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PHASE 1: DESK TOP STUDY REPORT & COAL MINING RISK

ASSESSMENT

CLIFF HILL

LEAK HALL CRESCENT

DENBY DALE

HUDDERSFIELD

HD8 8RZ

Project No: 21-719

Prepared By:

Tom Ormerod

Date: 09/09/2021

Approved By:

Darren McGrath

Date: 09/09/2021

The information and / or advice contained in this Phase 1: Desk Top Study & Coal Mining Assessment is based solely on, and is limited to, the boundaries of the site, the immediate area around the site, and the historical use(s) unless otherwise stated. This 'Report' has been prepared to collate information relating to the physical, environmental and industrial setting of the site, and to highlight, where possible, the likely problems that might be encountered when considering the future development of this site for the proposed end use. All comments, opinions, diagrams, cross sections and / or sketches contained within the report, and / or any configuration of the findings is conjectural and given for guidance only and confirmation of the anticipated ground conditions should be considered before development proceeds. Agreement for the use or copying of this report by any Third Party must be obtained in writing from Arc Environmental Limited (ARC). If a change in the proposed land use is envisaged, then a reassessment of the site should be carried out.

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5.0 Conceptual Site Model (CSM) (Cont'd)

5.1 Geotechnical Considerations (Cont'd): -

- Control of surface water drainage.
- Stability of excavations within any natural granular deposits and made ground present.
- Stability issues related to the potential for shallow coal mining.
- Presence of mine entries (shafts and adits) on and immediately adjacent to the site.
- Chemical attack of buried concrete.

To determine the geotechnical considerations above with more certainty, if any new foundations are envisaged it is recommended that intrusive geotechnical investigation works are undertaken with associated geotechnical testing to aid in assessing detailed foundation proposals. In addition, in order to validate the gas regime at the site, during any future construction works, it is recommended that a programme of ground gas monitoring is undertaken, as part of the investigation works for the development, in accordance with CIRIA 665 and BS8485:2015+A1:2019.

The information reviewed indicates that the site can be considered as being located within a **HIGH** geotechnical risk setting.

5.2 Sources of Contamination and Probable Contaminants: -

Soils - Human Health:

The historical ordnance survey maps and other environmental information revealed that no significant sources of ground contamination is present beneath the site. However, parts of the site may have been subject to localised tipping of soil, with spoil mounds noted during the site walkover.

Ground contamination testing will need to be incorporated into the design of any intrusive investigation works. Laboratory testing should also be undertaken on representative samples taken from site for naturally occurring contaminants which could have a detrimental effect on building materials.

In order to assess the associated risks to human health and environmental impact the following outline geo-environmental testing is recommended:

- Generic contamination suite, typically comprising; Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc, Total Organic Carbon (TOC) and pH.
- Asbestos screening (and quantification if encountered).
- Speciated Polycyclic Aromatic Hydrocarbons (PAHs) and Total Petroleum Hydrocarbons (TPHs) should be undertaken, where ashy type deposits are encountered and/or fuels/oils are suspected.

Waste Acceptance Criteria (WAC) testing may be required to aid waste classification.

Consideration may need to be given to the protection of service pipes for the proposed development from the potential made ground deposits present, and therefore a supplementary suite of contamination testing may be required in order to meet the requirements of the local utilities service provider for their 'pipe selection risk assessment' (PSRA) once the location and depth of future services have been determined.

5.0 Conceptual Site Model (CSM) (Cont'd)

5.2 Sources of Contamination and Probable Contaminants (Cont'd): -

Soils - Human Health (Cont'd):

In addition, based on the potential presence of artificially placed anthropogenic made ground materials from previous development, the potential from hazardous ground gas production impacting the site has been assigned a very low risk classification.

The information reviewed indicates that the site can be considered as being located within a **LOW** ground contamination risk setting for Human Health.

Controlled Waters:

The following issues have been taken into consideration when assessing the risks towards controlled waters;

- There are no Source Protection Zone's (SPZ's) on or within 1km of the site.
- There are no Water Abstractions recorded on or within 1km of the site.
- Springs and sinks are recorded on site, associated with a gully along the northeastern boundary.
- The superficial and solid geology is a Secondary Aquifer – A, with permeable layers that can support local water supplies and may form an important source of base flow to rivers.
- Significant sources of leachable contaminants are not anticipated to be present on this site.

The information reviewed indicates that the site can be considered as being located within a **LOW** ground contamination risk setting for Controlled Waters.

6.0 Recommendations for Phase 2: Ground Investigation Works

The conclusions contained within this report have been based on a review of geological plans, historical plans and available environmental data relating to the site and nearby adjacent land and forms the basis of a preliminary risk assessment. The primary benefits of undertaking this report are as follows;

- (i) Identify the geotechnical and / or geoenvironmental characteristics of the ground in sufficient detail to quantify the groundwater flood risk at the site and for the economic design of any future site / proposed development, construction or associated remedial works.
- (ii) Minimise the risk of unforeseen ground conditions which might cause increased costs and / or programme (construction) delays later.

Therefore, it is recommended that a programme of Phase 2: Ground Investigation (intrusive investigation) works are completed for this site to provide an assessment of the geo-environmental characteristics of the site. These intrusive investigation works should be completed prior to commencing with any future acquisition or development works and should include for the following or a similar scope of investigation works;

- A series of rotary boreholes to determine the risk from shallow mine workings anticipated to be present beneath the site.
- A series of windowless sampling boreholes with in-situ sampling and testing (i.e. SPT's and hand shear vanes).
- A geophysical (GPR) survey to target historic mine entries.
-

6.0 Recommendations for Phase 2: Ground Investigation Works (Cont'd)

- A series of mechanically excavated trial pits / trenches to supplement the boreholes and target historic mine entries.
- Provision and installation of combined ground gas & groundwater monitoring wells followed by a programme of monitoring visits.
- Appropriate laboratory geotechnical testing on the samples recovered from the site, including chemical testing for concrete classification.
- Ground contamination screening including appropriate ground contamination risk assessment.
- Site supervision (with RAMS production) and production of interpretive Phase 2: Ground Investigation Report.

When considering the site is overgrown, some site clearance works are likely to be required prior to commencing any intrusive investigation works.

The samples of soil collected should be forwarded to UKAS and MCERTS accredited laboratory to undertake the recommended testing.

END OF REPORT

APPENDIX I

Location Plan

Aerial Photograph

Existing Site Layout Plan

Photographic Record Sheets

APPENDIX II

Coal Authority Consultants Coal Mining Report

APPENDIX III

Landmark Information Group Envirocheck Report



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The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
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rev.	date	amendments	drawn chkd

Client:
 Urban Developments (York) Ltd

Project Title:
 Cliff Hill, Leak Hall Crescent, Denby Dale, Huddersfield HD8 8RZ

Drawing Title:
 Existing Site Layout Plan

Scale at A3: 1:500 | Date: 07/09/21 | Drawn by: TO | Approved by: DM

Job Ref: 21-719 | Drg no: | Rev:



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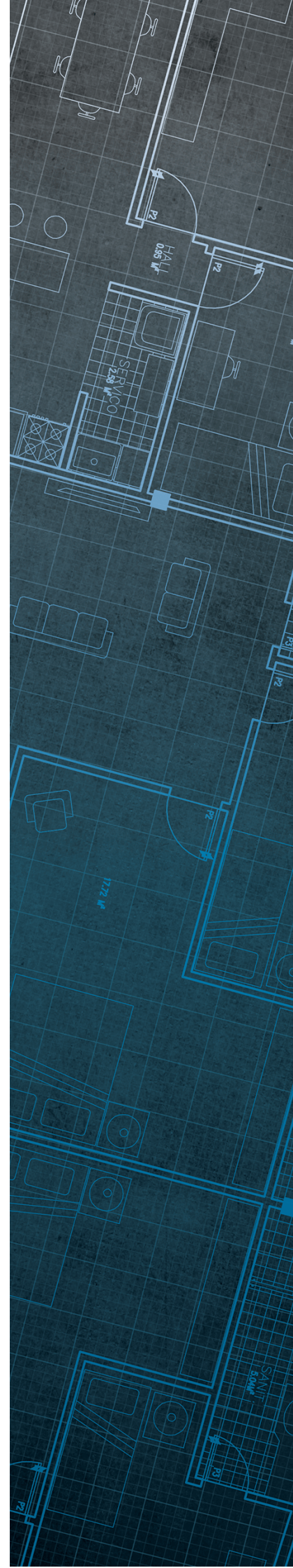
The Coal
Authority

