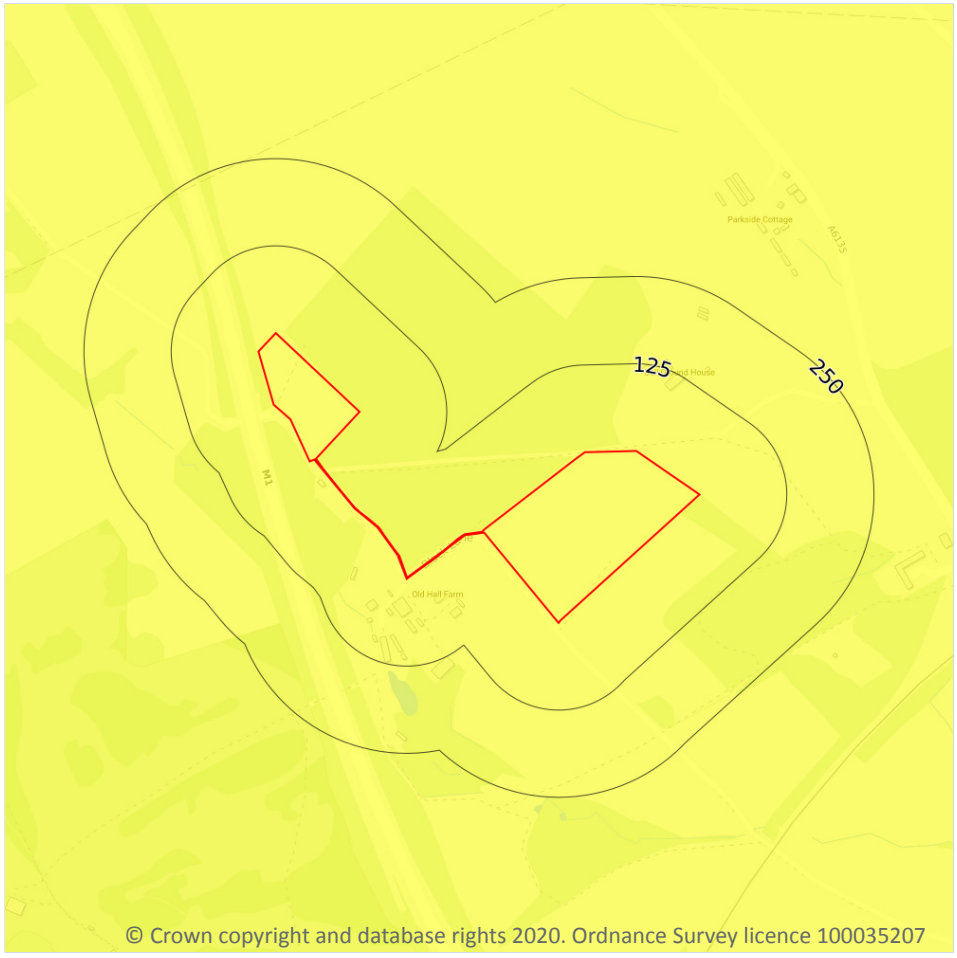
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 111**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
On site	**Moderate**	**Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.**

Location	Hazard rating	Details
14m SW	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
30m NW	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m	1

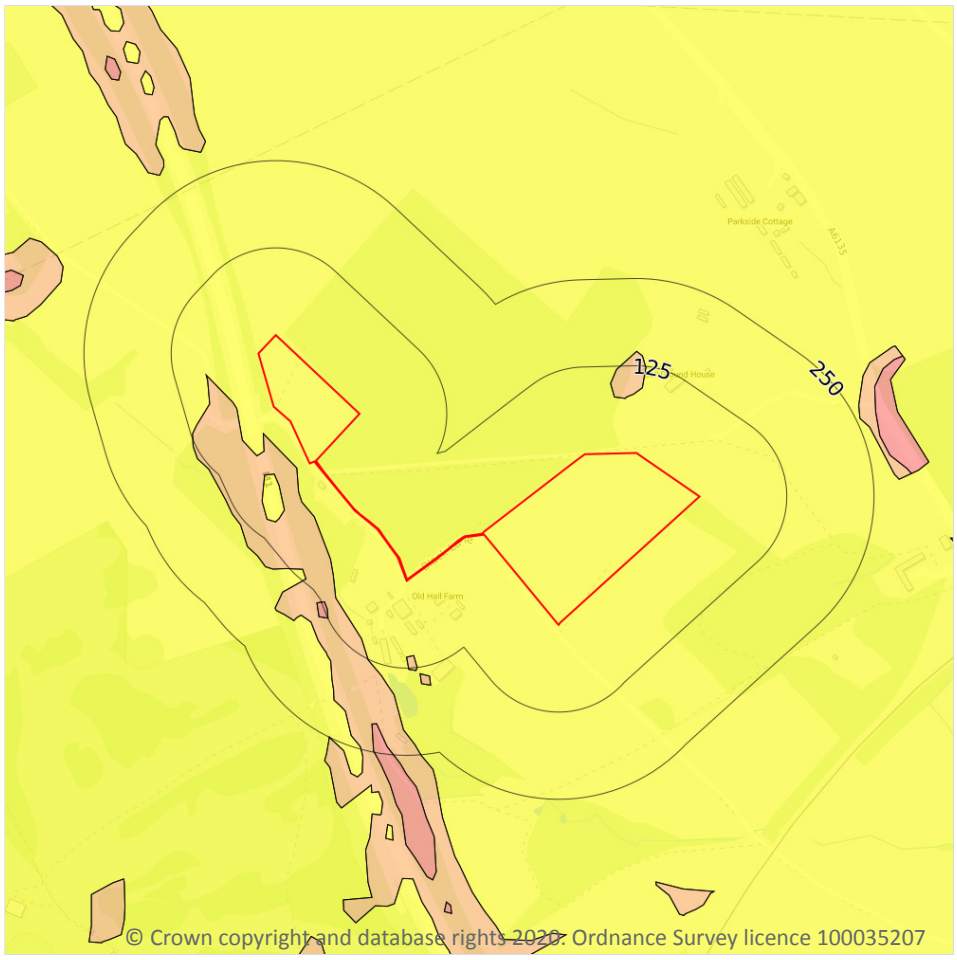
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 113**

Location	Hazard rating	Details
On site	**Very low**	**Deposits with potential to collapse when loaded and saturated are unlikely to be present.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	2

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

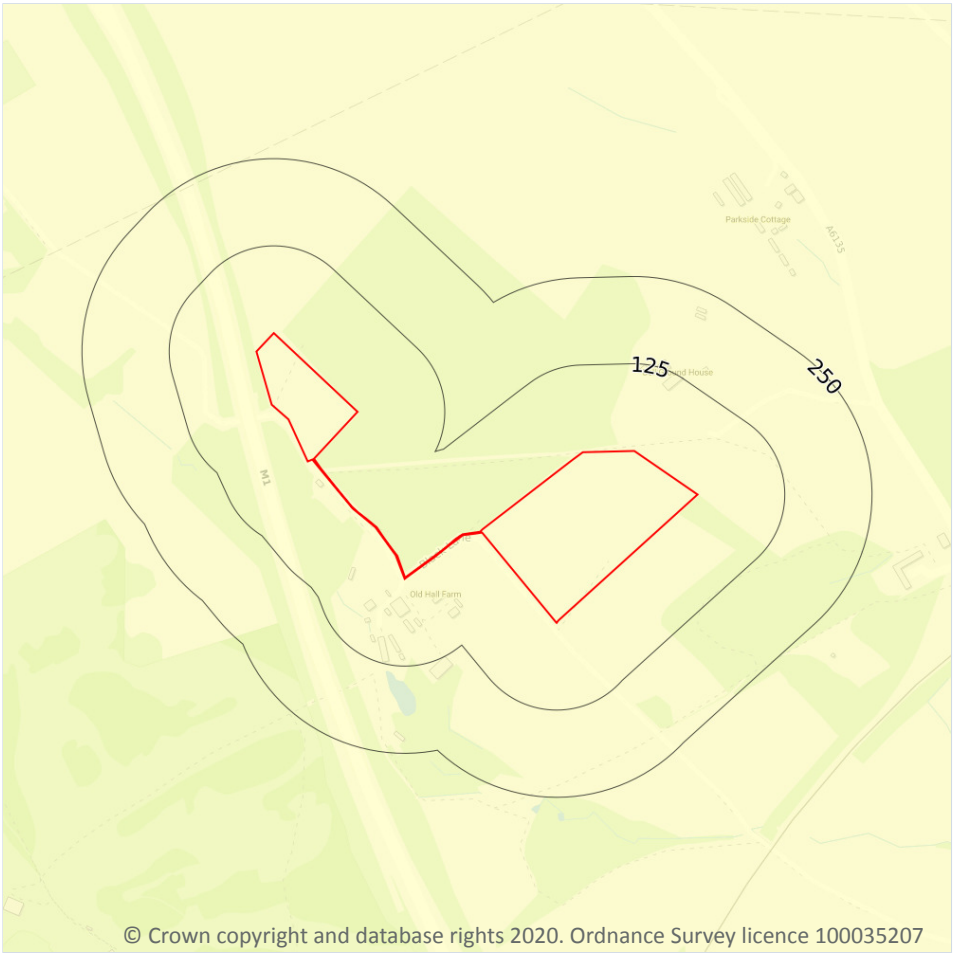
Features are displayed on the Natural ground subsidence - Landslides map on **page 114**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