Consultants Coal Mining Report

1 Leak Hall Crescent
Denby Dale
Huddersfield
Kirklees
HD8 8RZ

Date of enquiry: 2 September 2021
Date enquiry received: 2 September 2021
Issue date: 2 September 2021

Our reference: 51002645207001
Your reference: 21-719



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

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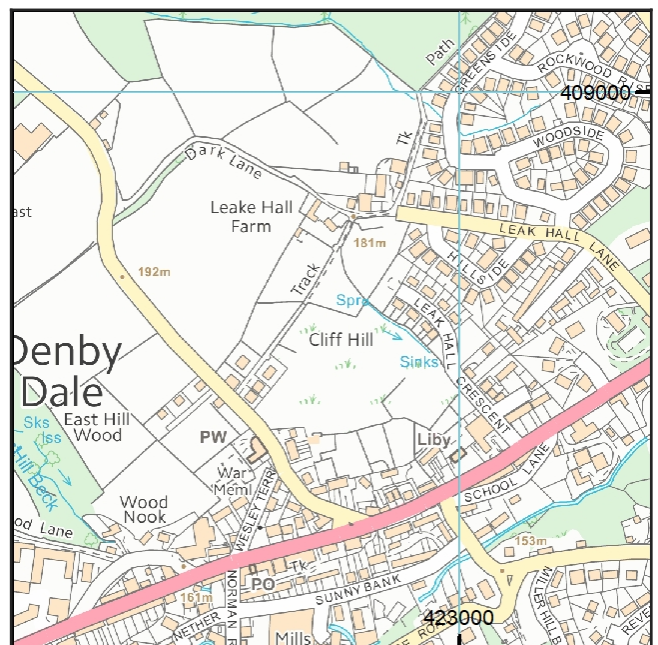
www.groundstability.com

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Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
SUNNYSIDE	LOW WHINMOOR	Coal	6HPC	4	Beneath Property	4.6	South	147	1939
unnamed	WHINMOOR	Coal	6HP2	5	Beneath Property	6.8	South	175	1929
SUNNYSIDE	LOW WHINMOOR	Coal	6HPH	8	Beneath Property	6.6	South	152	1920
SUNNYSIDE	LOW WHINMOOR	Coal	6HPD	10	Beneath Property	1.7	South	147	1939

Probable unrecorded shallow workings

Yes.

Spine roadways at shallow depth

Distance to spine roadway (m)	Direction to spine roadway
Within	N/A
Within	N/A

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Shaft	422408-081	422758 408641	This shaft was fully grouted in 2018 by Sirius Drilling Ltd. Shaft capped with a 4.00x4.00x0.50m reinforced concrete slab at a depth of 1.0m bgl (rockhead), designed by CoDa Structures and approved by Coal Authority in Feb 2020.	Coal	

Abandoned mine plan catalogue numbers

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

SY250	SY232	SY253
9113	SY257	SY225
9730	725	18304

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
LOW WHINMOOR	Coal	Yes	Within	N/A	299
LOW WHINMOOR	Coal	Yes	Within	N/A	325
WHINMOOR	Coal	Yes	Within	N/A	299

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

Distance to site investigation (m)	Direction
0.6	North-East
0.6	North-East
25.1	South-West
Within	N/A
23.6	South-West
1.1	North-West

See Section 4 for further information.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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

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

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

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

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

Payments to owners of former copyhold land

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

Section 4 – Further information

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

Development advice

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

Site investigations

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

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

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

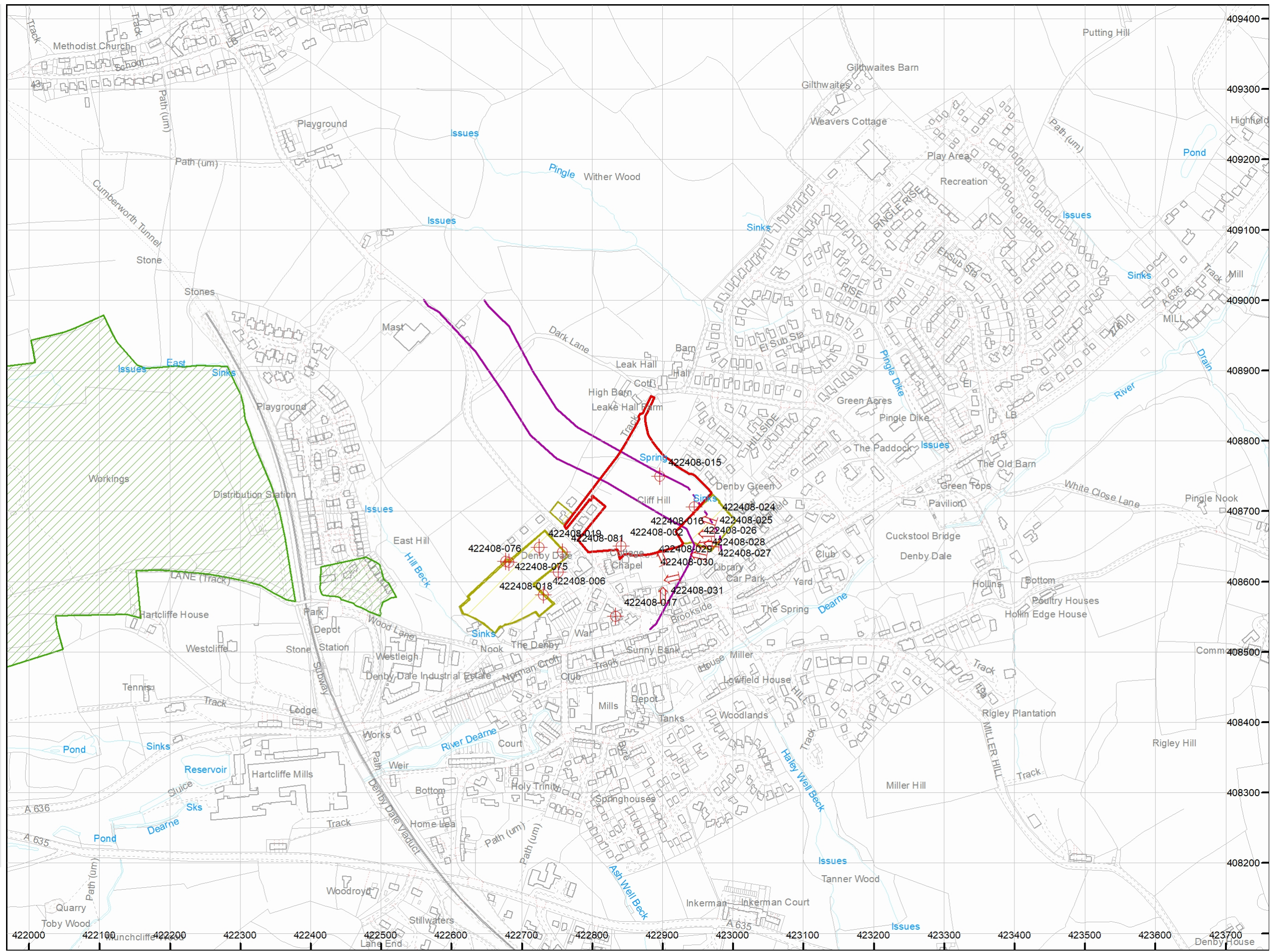
Payment to owners of former copyhold land