Location	Hazard rating	Details
20m SW	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	1

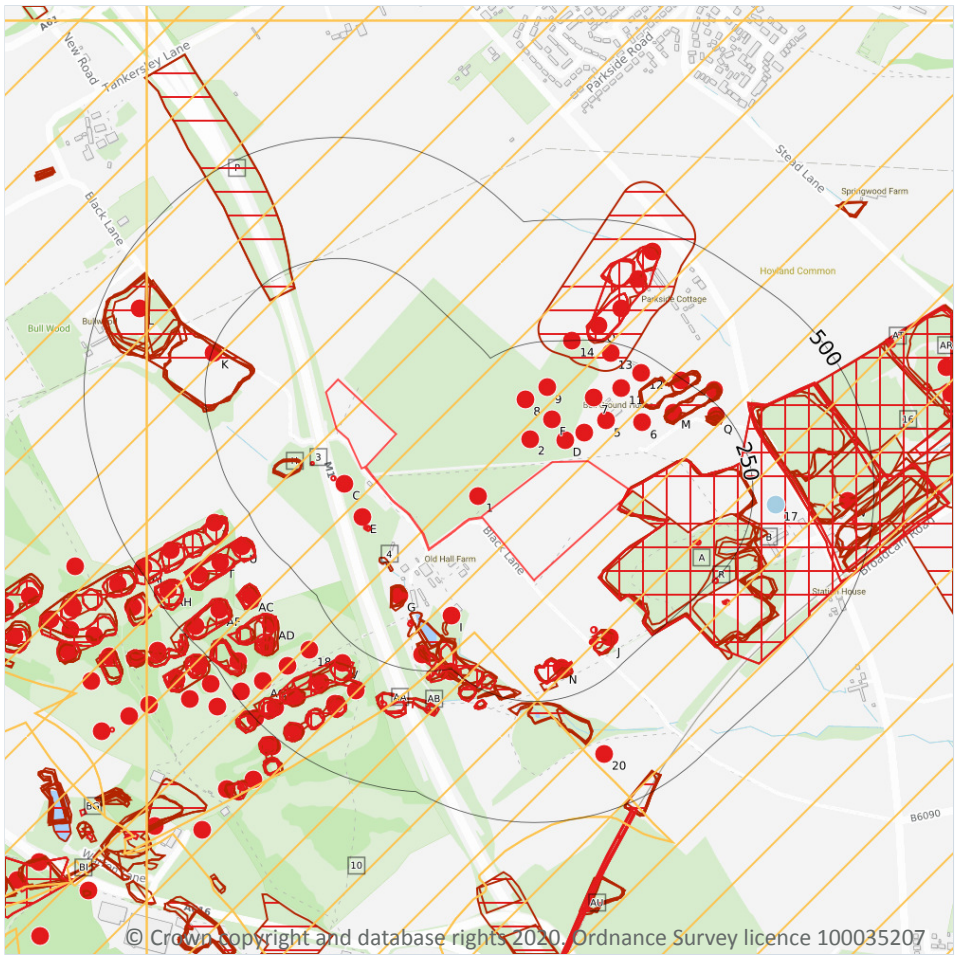
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 116**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

This data is sourced from the British Geological Survey.

18 Mining, ground workings and natural cavities



Site Outline

Search buffers in metres (m)

Natural cavities (Area)

Natural cavities (Point)

BritPits

Surface ground workings

Underground workings

Historical Mineral Planning Areas

Mining Cavities

Non Coal Mining

Sporadic underground mining of restricted extent possible

Localised small scale underground mining possible

Small scale mining possible

Underground mining known or likely within or in close proximity

Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Peter Brett Associates (PBA).

18.2 BritPits

Records within 500m	67

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining, ground workings and natural cavities map on **page 118**

ID	Location	Details	Description
1	37m NW	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
D	44m N	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
C	46m SW	Name: Tankersley Ironstone Pit Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
D	58m N	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
2	66m NW	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
E	70m SW	Name: Tankersley Ironstone Pit Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	88m N	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
5	92m NE	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
G	111m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	112m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
6	129m NE	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
7	131m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
8	141m NW	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
I	143m S	Name: Tankersley Park Pit Address: Tankersley, HOYLAND, South Yorkshire Commodity: Coal, Deep Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
9	155m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
11	165m NE	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
M	182m NE	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
M	183m NE	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
N	188m S	Name: Tankersley Park Address: Tankersley, HOYLAND, South Yorkshire Commodity: Sandstone Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
J	193m SE	Name: Tankersley Park Ironstone Pit Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
12	213m NE	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
I	216m S	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
13	229m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
Q	233m NE	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
M	245m NE	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
K	246m W	Name: Tankersley Ironstone Pit Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
14	250m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
I	254m S	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
M	270m NE	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

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M	274m NE	Name: Bell Ground Ironstone Pits Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
O	281m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	293m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
U	295m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Y	317m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
18	321m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
O	323m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	327m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AC	347m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
T	351m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	352m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AD	357m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

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Y	364m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	372m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	377m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
20	385m S	Name: Hood Hill Ironstone Pit Address: Harley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AD	385m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
O	390m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
T	399m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
O	407m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	407m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AF	415m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AD	415m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	418m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
L	421m NW	Name: Tankersley Ironstone Pit Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
Y	423m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AG	438m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
W	446m E	Name: Lidgett Colliery Address: HOYLAND, South Yorkshire Commodity: Coal, Deep Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
O	452m N	Name: Swallow Wood Mine Address: HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	454m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
AF	456m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	463m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AF	467m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AH	472m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AF	472m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AG	485m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

ID	Location	Details	Description
AI	489m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
V	498m SW	Name: Tankersley Park Ironstone Pits Address: Tankersley, HOYLAND, South Yorkshire Commodity: Ironstone Status: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots)	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m **118**

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on **page 118**

ID	Location	Land Use	Year of mapping	Mapping scale
A	**On site**	**Unspecified Heaps**	**1965**	**1:10560**
A	**On site**	**Unspecified Heaps**	**1951**	**1:10560**
A	**On site**	**Unspecified Heaps**	**1938**	**1:10560**
A	**On site**	**Refuse Heap**	**1903**	**1:10560**
A	**On site**	**Refuse Heap**	**1891**	**1:10560**
A	**On site**	**Unspecified Heaps**	**1948**	**1:10560**
A	**On site**	**Unspecified Heaps**	**1948**	**1:10560**
B	**On site**	**Colliery**	**1903**	**1:10560**
A	0m SE	Refuse Heap	1980	1:10000
4	85m SW	Ponds	1891	1:10560
G	93m SW	Unspecified Heap	1951	1:10560
G	95m SW	Unspecified Heap	1948	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
G	95m SW	Unspecified Heap	1948	1:10560
G	97m SW	Unspecified Heap	1891	1:10560
H	100m SW	Pond	1965	1:10560
H	100m SW	Pond	1951	1:10560
H	103m SW	Pond	1938	1:10560
H	103m SW	Pond	1903	1:10560
H	103m SW	Pond	1948	1:10560
I	131m S	Pond	1938	1:10560
I	131m S	Pond	1903	1:10560
I	131m S	Pond	1891	1:10560
I	147m S	Pond	1991	1:10000
I	147m S	Pond	1980	1:10000
I	147m S	Pond	1965	1:10560
I	153m S	Unspecified Ground Workings	1951	1:10560
K	155m W	Unspecified Heap	1965	1:10560
K	155m W	Unspecified Heap	1951	1:10560
L	155m W	Unspecified Heaps	1948	1:10560
L	155m W	Unspecified Heaps	1948	1:10560
I	155m S	Unspecified Heap	1948	1:10560
I	155m S	Unspecified Heap	1948	1:10560
M	159m NE	Unspecified Heaps	1938	1:10560
M	159m NE	Unspecified Heaps	1903	1:10560
M	159m NE	Unspecified Heaps	1891	1:10560
M	160m NE	Unspecified Heaps	1948	1:10560
M	160m NE	Unspecified Heaps	1948	1:10560
L	161m W	Unspecified Heaps	1938	1:10560
L	161m W	Unspecified Heaps	1903	1:10560
L	161m W	Unspecified Heaps	1891	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
M	161m NE	Unspecified Heaps	1948	1:10560
M	161m NE	Unspecified Heaps	1948	1:10560
M	162m NE	Unspecified Heaps	1938	1:10560
M	162m NE	Unspecified Heaps	1903	1:10560
M	162m NE	Unspecified Heaps	1891	1:10560
M	163m NE	Unspecified Heaps	1991	1:10000
M	163m NE	Unspecified Heaps	1980	1:10000
M	163m NE	Unspecified Heaps	1965	1:10560
M	163m NE	Unspecified Heaps	1951	1:10560
N	164m S	Unspecified Pit	1951	1:10560
M	164m NE	Unspecified Heaps	1951	1:10560
N	166m S	Unspecified Heaps	1948	1:10560
N	166m S	Unspecified Heaps	1948	1:10560
N	167m S	Old Ironstone Pits	1938	1:10560
J	168m SE	Old Ironstone Pits	1938	1:10560
J	168m SE	Old Ironstone Pit	1903	1:10560
N	170m S	Unspecified Pit	1891	1:10560
N	170m S	Old Ironstone Pits	1903	1:10560
J	170m SE	Unspecified Heap	1991	1:10000
J	170m SE	Unspecified Heap	1980	1:10000
J	170m SE	Unspecified Heap	1965	1:10560
J	170m SE	Unspecified Heap	1951	1:10560
J	171m SE	Unspecified Heap	1948	1:10560
J	171m SE	Unspecified Heap	1948	1:10560
I	186m S	Refuse Heap	1951	1:10560
I	186m S	Refuse Heap	1948	1:10560
I	186m S	Refuse Heap	1948	1:10560
I	188m S	Unspecified Heap	1991	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
I	188m S	Unspecified Heap	1980	1:10000
I	188m S	Unspecified Heap	1965	1:10560
I	189m S	Unspecified Ground Workings	1951	1:10560
I	189m S	Refuse Heap	1938	1:10560
O	189m N	Opencast Mining	1951	1:10560
I	190m S	Old Ironstone Pits	1948	1:10560
N	193m S	Unspecified Heap	1951	1:10560
I	198m S	Refuse Heap	1891	1:10560
I	198m S	Old Ironstone Pits	1903	1:10560
I	199m S	Unspecified Heap	1891	1:10560
I	199m S	Old Ironstone Pits	1903	1:10560
B	203m SE	Unspecified Ground Workings	1991	1:10000
P	209m NW	Cuttings	1991	1:10000
P	209m NW	Cuttings	1980	1:10000
N	210m S	Cuttings	1948	1:10560
I	211m SW	Unspecified Heap	1951	1:10560
I	212m SW	Old Ironstone Pits	1948	1:10560
Q	213m NE	Unspecified Heap	1938	1:10560
Q	213m NE	Unspecified Heap	1903	1:10560
Q	213m NE	Unspecified Heap	1948	1:10560
Q	213m NE	Unspecified Heap	1948	1:10560
I	217m SW	Unspecified Heap	1891	1:10560
I	217m SW	Old Ironstone Pits	1903	1:10560
I	217m SW	Old Ironstone Pits	1903	1:10560
I	217m SW	Pond	1891	1:10560
Q	219m NE	Unspecified Heap	1991	1:10000
Q	219m NE	Unspecified Heap	1980	1:10000
Q	219m NE	Unspecified Heap	1965	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
M	219m NE	Unspecified Heaps	1991	1:10000
M	219m NE	Unspecified Heaps	1980	1:10000
M	219m NE	Unspecified Heaps	1965	1:10560
Q	228m NE	Unspecified Pit	1951	1:10560
I	228m S	Pond	1951	1:10560
I	228m S	Pond	1948	1:10560
I	228m S	Pond	1938	1:10560
I	230m S	Pond	1965	1:10560
I	238m S	Unspecified Heaps	1951	1:10560
I	241m S	Old Ironstone Pits	1938	1:10560
I	242m S	Old Ironstone Pits	1948	1:10560
I	244m S	Old Ironstone Pits	1903	1:10560
O	245m N	Old Ironstone Pits	1948	1:10560
I	246m S	Unspecified Heap	1991	1:10000
O	249m N	Old Ironstone Pits	1951	1:10560
O	249m N	Unspecified Heap	1891	1:10560
O	249m N	Old Ironstone Pits	1938	1:10560
O	249m N	Old Ironstone Pits	1903	1:10560
I	250m SW	Unspecified Heap	1991	1:10000
I	250m SW	Unspecified Heap	1980	1:10000
I	250m SW	Unspecified Heap	1965	1:10560
I	250m SW	Unspecified Heap	1951	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m	**239**

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining, ground workings and natural cavities map on **page 118**