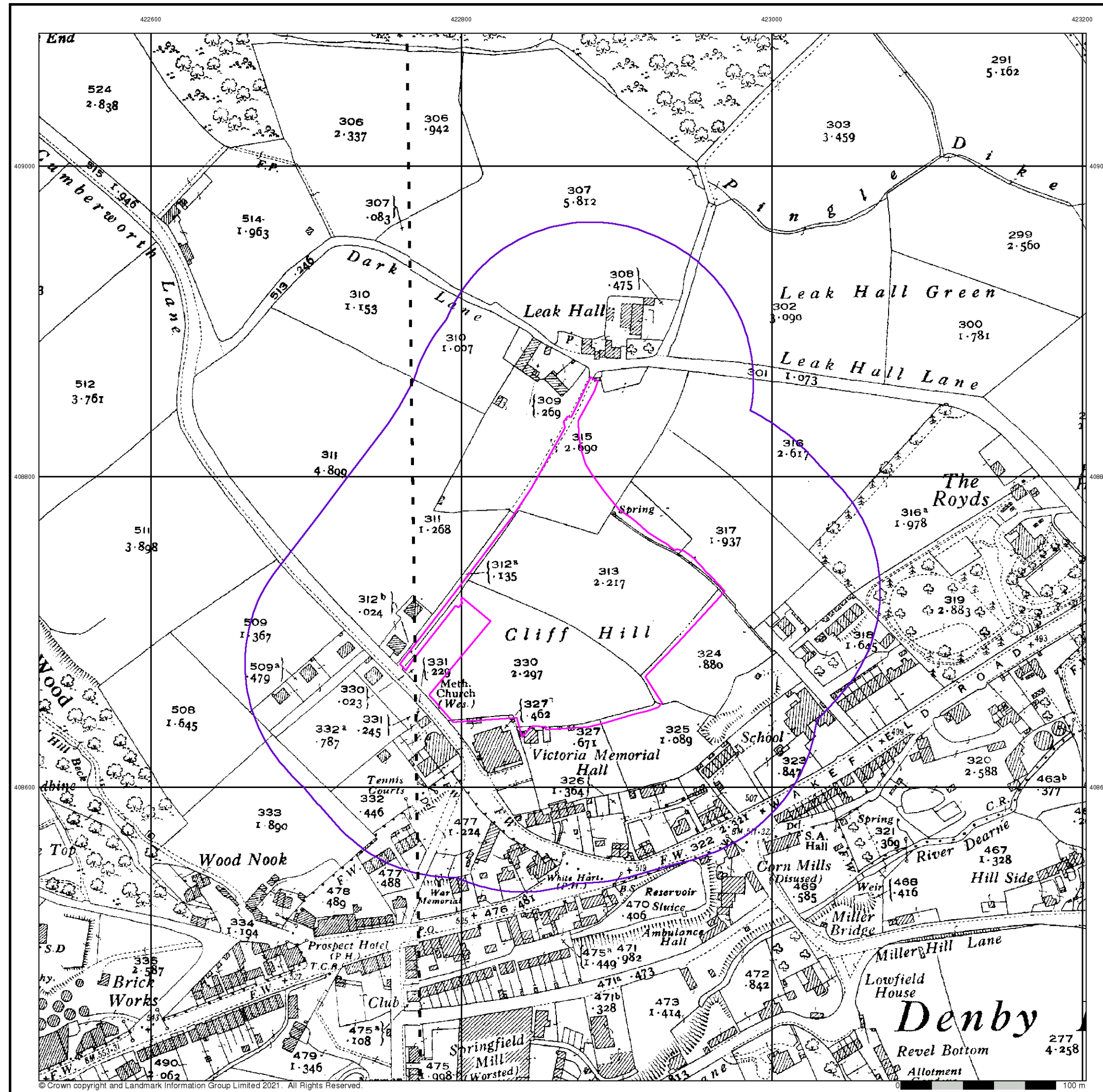
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

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 
- Disused adit 
- Outcrop (Proven) 
- Outcrop (Conjectured) 
- Unlicensed opencast site 
- Site investigations 





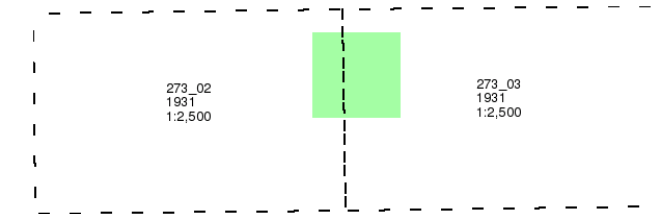
Yorkshire

Published 1931

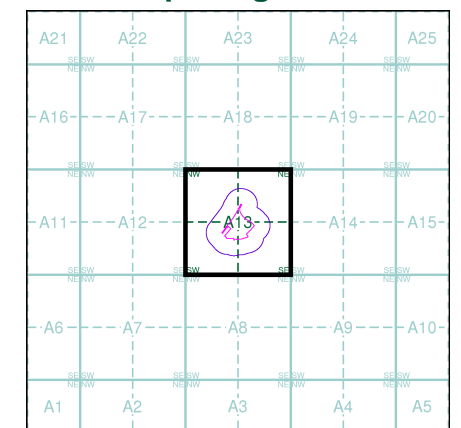
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

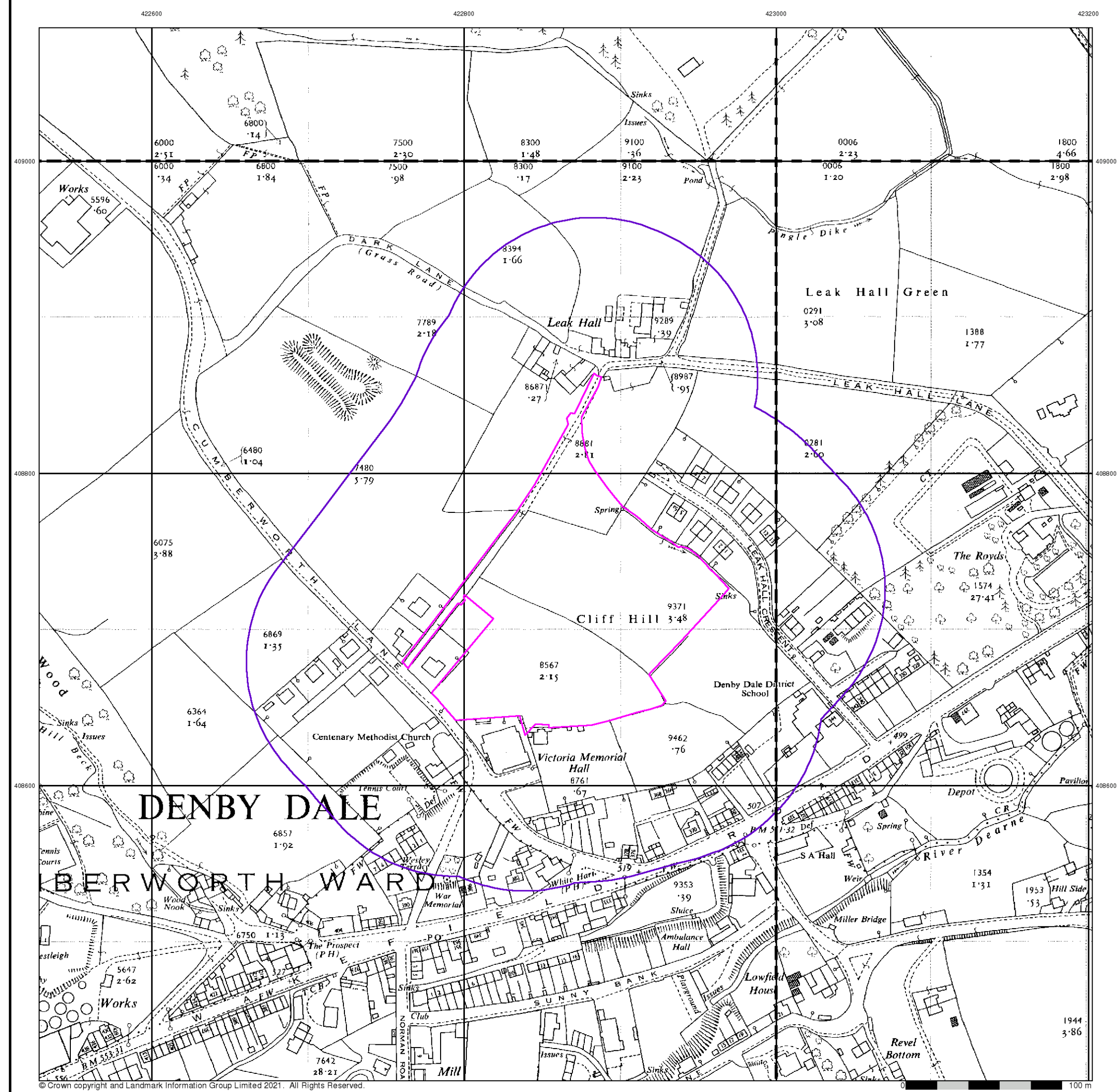
Order Number: 283903766_1_1
 Customer Ref: 21-719
 National Grid Reference: 422870, 408730
 Slice: A
 Site Area (Ha): 2.05
 Search Buffer (m): 100

Site Details

Cliff Hill, Leak Hall Crescent, Denby Dale, HUDDERSFIELD, HD8 8RZ



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



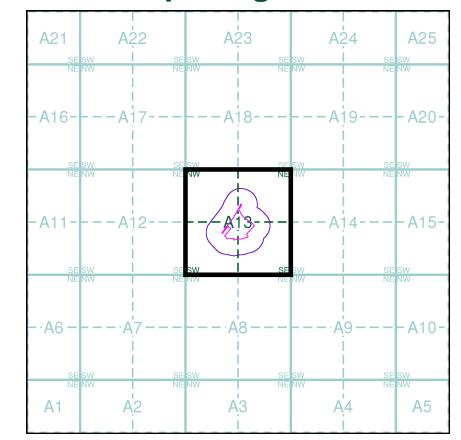
Ordnance Survey Plan
Published 1960
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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SE2208 1960 1:2,500	SE2308 1960 1:2,500

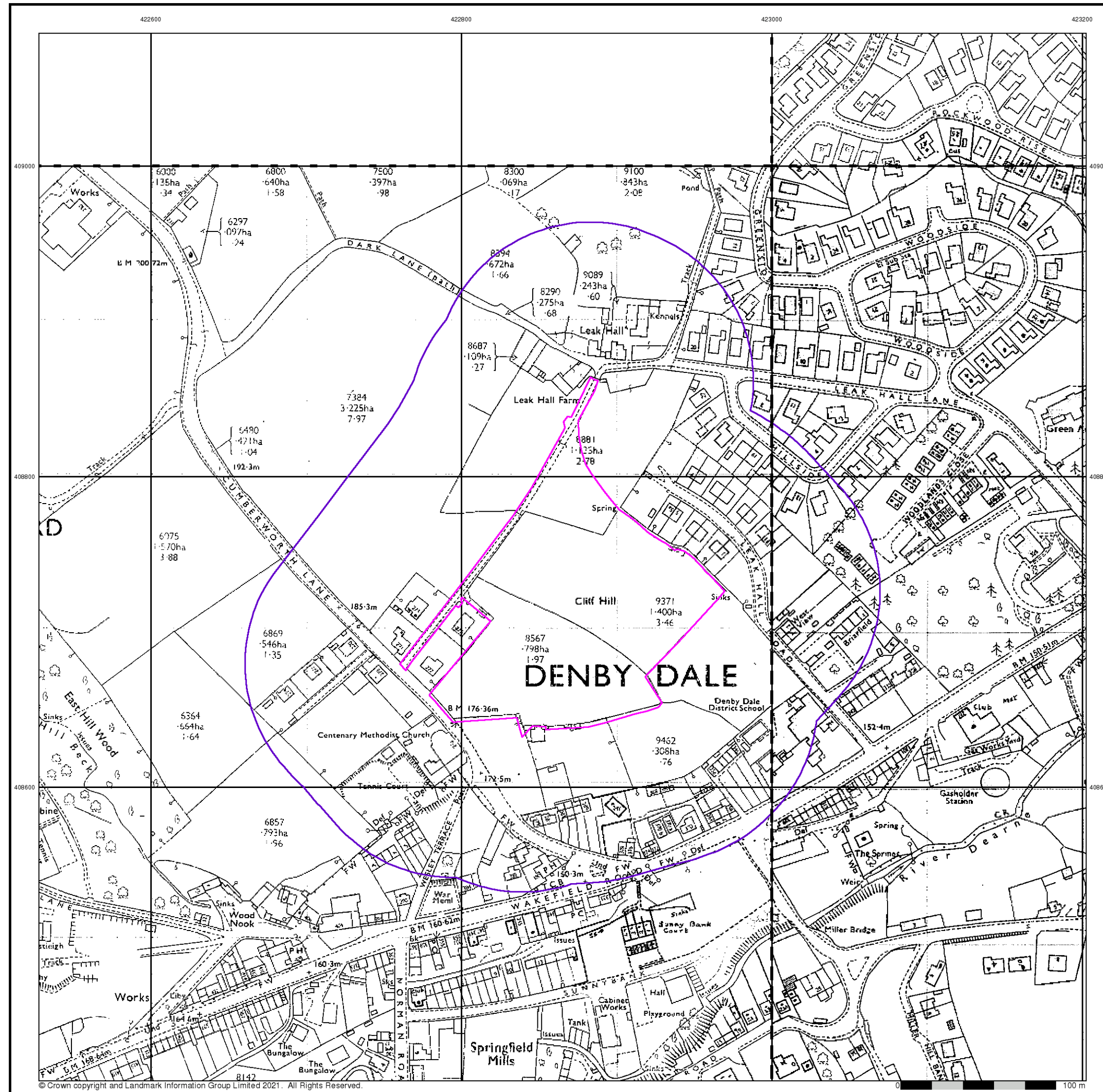
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Landmark
 INFORMATION GROUP
 Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



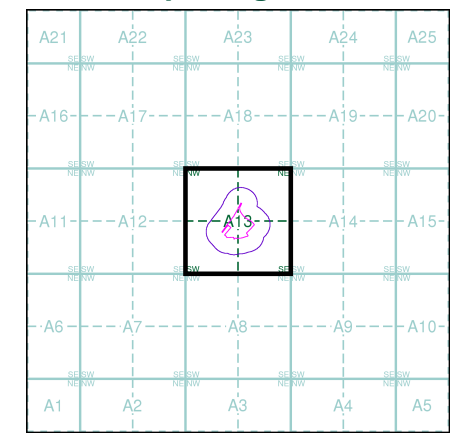
Additional SIMs
Published 1978 - 1980
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

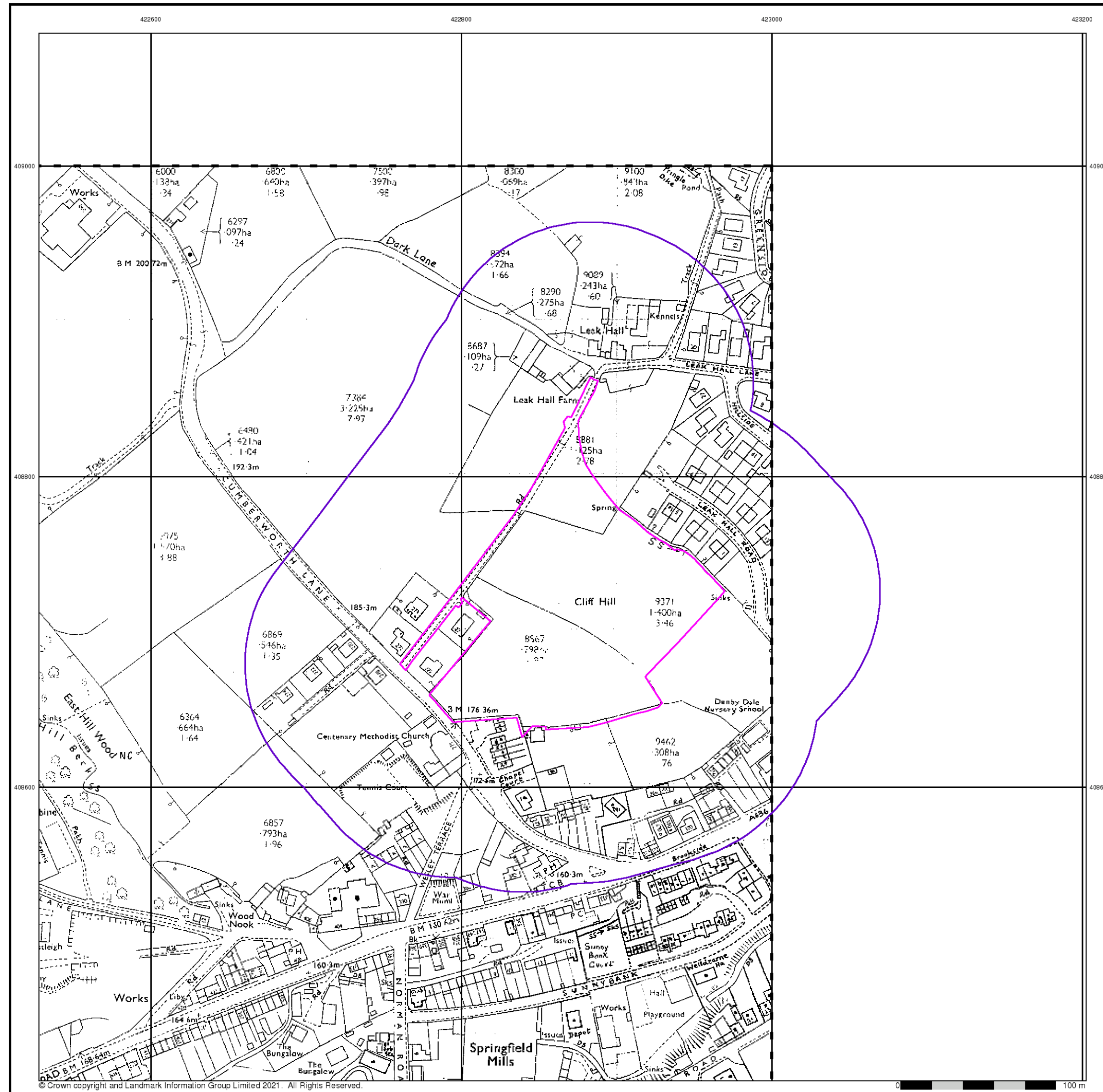
SE2309	1978	1:2,500
SE2208	1980	1:2,500
SE2308	1979	1:2,500