ID	Location	Land Use	Year of mapping	Mapping scale
B	**On site**	**Colliery**	**1903**	**1:10560**
C	41m SW	Air Shaft	1965	1:10560
C	57m SW	Air Shaft	1938	1:10560
E	71m SW	Unspecified Disused Shaft	1991	1:10000
E	71m SW	Unspecified Disused Shaft	1980	1:10000
E	71m SW	Unspecified Disused Shaft	1965	1:10560
E	74m SW	Unspecified Old Shaft	1938	1:10560
3	83m SW	Air Shaft	1951	1:10560
G	102m SW	Unspecified Disused Shaft	1991	1:10000
G	104m SW	Unspecified Old Shafts	1938	1:10560
G	104m SW	Unspecified Old Shafts	1903	1:10560
G	104m SW	Unspecified Disused Shaft	1980	1:10000
G	104m SW	Unspecified Disused Shaft	1965	1:10560
I	149m S	Unspecified Old Shafts	1951	1:10560
I	153m S	Unspecified Old Shafts	1938	1:10560
I	153m S	Unspecified Old Shafts	1903	1:10560
J	153m SE	Unspecified Old Shafts	1938	1:10560
A	165m SE	Air Shaft	1938	1:10560
A	165m SE	Air Shaft	1903	1:10560
A	166m SE	Air Shaft	1951	1:10560
N	167m S	Old Ironstone Pits	1938	1:10560
A	168m SE	Disused Air Shaft	1991	1:10000
A	168m SE	Disused Air Shaft	1980	1:10000
A	168m SE	Disused Air Shaft	1965	1:10560
J	168m SE	Old Ironstone Pits	1938	1:10560
J	169m SE	Unspecified Old Shaft	1938	1:10560
N	170m S	Old Ironstone Pits	1903	1:10560
J	171m SE	Unspecified Old Shaft	1951	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
J	171m SE	Unspecified Old Shaft	1903	1:10560
J	172m SE	Unspecified Disused Shaft	1991	1:10000
J	172m SE	Unspecified Disused Shaft	1980	1:10000
J	172m SE	Unspecified Disused Shaft	1965	1:10560
I	198m S	Old Ironstone Pits	1903	1:10560
I	199m S	Old Ironstone Pits	1903	1:10560
I	217m SW	Old Ironstone Pits	1903	1:10560
I	217m SW	Old Ironstone Pits	1903	1:10560
I	241m S	Old Ironstone Pits	1938	1:10560
I	244m S	Old Ironstone Pits	1903	1:10560
R	248m SE	Disused Air Shaft	1991	1:10000
R	248m SE	Disused Air Shaft	1980	1:10000
R	248m SE	Disused Air Shaft	1965	1:10560
O	249m N	Old Ironstone Pits	1951	1:10560
O	249m N	Old Ironstone Pits	1938	1:10560
O	249m N	Old Ironstone Pits	1903	1:10560
I	251m S	Old Ironstone Pits	1938	1:10560
I	256m SW	Old Ironstone Pits	1938	1:10560
I	256m SW	Old Ironstone Pits	1903	1:10560
I	269m SW	Old Ironstone Pits	1938	1:10560
I	269m SW	Old Ironstone Pits	1903	1:10560
T	273m SW	Old Ironstone Pits	1951	1:10560
U	279m SW	Old Ironstone Pits	1938	1:10560
U	279m SW	Old Ironstone Pits	1903	1:10560
V	280m SW	Old Ironstone Pits	1951	1:10560
W	287m NE	Colliery	1891	1:10560
16	292m NE	Colliery	1965	1:10560
Y	293m SW	Old Ironstone Pits	1951	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
R	294m SE	Air Shaft	1938	1:10560
R	296m SE	Air Shaft	1903	1:10560
R	296m SE	Air Shaft	1951	1:10560
R	297m SE	Disused Air Shaft	1991	1:10000
R	297m SE	Disused Air Shaft	1980	1:10000
R	297m SE	Disused Air Shaft	1965	1:10560
Y	299m SW	Old Ironstone Pits	1938	1:10560
Y	299m SW	Old Ironstone Pits	1903	1:10560
V	300m SW	Old Ironstone Pits	1938	1:10560
V	300m SW	Old Ironstone Pits	1903	1:10560
AA	308m S	Old Ironstone Pits	1938	1:10560
AB	309m S	Old Ironstone Pits	1938	1:10560
AA	319m S	Old Ironstone Pits	1903	1:10560
AB	320m S	Old Ironstone Pits	1903	1:10560
AA	325m S	Unspecified Old Shaft	1951	1:10560
T	325m SW	Old Ironstone Pits	1938	1:10560
T	325m SW	Old Ironstone Pits	1903	1:10560
AA	326m S	Unspecified Old Shaft	1938	1:10560
AA	327m S	Unspecified Disused Shaft	1965	1:10560
AC	329m SW	Old Ironstone Pits	1951	1:10560
AC	339m SW	Old Ironstone Pits	1938	1:10560
AC	339m SW	Old Ironstone Pits	1903	1:10560
AD	340m SW	Old Ironstone Pits	1938	1:10560
AD	340m SW	Old Ironstone Pits	1903	1:10560
AD	344m SW	Old Ironstone Pits	1951	1:10560
V	345m SW	Old Ironstone Pits	1938	1:10560
V	345m SW	Old Ironstone Pits	1903	1:10560
O	353m N	Old Ironstone Pits	1938	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
V	354m SW	Old Ironstone Pits	1938	1:10560
V	354m SW	Old Ironstone Pits	1951	1:10560
Y	357m SW	Old Ironstone Pits	1938	1:10560
Y	357m SW	Old Ironstone Pits	1903	1:10560
O	362m N	Old Ironstone Pits	1938	1:10560
V	363m SW	Old Ironstone Pits	1938	1:10560
V	363m SW	Old Ironstone Pits	1903	1:10560
O	367m N	Old Ironstone Pits	1903	1:10560
AD	372m SW	Old Ironstone Pits	1951	1:10560
AD	382m SW	Old Ironstone Pits	1938	1:10560
AF	390m SW	Old Ironstone Pits	1951	1:10560
AD	394m SW	Old Ironstone Pits	1951	1:10560
V	398m SW	Old Ironstone Pits	1938	1:10560
V	398m SW	Old Ironstone Pits	1903	1:10560
AF	399m SW	Old Ironstone Pits	1938	1:10560
AF	399m SW	Old Ironstone Pits	1903	1:10560
V	399m SW	Old Ironstone Pits	1951	1:10560
Y	401m SW	Old Ironstone Pits	1938	1:10560
Y	401m SW	Old Ironstone Pits	1903	1:10560
V	408m SW	Old Ironstone Pits	1938	1:10560
V	408m SW	Old Ironstone Pits	1903	1:10560
O	409m N	Old Ironstone Pits	1938	1:10560
O	409m N	Old Ironstone Pits	1903	1:10560
W	436m E	Unspecified Old Shaft	1938	1:10560
W	438m E	Unspecified Old Shaft	1951	1:10560
W	440m E	Unspecified Disused Shaft	1991	1:10000
W	440m E	Unspecified Disused Shaft	1980	1:10000
W	440m E	Unspecified Disused Shaft	1965	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
AH	443m SW	Old Ironstone Pits	1951	1:10560
V	444m SW	Old Ironstone Pits	1951	1:10560
AH	447m SW	Old Ironstone Pits	1938	1:10560
AH	447m SW	Old Ironstone Pits	1903	1:10560
AF	449m SW	Old Ironstone Pits	1951	1:10560
V	450m SW	Old Ironstone Pits	1903	1:10560
V	450m SW	Old Ironstone Pits	1951	1:10560
AF	454m SW	Old Ironstone Pits	1938	1:10560
AF	454m SW	Old Ironstone Pits	1903	1:10560
V	456m SW	Old Ironstone Pits	1938	1:10560
V	456m SW	Old Ironstone Pits	1903	1:10560
W	457m E	Unspecified Shaft	1951	1:10560
W	461m E	Unspecified Shaft	1938	1:10560
AI	462m SW	Old Ironstone Pits	1938	1:10560
AI	462m SW	Old Ironstone Pits	1903	1:10560
V	497m SW	Old Ironstone Pits	1951	1:10560
V	501m SW	Old Ironstone Pits	1938	1:10560
V	501m SW	Old Ironstone Pits	1903	1:10560
AF	501m SW	Old Ironstone Pits	1951	1:10560
AK	502m SW	Old Ironstone Pits	1951	1:10560
AF	506m SW	Old Ironstone Pits	1951	1:10560
AK	510m SW	Old Ironstone Pits	1938	1:10560
AK	510m SW	Old Ironstone Pits	1903	1:10560
AM	513m SE	Tunnel	1991	1:10000
AM	513m SE	Tunnel	1980	1:10000
AM	513m SE	Tunnel	1965	1:10560
AM	513m SE	Tunnel	1951	1:10560
AF	514m SW	Old Ironstone Pits	1938	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
AF	514m SW	Old Ironstone Pits	1903	1:10560
AF	515m SW	Old Ironstone Pits	1938	1:10560
AF	515m SW	Old Ironstone Pits	1903	1:10560
AM	515m SE	Tunnel	1938	1:10560
AM	515m SE	Tunnel	1903	1:10560
AN	521m SW	Old Ironstone Pits	1938	1:10560
AN	521m SW	Old Ironstone Pits	1903	1:10560
AO	527m SW	Old Ironstone Pits	1938	1:10560
AO	527m SW	Old Ironstone Pits	1903	1:10560
AK	534m SW	Old Ironstone Pits	1951	1:10560
AK	538m SW	Old Ironstone Pits	1938	1:10560
AK	538m SW	Old Ironstone Pits	1903	1:10560
AF	552m SW	Old Ironstone Pits	1951	1:10560
AF	560m SW	Old Ironstone Pits	1951	1:10560
AF	566m SW	Old Ironstone Pits	1938	1:10560
AF	566m SW	Old Ironstone Pits	1903	1:10560
AF	568m SW	Old Ironstone Pits	1938	1:10560
AQ	591m E	Coal Pit	1951	1:10560
AF	592m SW	Old Ironstone Pits	1938	1:10560
AL	597m SW	Old Ironstone Pits	1938	1:10560
AL	597m SW	Old Ironstone Pits	1903	1:10560
AL	606m SW	Old Ironstone Pits	1938	1:10560
AL	606m SW	Old Ironstone Pits	1903	1:10560
AR	607m NE	Coal Pit	1938	1:10560
AT	612m NE	Unspecified Shaft	1938	1:10560
AT	612m NE	Unspecified Shaft	1903	1:10560
AK	613m SW	Old Ironstone Pits	1938	1:10560
AT	613m NE	Unspecified Shaft	1980	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
AT	613m NE	Unspecified Shaft	1965	1:10560
AT	617m NE	Unspecified Shaft	1951	1:10560
AK	620m SW	Unspecified Disused Shaft	1991	1:10000
AK	620m SW	Unspecified Disused Shaft	1980	1:10000
AK	620m SW	Unspecified Disused Shaft	1965	1:10560
AK	624m SW	Unspecified Old Shaft	1951	1:10560
AK	624m SW	Unspecified Old Shaft	1938	1:10560
AK	624m SW	Unspecified Old Shaft	1903	1:10560
AF	638m SW	Old Ironstone Pits	1938	1:10560
AF	638m SW	Old Ironstone Pits	1903	1:10560
AL	641m SW	Old Ironstone Pits	1938	1:10560
AL	641m SW	Old Ironstone Pits	1903	1:10560
AU	682m S	Air Shaft	1991	1:10000
AU	682m S	Air Shaft	1980	1:10000
AU	684m S	Air Shaft	1938	1:10560
AU	684m S	Air Shaft	1903	1:10560
AU	684m S	Air Shaft	1965	1:10560
AU	685m S	Air Shaft	1951	1:10560
AL	693m SW	Old Ironstone Pits	1938	1:10560
AV	697m SW	Old Ironstone Pits	1938	1:10560
AV	697m SW	Old Ironstone Pits	1903	1:10560
AZ	734m SW	Unspecified Shaft	1991	1:10000
AZ	734m SW	Unspecified Shaft	1980	1:10000
AZ	734m SW	Unspecified Shaft	1965	1:10560
AZ	735m SW	Unspecified Shaft	1938	1:10560
AZ	735m SW	Unspecified Shaft	1903	1:10560
AZ	736m SW	Unspecified Shaft	1951	1:10560
AF	742m SW	Air Shaft	1903	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
-	748m W	Old Ironstone Pits	1951	1:10560
-	752m W	Old Ironstone Pits	1938	1:10560
-	752m W	Old Ironstone Pits	1903	1:10560
BA	766m SW	Old Ironstone Pits	1938	1:10560
BA	766m SW	Old Ironstone Pits	1903	1:10560
-	784m NE	Unspecified Shafts	1938	1:10560
-	784m NE	Unspecified Shafts	1903	1:10560
-	785m W	Old Ironstone Pits	1951	1:10560
-	789m NE	Unspecified Shafts	1951	1:10560
-	803m W	Old Ironstone Pits	1951	1:10560
-	809m NE	Unspecified Shafts	1938	1:10560
-	809m NE	Unspecified Shafts	1903	1:10560
-	810m NE	Unspecified Shafts	1951	1:10560
-	822m E	Unspecified Shafts	1951	1:10560
-	830m W	Old Ironstone Pits	1951	1:10560
-	840m W	Old Ironstone Pits	1951	1:10560
AW	842m SW	Unspecified Disused Shafts	1966	1:10560
AW	842m SW	Unspecified Disused Shafts	1992	1:10000
AW	842m SW	Unspecified Disused Shafts	1980	1:10000
AW	845m SW	Air Shaft	1951	1:10560
AW	850m SW	Unspecified Old Shaft	1938	1:10560
AW	850m SW	Unspecified Old Shaft	1903	1:10560
AW	851m SW	Unspecified Disused Shafts	1966	1:10560
AW	851m SW	Unspecified Disused Shafts	1992	1:10000
AW	851m SW	Unspecified Disused Shafts	1980	1:10000
-	851m S	Delf	1951	1:10560
AW	854m SW	Air Shaft	1951	1:10560
AW	861m SW	Air Shaft	1938	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
AW	861m SW	Air Shaft	1903	1:10560
-	870m W	Old Ironstone Pits	1951	1:10560
-	872m W	Old Ironstone Pits	1951	1:10560
-	873m S	Air Shaft	1965	1:10560
-	873m S	Air Shaft	1951	1:10560
-	874m S	Air Shaft	1938	1:10560
-	874m S	Air Shaft	1903	1:10560
-	881m S	Air Shaft	1980	1:10000
BG	890m SW	Unspecified Disused Shafts	1992	1:10000
-	909m W	Old Ironstone Pits	1951	1:10560
BG	912m SW	Unspecified Disused Shafts	1992	1:10000
-	929m W	Old Ironstone Pits	1951	1:10560
-	955m W	Colliery	1951	1:10560
BJ	982m SW	Colliery	1903	1:10560
BJ	982m SW	Colliery	1891	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	**0**