Historical Map - Segment A13



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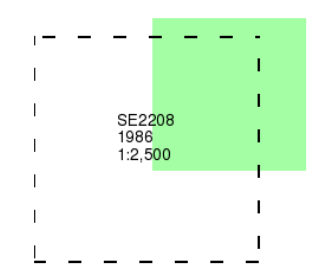
Additional SIMs

Published 1986

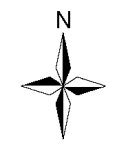
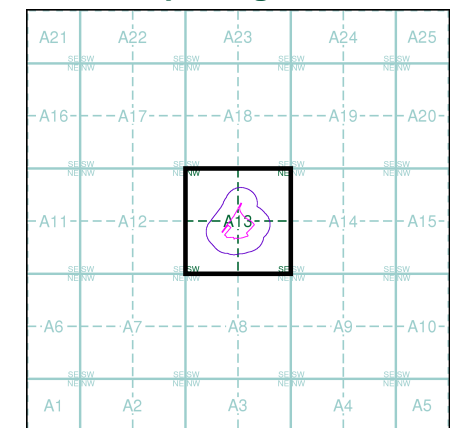
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Historical Map - Segment A13



Order Details

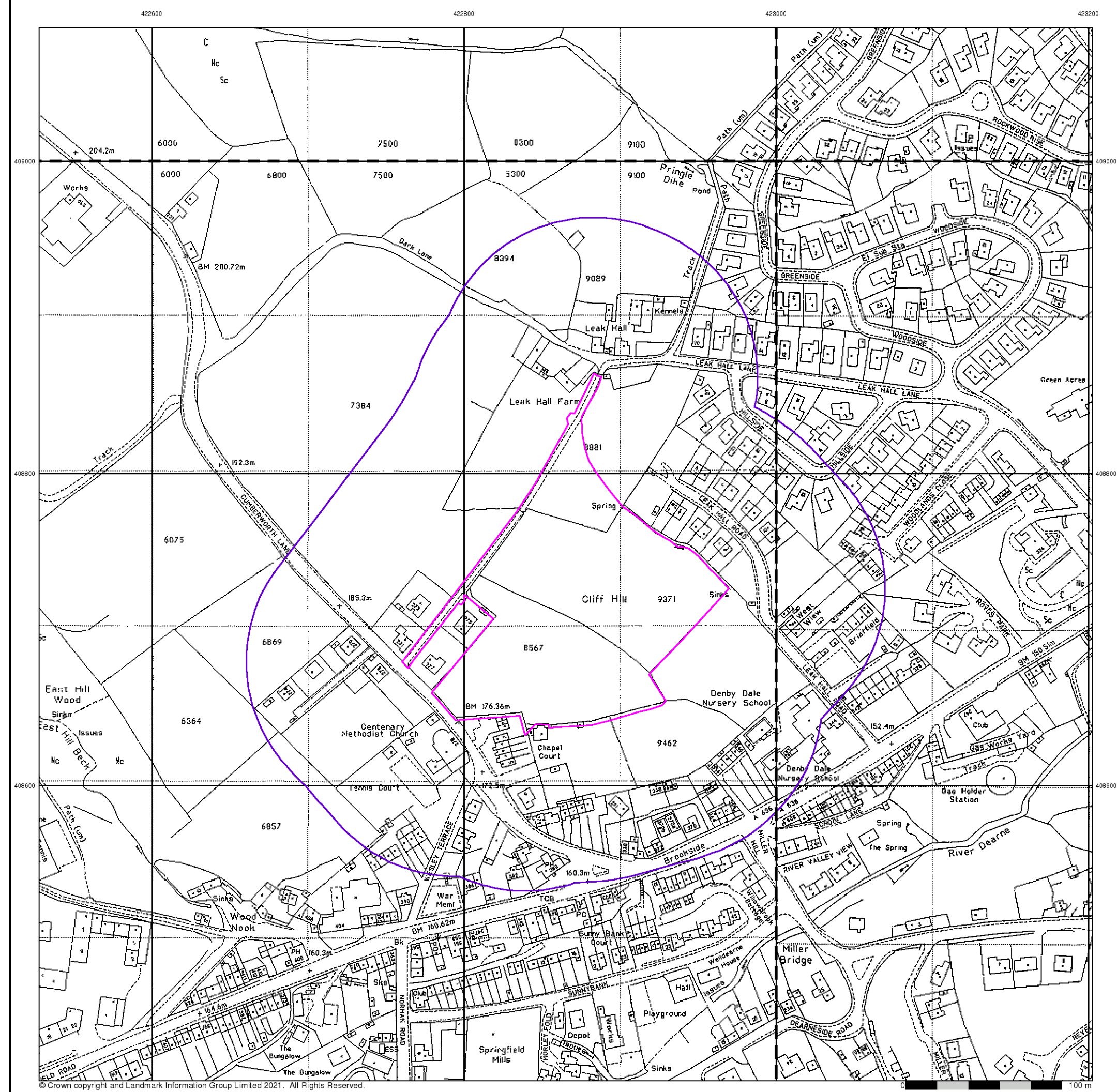
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 Customer Ref: 21-719
 National Grid Reference: 422870, 408730
 Slice: A
 Site Area (Ha): 2.05
 Search Buffer (m): 100

Site Details

Cliff Hill, Leak Hall Crescent, Denby Dale, HUDDERSFIELD, HD8 8RZ



Tel: 0844 844 9952
 Fax: 0844 844 9951
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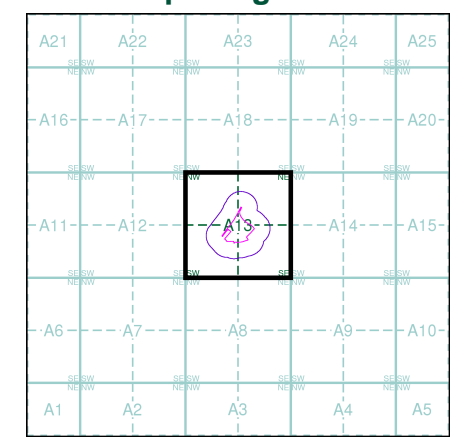
Large-Scale National Grid Data
Published 1993
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SE2209 1993 12,500	SE2309 1993 12,500
SE2208 1993 12,500	SE2308 1993 12,500