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	**10**

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining, ground workings and natural cavities map on **page 118**

ID	Location	Name	Commodity	Class	Likelihood
B	**On site**	**Not available**	**Iron Ore (Bedded)**	**B**	**Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered**
10	164m SW	Sheffield Area	Vein Mineral/Iron ore	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
AE	370m W	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
29	741m N	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
30	752m SW	Sheffield Area	Vein Mineral/Iron ore	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
34	790m SW	Not available	Ironstone (bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
AW	840m SW	Sheffield Area	Vein Mineral/Iron ore	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
37	840m NW	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
38	848m SW	Not available	Ironstone (bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
BI	971m SW	Sheffield Area	Vein Mineral/Iron ore	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	1

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

Features are displayed on the Mining, ground workings and natural cavities map on **page 118**

ID	Location	Mine Address	Mineral	Data source	Publisher
17	299m E	Skiers Spring, Hoyland, South Yorkshire	Magnatite, Marcasite, Siderite, Ironstone	LISTING OF NEW MINERAL RECORDS OFFICE CATALOGUE.	UNPUBLISHED/DRAFT

This data is sourced from Peter Brett Associates (PBA).

18.8 JPB mining areas

Records on site	0

Areas which could be affected by former coal mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	1

Areas which could be affected by past, current or future coal mining.