Historical Map - Segment A13



Order Details

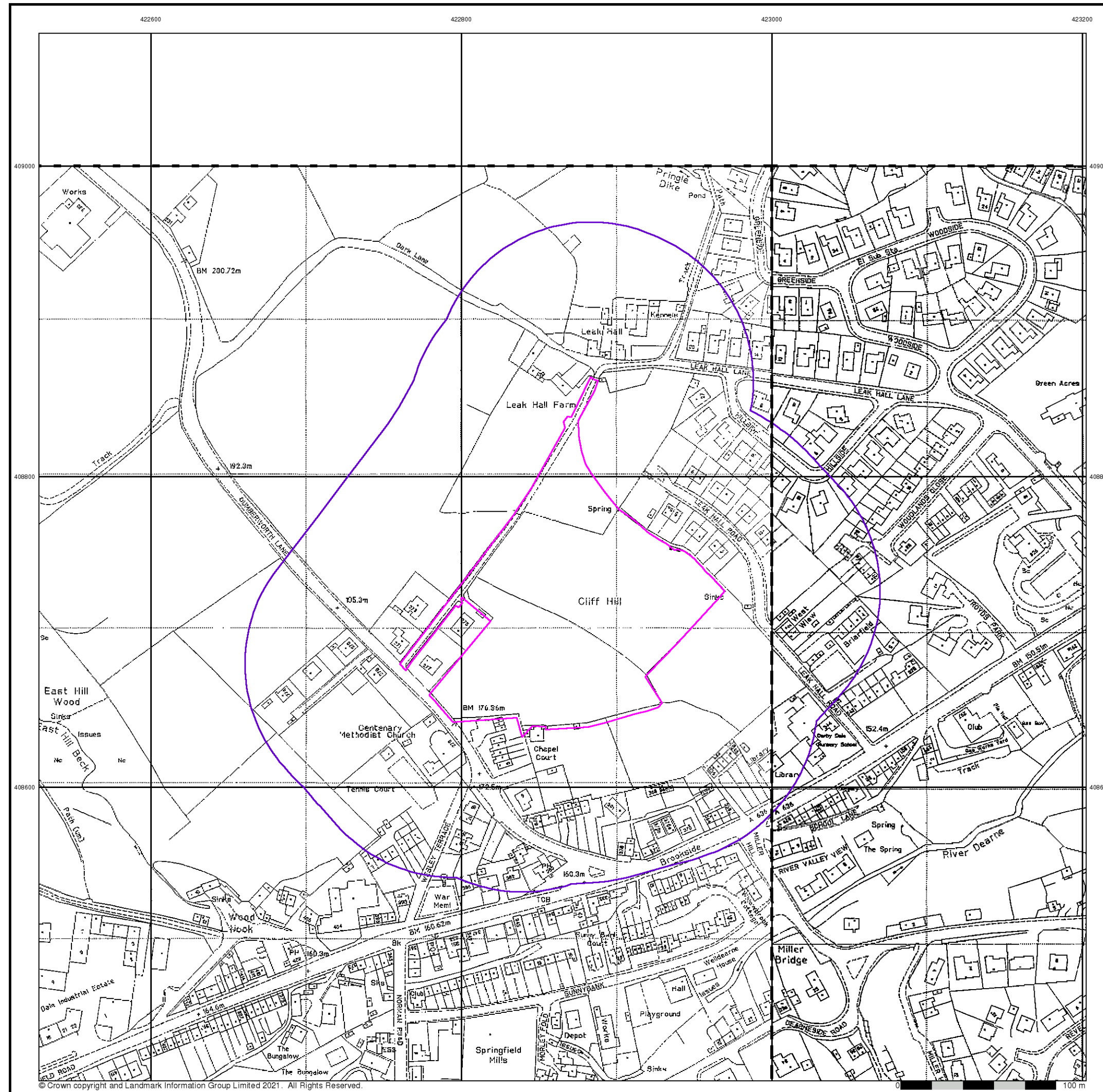
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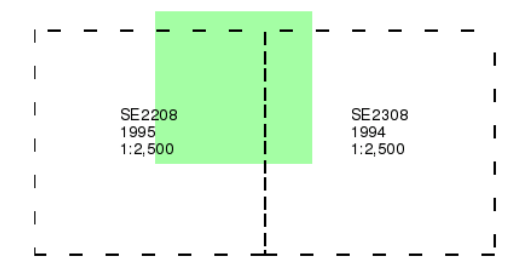
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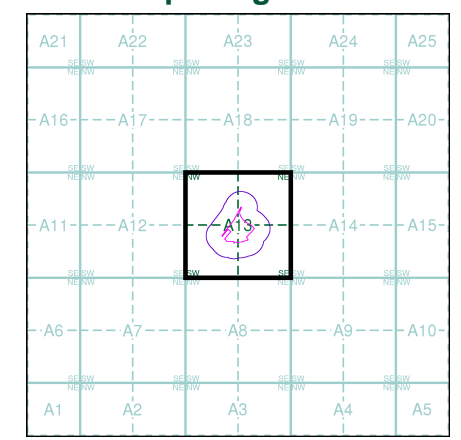
Large-Scale National Grid Data
Published 1994 - 1995
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

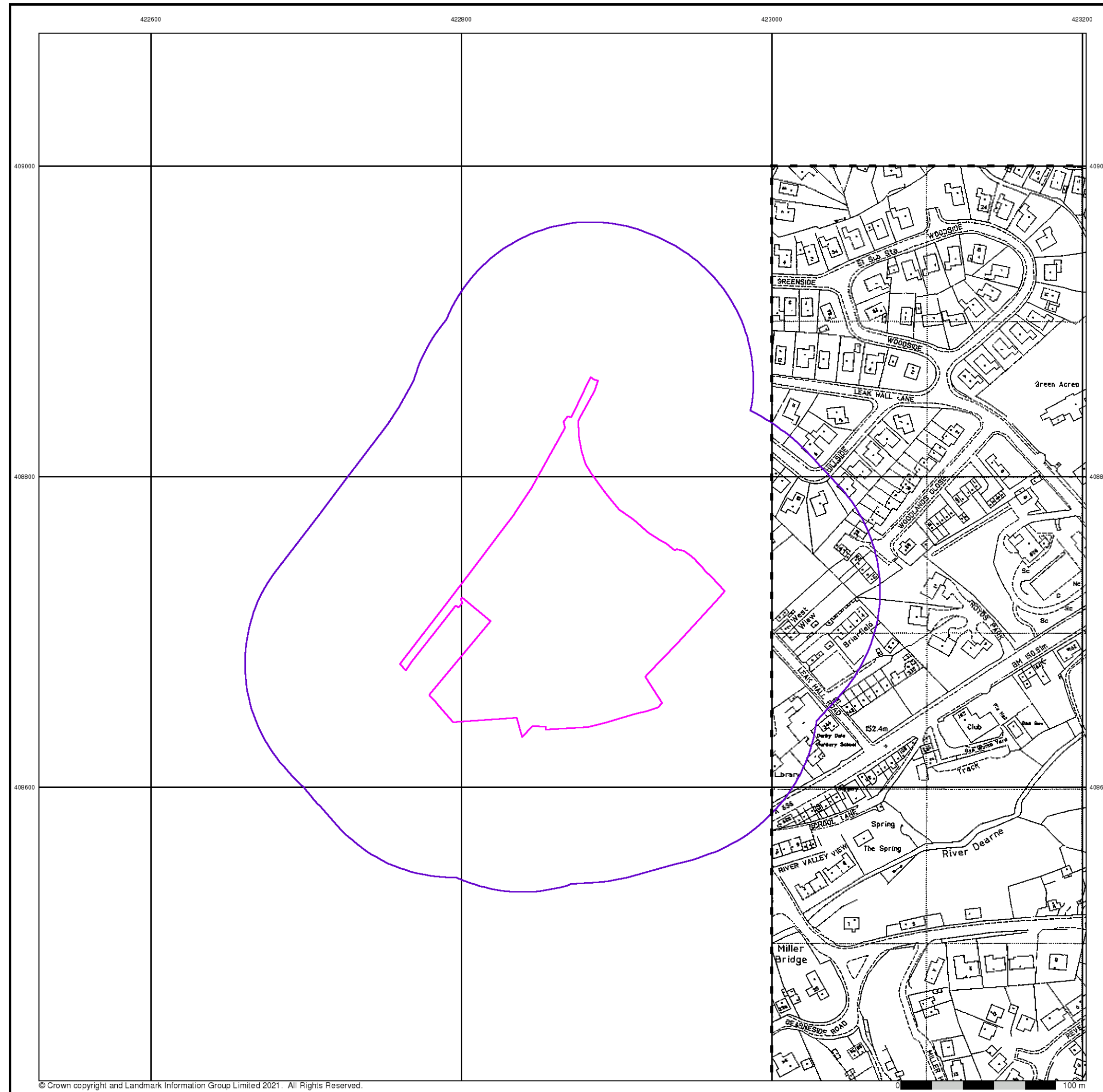
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 National Grid Reference: 422870, 408730
 Slice: A
 Site Area (Ha): 2.05
 Search Buffer (m): 100