Location	Details
On site	**The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.**

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.11 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

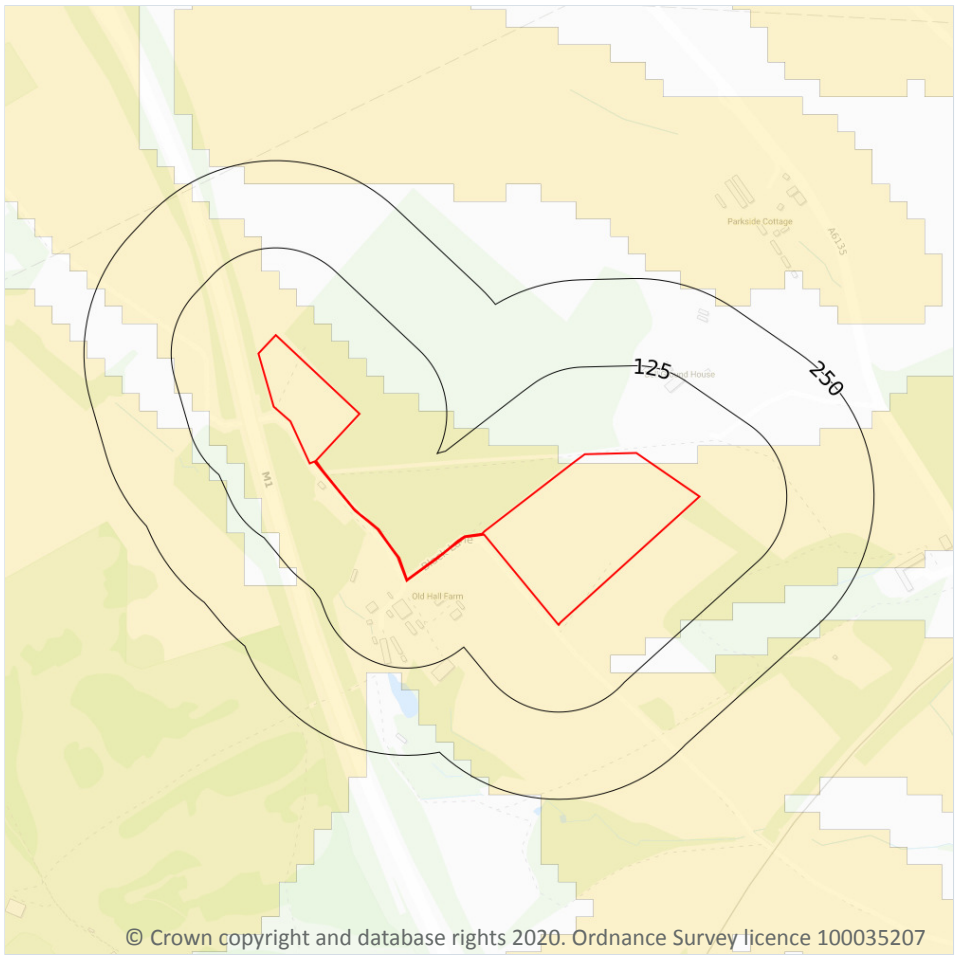
18.13 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Radon



Site Outline

Search buffers in metres (m)

Greater than 30%

Between 10% and 30%

Between 5% and 10%

Between 3% and 5%

Between 1% and 3%

Less than 1%

19.1 Radon

Records on site	2

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 147**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Between 1% and 3%**	**None**
On site	**Less than 1%**	**None****

This data is sourced from the British Geological Survey and Public Health England.

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m	**19**

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
4m SE	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
11m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
11m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
11m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
19m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
19m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
20m NW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
41m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
44m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
48m SW	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

21 Railway infrastructure and projects

Site Outline

Search buffers in metres (m)

- Crossrail 1 Stations
- Crossrail 1 Route
- Crossrail 1 Worksites
- Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

21.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	0

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m	0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m	0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m	6

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

Features are displayed on the Railway infrastructure and projects map on **page 151**

Location	Track Type	Speed (mph)	Speed (km/h)	Status
138m E	Surface Running Track	224mph	360kph	Original consultation route
151m NE	Surface Running Track	224mph	360kph	Original consultation route
154m SE	Surface Running Track	224mph	360kph	Original consultation route
195m SE	Surface Running Track	224mph	360kph	Original consultation route
217m SE	Surface Running Track	224mph	360kph	Original consultation route
396m SE	Bridge/Viaduct	224mph	360kph	Original consultation route

This data is sourced from HS2 ltd.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://www.groundsure.com/sources-reference.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: https://www.groundsure.com/terms-and-conditions-jan-2020/.

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Site	Borehole Number
South Yorkshire COA NMCS2 Upgrade	M44

Machine:	Casing Diameter	Ground Level (mOD)	Client	Job Number
Flush :	121mm cased to 7.50m		Tarmac	F11288A
Core Dia: mm	Location	Dates	Engineer	Sheet
Method :	435373 E 399168 N	12/03/1999	WSP Environmental Ltd	1/2

Depth (m)	TCR	SCR	RQD	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							(0.15) 0.15	TOPSOIL.		
							(0.25) 0.40	MADE GROUND: Dark brown slightly sandy clay.		
							(0.30) 0.70	MADE GROUND: Yellow brown fine to coarse subangular gravel of limestone.		
	33	0	0	0			(0.50)	MADE GROUND: Dark brown sandy clay with some angular gravel.		
1.20-1.65					1,0/1,0,1,1 SPT N=3		1.20	MADE GROUND: Dark grey sandy clay with much fine to coarse angular gravel.		
1.70					C					
1.70					C16					
1.70					C2					
	80	0	0	0						
2.70-3.15					1,2/1,1,1,2 SPT N=5					
3.20								---from 3.20m to 4.70m becomes grey with some gravel and occasional cobbles		
	32	0	0	0			(5.00)			
4.20-4.65					3,3/3,5,4,5 SPT N=17					
4.70										
	100	0	0	0						
5.70-6.15					3,4/6,6,6,7 SPT N=25					
6.20							6.20	Grey and orangish brown mottled very sandy CLAY. (Possible Made Ground)		
6.20					C		(0.70)			
	100	0	0	0			6.90	Medium dense light brown very clayey very sandy fine to coarse angular GRAVEL of mudstone and siltstone and occasional cobbles. (Possible Made Ground)		
7.20-7.65					3,4/5,5,8,7 SPT N=25					
7.20					D					
7.70							(2.10)			
	100	0	0	0						
8.70								---from 8.60m to 9.00m gravel becomes medium and coarse subrounded to angular		
8.70-8.88					8,0/50,0,0,0 SPT(C) 50/30		9.00	Grey thinly horizontally laminated moderately to highly weathered MUDSTONE very weak to weak. Discontinuities: very closely to extremely closely spaced random tight smooth planar clay smeared.		
	95	18	0	0			(1.70)			

Remarks
1. Inspection pit excavated to 1.20m. 2. Borehole complete at 16.20m. 3. Slotted

Scale (approx)	Logged By
1:50	NBR

Figure No.

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Site South Yorkshire COA NMCS2 Upgrade			**Borehole Number** M44
Machine: **Flush :** **Core Dia:** mm **Method :**	**Casing Diameter** 121mm cased to 7.50m **Location** 435373 E 399168 N	**Ground Level (mOD)** **Dates** 12/03/1999	**Client** Tarmac **Engineer** WSP Environmental Ltd	**Job Number** F11288A **Sheet** 2/2

Depth (m)	TCR	SCR	RQD	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
10.20								---from 10.30m becomes dark grey and carbonaceous		
	100	50	19	0			10.70 (1.00)	Black moderately weathered COAL, weak.		
11.70							11.70 (0.55)	Grey highly to completely weathered MUDSTONE very weak.		
	100	88	50	0			12.25	Grey thinly laminated very closely and closely horizontally bedded moderately weathered MUDSTONE, weak to moderately weak. Discontinuities: very closely and closely spaced horizontal and medium spaced		
13.20 13.20					C			---from 13.20m to 13.70m seat earth		
	100	85	35	0			(3.10)	---from 13.70m becomes closely to medium bedded highly weathered weak ---from 14.00m to 14.20m moderately weathered moderately weak		
14.70							15.35	Grey thinly to medium subhorizontally bedded fine and medium grained slightly weathered SANDSTONE moderately strong. Discontinuities: closely and medium spaced subhorizontal and subvertical open rough		
							(0.85)			
					12/03/1999:0.00m		16.20	Complete at 16.20m		

Remarks

Scale (approx)	Logged By
1:50	NBR

Figure No.

SK 39 NE/13

(*11932) Wt.30370/0370 10,000 9/39 A.& E.W.Ltd. Gp.685

RECORD OF SHAFT ~~OR BORE~~ FOR MINERALS

M 87

134

County Yorks: W.R.

6" Quarter Sheet 282 SE/1

1" O.S. Geol. Map 87

6" O.S. Geol. Map

Whether Confidential

No

Name and Number of Shaft or Bore given by Geological Survey:
Tankersley Park Pit, Tankersley Colliery.