Site Details

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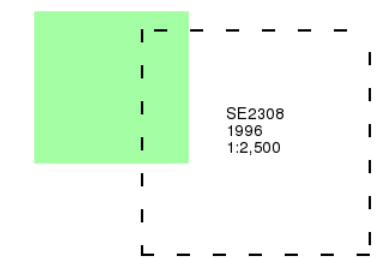
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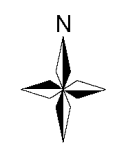
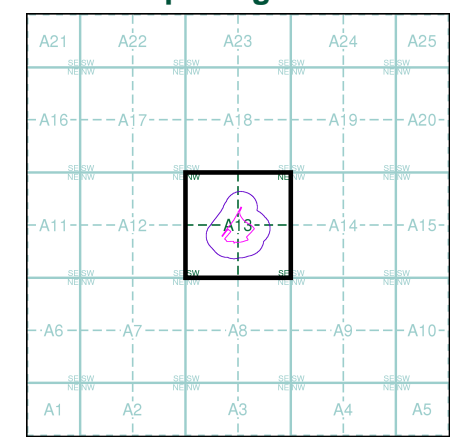
Large-Scale National Grid Data
Published 1996
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Local Authority Pollution Prevention and Controls Name: Greenfeeds (1991) Ltd Location: Victoria Mill, Wakefield Road, DENBY DALE, Huddersfield, HD8 8RP Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC W 77 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/26 Animal feed compounding Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	134	3	422730 408525
15	Local Authority Pollution Prevention and Controls Name: Hargreaves Ash Marketing Ltd Location: Westleigh House, Wakefield Road, Denby Dale, Hd8 8qj Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC W 166 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	292	3	422528 408504
16	Local Authority Pollution Prevention and Controls Name: Hargreaves Ash Marketing Ltd Location: Westleigh House, Wakefield Road, Denby Dale, Hd8 8qj Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Ppc W 143 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	309	3	422511 408498
17	Local Authority Pollution Prevention and Controls Name: Denby Dale Cast Products Ltd Location: 230 Cumberworth Lane, Denby Dale, Huddersfield, Hd8 8pr Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Ppc W 158 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	338	3	422546 408955
17	Local Authority Pollution Prevention and Controls Name: S I Wordsworth Ltd Location: 230 Cumberworth Lane, Denby Dale, HUDDERSFIELD, HD8 8PR Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Epa W143 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Not Supplied Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	340	3	422553 408968
17	Local Authority Pollution Prevention and Controls Name: S I Wordsworth Location: 230 Cumberworth Lane, Denby Dale, Lower Cumberworth, Huddersfield, West Yorkshire, HD8 8PR Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Epa W 75 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Not Supplied Positional Accuracy: Automatically positioned to the address	A13NW (NW)	341	3	422548 408962
17	Local Authority Pollution Prevention and Controls Name: S I Wordsworth Location: 230 Cumberworth Lane, Denby Dale, Lower Cumberworth, Huddersfield, West Yorkshire, HD8 8PR Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Epa W 74 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Not Supplied Positional Accuracy: Automatically positioned to the address	A13NW (NW)	341	3	422548 408962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Local Authority Pollution Prevention and Controls Name: S I Wordsworth Ltd Location: 230 Cumberworth Lane, Denby Dale, Hd8 8xn Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Epa W 136 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Not Supplied Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	342	3	422547 408963
18	Local Authority Pollution Prevention and Controls Name: S I Wordsworth Ltd Location: S I Wordsworth Ltd, 255 Wakefield Road, Denby Dale, HUDDERSFIELD, West Yorkshire, HD8 8SS Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Automatically positioned to the address	A14NE (E)	757	3	423663 409028
19	Local Authority Pollution Prevention and Control Enforcements Location: Victoria Mill, Wakefield Road, Denby Dale, Huddersfield, Hd8 8rp Type: Air Pollution Control Enforcement Notice Reference: EPA W77 Date Issued: Not Supplied Enforcement Date: Not Supplied Details: Failure To Comply With Enforcement Notice Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	485	3	422374 408388
	Nearest Surface Water Feature	A13NE (NE)	0	-	422901 408777
20	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Bretton/Source Dearne Afu Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 23rd July 1990 Incident Reference: 112915 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SW (S)	139	2	422800 408500
21	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Bretton/Source Dearne Afu Authority: Environment Agency, North East Region Pollutant: Not Given Note: Not Supplied Incident Date: 24th July 1992 Incident Reference: 135281 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	169	2	423000 408500
22	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Bretton/Source Dearne Afu Authority: Environment Agency, North East Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 27th May 1992 Incident Reference: 133282 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	311	2	422600 408400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: River_Dearne GQA Grade: River Quality B Reach: Denby_Dale_Hinchcliffe' Estimated Distance (km): 2.1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A7NE (SW)	691	2	422298 408161
45	River Quality Biology Sampling Points Name: Dearne Reach: Hinchcliffe'S To Park Gate Dyke Estimated Distance: 6.60 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 1995 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2000 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2002 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2003 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2004 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2005 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2006 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2007 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2008 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good	A7NE (SW)	507	2	422346 408389
46	River Quality Biology Sampling Points Name: Dearne Reach: Denby Dale To Hinchcliffe'S Estimated Distance: 2.10 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 1995 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2006 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2007 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2008 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good	A7NW (SW)	775	2	422146 408208
47	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 8th March 2009 Incident Reference: 659669 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant	A7NW (SW)	794	2	422130 408197

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/144/R01 Permit Version: 1 Location: Borehole - Coal Measures - Greenmoor Rock - Denby Dale Authority: Environment Agency, North East Region Abstraction: Industrial, Commercial and Public Services: Transfer Between Sources (Post Water Act 2003) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	625	2	422259 408307
51	<p>Water Abstractions</p> <p>Operator: Naylor Clayware Limited Licence Number: 2/27/08/032 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 27 Yearly Rate (m3): 9092 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	603	2	422200 408900
52	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/144 Permit Version: 1 Location: Borehole - Coal Measures - Greenmoor Rock - Denby Dale Authority: Environment Agency, North East Region Abstraction: Textiles & Leather: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	695	2	422200 408270
52	<p>Water Abstractions</p> <p>Operator: Hinchcliffe & Sons Ltd Licence Number: 2/27/08/144 Permit Version: 1 Location: Borehole - Coal Measures - Greenmoor Rock - Denby Dale Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Hartcliffe Mills, Denby Dale, Huddersfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	695	2	422200 408270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hepworth Pipe Co Ltd Licence Number: 2/27/11/124 Permit Version: 100 Location: Spring - Coal Measures - Day Hole Workings Authority: Environment Agency, North East Region Abstraction: Mineral Products: General Use(High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 27 Yearly Rate (m3): 6800 Details: Workings At Cumberworth, Nr. Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th May 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1310	2	421800 409600
	Water Abstractions Operator: Z. Hinchcliffe & Son Ltd Licence Number: 2/27/08/053 Permit Version: Not Supplied Location: Hartcliffe Mills, Denby Dale, HUDDERSFIELD, West Yorkshire Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 125 Yearly Rate (m3): 45460 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (W)	1349	2	421500 408200
	Water Abstractions Operator: Yorkshire Water Authority Licence Number: 2/27/08/050 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Water Undertaking Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 682 Yearly Rate (m3): 248894 Details: Coal Measures Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (W)	1509	2	421300 408300
	Water Abstractions Operator: Edwin Field & Sons Ltd Licence Number: 2/27/08/020 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 91 Yearly Rate (m3): 22730 Details: Millstone Grit Licence Lapsed Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1883	2	423300 410700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 239.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A8NW (S)	297	5	422713 408357
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pingle Dike Catchment Name: Don and Rother Primacy: 1	A14NW (E)	299	5	423239 408856
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pingle Dike Catchment Name: Don and Rother Primacy: 1	A14NW (E)	300	5	423242 408850
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Haley Well Beck Catchment Name: Don and Rother Primacy: 1	A8NE (SE)	301	5	423065 408385
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pingle Dike Catchment Name: Don and Rother Primacy: 1	A14NW (E)	307	5	423254 408839
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pingle Dike Catchment Name: Don and Rother Primacy: 1	A14NW (E)	312	5	423273 408797
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pingle Dike Catchment Name: Don and Rother Primacy: 1	A14NW (E)	329	5	423294 408778
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A14SW (E)	336	5	423302 408677
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SW (NW)	365	5	422607 409102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SW (E)	474	5	423400 408528
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: East Hill Beck Catchment Name: Don and Rother Primacy: 1	A12NE (W)	531	5	422281 408907
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ash Well Beck Catchment Name: Don and Rother Primacy: 1	A8SE (S)	591	5	422888 408043
117	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 50.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A7NE (SW)	596	5	422284 408322
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: East Hill Beck Catchment Name: Don and Rother Primacy: 1	A12NW (W)	618	5	422187 408907
119	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 22.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A7NE (SW)	626	5	422236 408339
120	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 21.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7NE (SW)	626	5	422236 408339
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7NE (SW)	636	5	422218 408349
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: East Hill Beck Catchment Name: Don and Rother Primacy: 1	A12NW (W)	642	5	422160 408905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 480.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thorpe Dike Catchment Name: Don and Rother Primacy: 1	A18NW (N)	768	5	422743 409619
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	769	5	422116 408261
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: Underground Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	770	5	422120 408252
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.5 Watercourse Level: Underground Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	771	5	422114 408260
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Munchcliffe Beck Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	771	5	422119 408252
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thorpe Dike Catchment Name: Don and Rother Primacy: 1	A17NE (NW)	776	5	422485 409530
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	782	5	422121 408230
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Munchcliffe Beck Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	782	5	422121 408230
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Munchcliffe Beck Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	783	5	422121 408228