Name and Number given by owner (if different from above):

Town or Village Tankersley Date of sinking

Exact site 120 yds. S. of Tankersley Old Hall.
Marked 'Pumping Station' on 6-inch map.
[3564 9876]

A sketch-map or tracing from a large-scale map is desirable.

Purpose for which made

Level at which bore commenced relative to O.D. If not down bore, state if horizontal or up

Made by for Messrs.

Information from Mining Plan No. 8642. Date received

Specimens Dip of strata

Geological Classification	Description (Stratigraphy appears somewhat in RDL)	Thickness			Depth		
	ABRIDGED SECTION						
WESTPHALIAN B	Lidgett Coal	0·51	1	8	3·10	10	2
	Joan Coal	0·51	1	8	21·62	70	11
	Tankersley Ironstone	1·93	6	4	34·37	112	9
	Flockton Thick Coal						
	black shale	0·43	1	5			
	coal	0·48	1	7			
	spavin	0·25		10			
	coal	0·20		8			
	soft spavin		0·23	9			
	coal	0·41	1	4			
	soft spavin	0·33	1½	1	45·36	148	10
	coal						
	~~Flockton Thin~~						
	Flockton Thin Coal						
	coal	0·23		9			
	strong spavin	5·08	16	8			
	coal	0·18		7			
	soft spavin	1·62	5	4			
	dark bind	2·39	7	10			
	coal	0·34	1	1½	81·52	267	5½
	Top Fenton Coal						
	coal	0·10		4			
	dirt	0·05		2			
	coal	1·27	4	2	98·63	323	7
	Black Mine Ironstone	2·26	7	5	100·89	331	-
	black shale	0·36	1	2	101·25	332	2
	Low Fenton Coal						
	cannel	0·47	1	6½			
	soft spavin	0·37	1	2½			
	coal	0·61	2	-	102·69	336	11
	Parkgate Coal						
	top softs	0·43	1	5			
	clod	0·18		7			
	roof coal	0·33	1	1			
	brazils	0·25		10			
	hards	0·89	2	11			

P.T.O.

GEOLOGICAL SURVEY AND MUSEUM,
SOUTH KENSINGTON,
LONDON, S.W.7.

* ADDITIONAL LOG SHOWS BLACK SHALE AT 43' 3" (SAME AS CXMB?)

G.S.M. Office File No.	Site marked on 6" Map by	Site marked on 1" Map by
	JRB.	

2 45/2

[redacted]

CARBONIFEROUS · WESTPHALIAN A

(Parkgate Coal continued)

dirt	0·03		1			
bottom softs	0·48	1	7			
seat coal	0·13		5	402	2	122·58
spavin	1·22	4	-			
yellow mine	1·55	5	1			
strong stone bind	4·67	15	4			
very hard rock	0·38	1	3	429	10	131·01

-o-o-o-o-o-o-o-o-

AG3080-19 -Habitat

(c) Crown Copyright and database rights 2021. Ordnance Survey 100022861.

Legend

Priority Habitat Inventory - Deciduous Woodland (England)

Projection = OSGB36
xmin = 430400
ymin = 396300
xmax = 441400
ymax = 401800

0 0.4 0.8
km

Map produced by MAGIC on 31 March, 2021.

AG3080-19- Species

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Legend

- Priority Species for CS Targeting - Lapwing
- Grey Partridge (England)
- Tree Sparrow (England)

Projection = OSGB36
xmin = 430400
ymin = 396600
xmax = 441400
ymax = 401800

0 0.4 0.8
km

Map produced by MAGIC on 31 March, 2021.

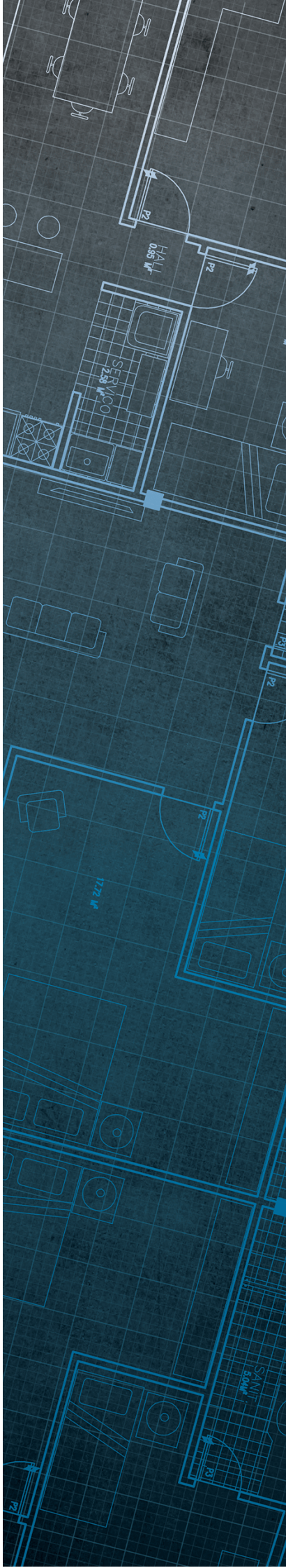
The Coal Authority

Consultants

Coal Mining Report

Hoyland Common- South Balancing Pond
Black Lane
Hoyland Common
Barnsley
South Yorkshire
S74 0DX

Date of enquiry:	**26 March 2020**
Date enquiry received:	**26 March 2020**
Issue date:	**26 March 2020**
Our reference:	**51002273480001**
Your reference:	**15581**



Consultants
Coal Mining Report

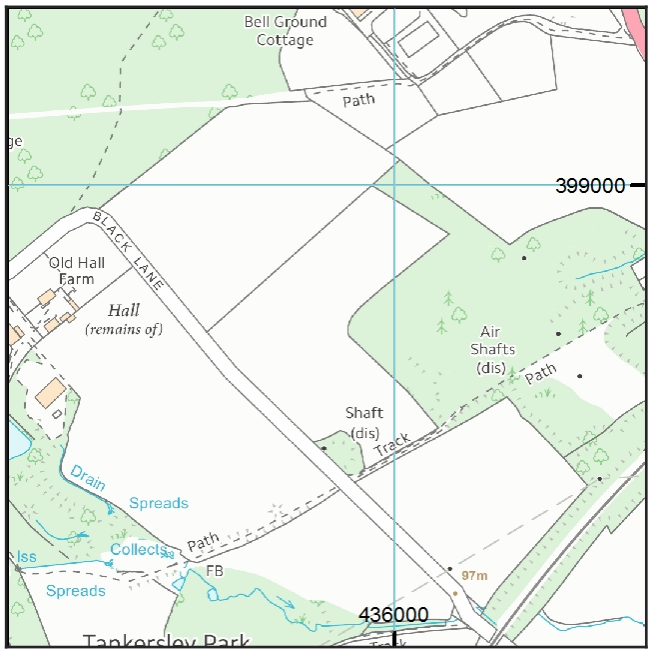
This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

Applied Geology Ltd

Enquiry address

Hoyland Common- South Balancing Pond
Black Lane
Hoyland Common
Barnsley
South Yorkshire
S74 0DX



Approximate position of property

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

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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
UNAMED	SWALLOW WOOD	Coal	6IYW	5	Beneath Property	1.4	North-East	94	1833
UNAMED	SWALLOW WOOD	Coal	6K49	7	Beneath Property	1.4	North-East	94	1835
LIDGETT	LIDGETT	Coal	4TK3	49	Beneath Property	1.3	North-East	76	1894
unnamed	LIDGETT	Coal	6K41	60	Beneath Property	4.3	South-West	66	1897
LIDGETT	LIDGETT	Coal	4TK4	68	Beneath Property	0.0	East	76	1885
LIDGETT	LIDGETT	Coal	4IVR	71	North-East	1.5	North-West	70	1883
LIDGETT	LIDGETT	Coal	6IYY	80	North	3.0	South-East	80	1897
TANKERSLEY	TANKERSLEY	Ironstone	A0GO	104	Beneath Property			152	1879
TANKERSLEY	TANKERSLEY	Ironstone	A0GP	105	Beneath Property			152	1879
unnamed	TOP FENTON	Coal	6K48	158	Beneath Property	2.4	North	102	1945
BARLEY HALL	TOP FENTON	Coal	4TK7	160	Beneath Property	1.5	North-East	91	1927
BARLEY HALL	LOW FENTON	Coal	6K4H	162	Beneath Property	2.6	North-East	114	1964
TANKERSLEY	LOW FENTON	Coal	4TKA	163	Beneath Property	2.6	North-East	107	1964
SKIERS SPRING	TOP FENTON	Coal	4IVW	179	North-East	0.9	East	91	1930
unnamed	PARKGATE	Coal	4OWF	182	Beneath Property	1.8	North-East	185	1912
ROCKINGHAM	PARKGATE	Coal	6K4K	183	Beneath Property	2.5	North	228	1917
SKIERS SPRING	LOW FENTON	Coal	4IW0	183	North-East	1.6	North	104	1963
BARLEY HALL	LOW FENTON	Coal	6XRI	187	North	0.9	East	112	1964
ROCKINGHAM	TOP FENTON	Coal	6IZ6	187	North	3.5	East	97	1945
SKIERS SPRING	PARKGATE	Coal	4RRP	199	North-East	1.9	East	145	1911
unnamed	SILKSTONE	Coal	6K32	201	South-West	6.0	North-East	170	1878
unnamed	PARKGATE	Coal	6XRD	209	North	3.5	East	145	1875

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	MIDDLETON MAIN	Coal	661Y	237	North-West	0.7	South-East	65	1913
ROCKINGHAM	SILKSTONE	Coal	4OWO	249	Beneath Property	7.0	North-East	87	1915
unnamed	WHINMOOR	Coal	6K4B	249	South-West	4.1	North-East	69	1955
unnamed	SILKSTONE	Coal	6K40	282	Beneath Property	0.7	South-East	170	1922
SKIERS SPRING	SILKSTONE	Coal	4RRR	294	North-East	1.6	North-East	86	1906
unnamed	SILKSTONE	Coal	6IZE	298	North	3.5	East	180	1903

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	435398-006	435925 398720	Was capped by British Coal in November 1989. Water and gas levels are monitored at this shaft by the Coal Authority on a 3 monthly basis	Coal	
Shaft	435398-050	435871 398952		Coal	
Shaft	435398-051	435926 398947		Coal	
Shaft	435398-052	435894 398915		Coal	
Shaft	435398-053	435870 398887		Coal	
Shaft	435398-054	435837 398911		Coal	
Shaft	435398-062	435976 398744		Coal	
Shaft	435398-106	435924 398740		Coal	
Shaft	436398-003	436139 398921	is filled to within 0.4m of a 4m x 4m ground level concrete cap	Coal	
Shaft	436399-042	436012 399058		Coal	

Abandoned mine plan catalogue numbers

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

M673	M671	NE814
NE855	M674	SY5
9621	OM1137	8642

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

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
SWALLOW WOOD	Coal	Yes	Within	N/A	58
SWALLOW WOOD	Coal	Yes	7.3	South-East	251

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 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.

Development advice

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

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

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VAT receipt

Issued by	The Coal Authority 200 Lichfield Lane Mansfield Nottinghamshire NG18 4RG
Tax point date	26 March 2020
Issued to	APPLIED GEOLOGY LTD UNIT 23 ABBEY PARK STARETON KENILWORTH WARWICKSHIRE CV8 2LY
Property search for	HOYLAND COMMON- SOUTH BALANCING POND BLACK LANE HOYLAND COMMON BARNSLEY SOUTH YORKSHIRE S74 0DX
Reference number	51002273480001
Date of issue	26 March 2020
Cost	£112.13
VAT @ 20%	£22.43
Total received	£134.56
VAT registration	598 5850 68

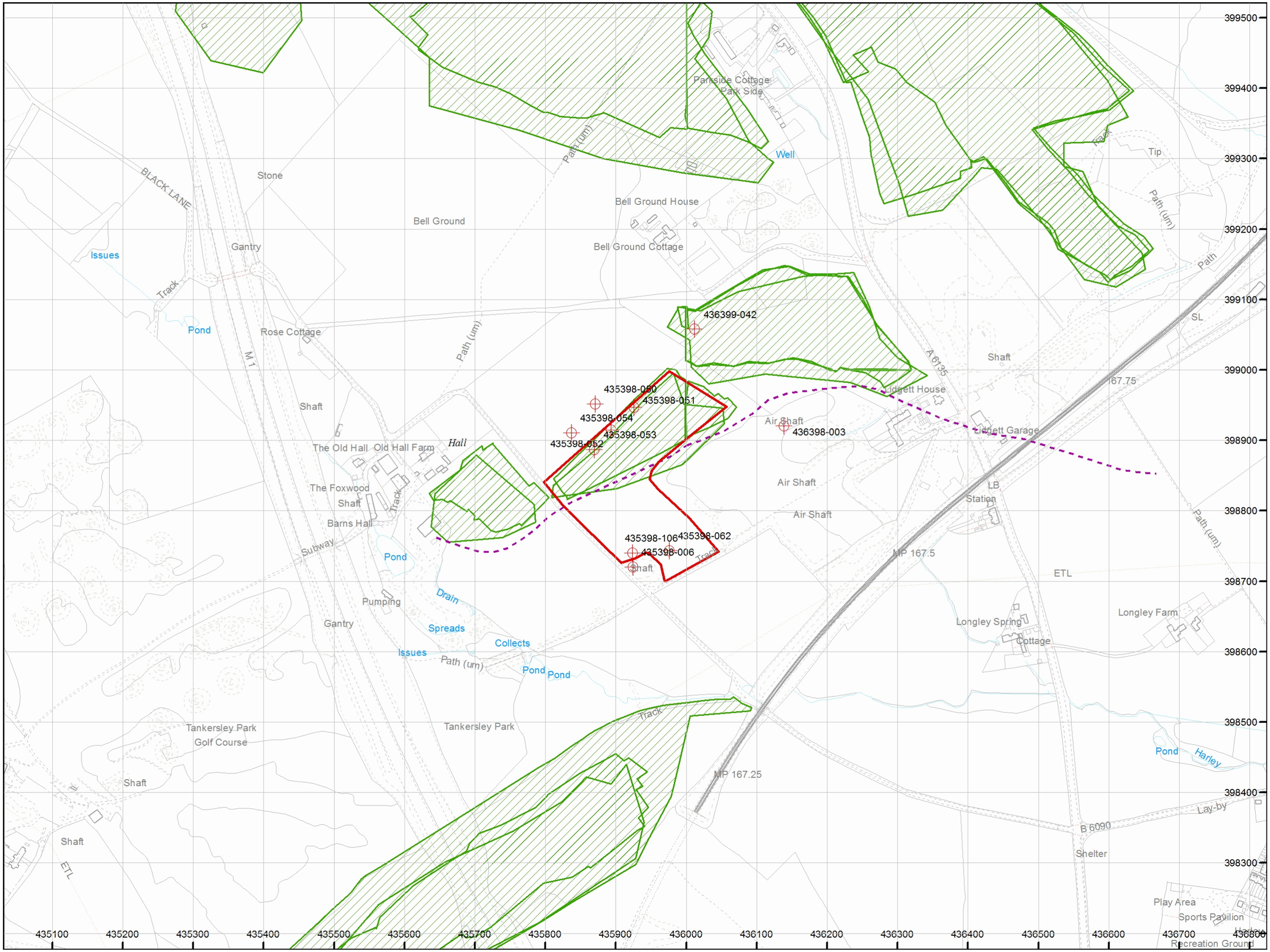
The Coal Authority

Summary of findings

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 (Conjectured)
- Unlicensed opencast site



How to contact us
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