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	<p>OS Water Network Lines</p> <p>Watercourse Form: Inland river Watercourse Length: 116.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Dearne Catchment Name: Don and Rother Primacy: 1</p>	A19SE (NE)	994	5	423851 409185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
178	Historical Landfill Sites Licence Holder: Naylor Brothers (Clayware) Limited Location: Denby Dale Name: Bromley Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04197 First Input Date: 31st December 1983 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4700/0747 BGS Ref: Not Supplied Other Ref: 4700/WDL0160	A13SW (W)	222	2	422535 408678
179	Historical Landfill Sites Licence Holder: Naylor Brothers (Clayware) Limited Location: Denby Dale, Huddersfield, West Yorkshire Name: Bromley Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04795 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 60993 Regis Ref: YQ3/L/NAY001 WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 4400/W1158	A12SE (W)	247	2	422518 408725
180	Historical Landfill Sites Licence Holder: West Yorkshire Waste Management Limited Location: Upper Cumberworth, Denby Dale, West Yorkshire Name: Bromley Farm Quarry Operator Location: Chantry House, 123 Kirkgate, Wakefield Boundary Accuracy: As Supplied Provider Reference: EAHLD30239 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4700/0786 BGS Ref: Not Supplied Other Ref: 4700/WDL/1087, WY144, 4700/1087	A12SW (W)	736	2	422028 408609
181	Historical Landfill Sites Licence Holder: Not Supplied Location: Denby Dale Name: Junction A635 and A636 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD35061 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A7NW (SW)	780	2	422101 408264
182	Historical Landfill Sites Licence Holder: Not Supplied Location: Lower Cumberworth Name: Shelley Woodhouse Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD35069 First Input Date: 1st January 1990 Last Input Date: 31st December 1990 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A17NE (NW)	886	2	422298 409528

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
207	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1907</p>	A7NE (SW)	490	-	422413 408334
208	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955</p>	A19SW (NE)	624	-	423372 409254
209	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955</p>	A12NW (W)	651	-	422151 408909
210	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955</p>	A12NW (W)	837	-	421947 408875
211	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955</p>	A19SE (NE)	941	-	423788 409189
212	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955</p>	A19SE (NE)	989	-	423851 409173
213	<p>Registered Landfill Sites</p> <p>Licence Holder: Naylor Bros (Clayware) Ltd Licence Reference: WD20 W1158 MOD 4 (160) Site Location: Naylor Bros, Bromley Works, Denby Dale, Huddersfield, West Yorkshire Licence Easting: 422490 Licence Northing: 408700 Operator Location: Clough Green, Cawthorne, BARNSELY, South Yorkshire, S75 4AD Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence has completion certificateSurrendered Dated: 22nd December 1983 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Boiler Ash Excavation Waste Max.Waste Permitted By Licence Solid Clayware Prohibited Waste: Liable To Cause Environmental Hazards Poisonous, Noxious, Polluting Wastes Special Wastes (As In '96 Regs) Waste N.O.S.</p>	A12SE (W)	272	2	422490 408700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
214	<p>Registered Landfill Sites</p> <p>Licence Holder: West Yorks Waste Management Licence Reference: WY 144 Site Location: Bromley Farm Phase 3, Upper Cumberworth, Denby Dale, Huddersfield, West Yorkshire Licence Easting: 421800 Licence Northing: 408700 Operator Location: 54 Bradford Road, BRIGHOUSE, West Yorkshire, HD6 1RY Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1991 Preceded By: Wy 135 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste Ash Bulky Household Waste Com. & Ind. Waste Foundry Sand Garden Waste/Plant Material General Household Waste Scrap Metal Uncontam. Constr'N/Demolition Waste Uncontam. Earth & Excavation Waste Special Wastes Waste N.O.S.</p> <p>Prohibited Waste</p>	A11SE (W)	961	2	421800 408700
214	<p>Registered Landfill Sites</p> <p>Licence Holder: West Yorks Waste Management Licence Reference: WY 135 Site Location: Bromley Road Quarry Extension, Upper Cumberworth, Denby Dale, Huddersfield, West Yorkshire Licence Easting: 421800 Licence Northing: 408700 Operator Location: 54 Bradford Road, BRIGHOUSE, West Yorkshire, HD6 1RY Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill - with civic amenity Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st October 1987 Preceded By: WY 98 Licence: Superseded By: Wy 144 Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste House, Com + Ind.Waste Prohibited Waste Difficult Wastes Hazardous Wastes Liable To Cause Enviromental Hazards Poisonous, Noxious, Polluting Wastes Special Wastes</p>	A11SE (W)	961	2	421800 408700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13SE (S)	0	1	422867 408735
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (S)	0	1	422867 408735
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NW (N)	180	1	422766 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	210	1	423036 409012
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 120 - 180 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A14SW (E)	343	1	423311 408694
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NE (NW)	405	1	422497 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 120 - 180 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A14NE (E)	590	1	423542 408866

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
258	Points of Interest - Manufacturing and Production Name: Tank Location: HD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	237	9	422913 408404
259	Points of Interest - Manufacturing and Production Name: Denby Dale Industrial Estate Location: HD8 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	301	9	422551 408463
260	Points of Interest - Manufacturing and Production Name: Denby Dale Industrial Estate Location: HD8 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	318	9	422528 408463
260	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	396	9	422496 408382
260	Points of Interest - Manufacturing and Production Name: Works Location: HD8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7NE (SW)	409	9	422481 408380
261	Points of Interest - Manufacturing and Production Name: Works Location: HD8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13NW (NW)	338	9	422542 408949
261	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	348	9	422551 408982
262	Points of Interest - Manufacturing and Production Name: Works Location: HD8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	349	9	423247 408511
262	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	351	9	423249 408510
263	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	364	9	422687 408295
264	Points of Interest - Manufacturing and Production Name: Poultry Houses Location: HD8 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	507	9	423452 408572
265	Points of Interest - Manufacturing and Production Name: Workings Location: HD8 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	651	9	422113 408747

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
265	Points of Interest - Manufacturing and Production Name: Quarry Location: HD8 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	697	9	422064 408702
266	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	743	9	423654 409014
267	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: HD8 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	888	9	422060 408135
267	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: HD8 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A7NW (SW)	902	9	422041 408137
268	Points of Interest - Manufacturing and Production Name: Quarry Location: HD8 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	902	9	421860 408644
269	Points of Interest - Manufacturing and Production Name: Tank Location: HD8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	904	9	423031 407748
270	Points of Interest - Manufacturing and Production Name: Clay Pit Location: HD8 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	965	9	423712 409364
271	Points of Interest - Public Infrastructure Name: Denby Dale Rail Station Location: HD8 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A12SE (SW)	393	9	422417 408490
271	Points of Interest - Public Infrastructure Name: Denby Dale Station Location: Nr Wood Lane, HD8 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A12SE (SW)	393	9	422417 408490
272	Points of Interest - Public Infrastructure Name: Weir Location: HD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	405	9	422527 408339
272	Points of Interest - Public Infrastructure Name: Weir Location: HD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	407	9	422525 408338
273	Points of Interest - Public Infrastructure Name: Sluice Location: HD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	663	9	422214 408305

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
273	Points of Interest - Public Infrastructure Name: Sluice Location: HD8 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	672	9	422207 408299
274	Points of Interest - Public Infrastructure Name: Spoil Heap Location: HD8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	742	9	422033 408825
274	Points of Interest - Public Infrastructure Name: Spoil Heap Location: HD8 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	809	9	421962 408809
275	Points of Interest - Recreational and Environmental Name: Playground Location: Sunnybank, HD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SE (S)	189	9	422916 408453
275	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	194	9	422929 408451
276	Points of Interest - Recreational and Environmental Name: Playground Location: Bluehills Lane, HD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12NE (W)	436	9	422365 408862
277	Points of Interest - Recreational and Environmental Name: Playground Location: Pingle Rise, HD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SW (NE)	516	9	423285 409190
277	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	518	9	423292 409185
278	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Cumberworth Lane, HD8 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17SE (NW)	590	9	422429 409239
278	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	602	9	422414 409241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
279	Ancient Woodland Name: Wither Wood Reference: 1103229 Area(m ²): 63056.56 Type: Plantation on Ancient Woodland	A13NE (N)	154	10	422955 409000
280	Ancient Woodland Name: Hagg Wood Reference: 1103228 Area(m ²): 26305.22 Type: Plantation on Ancient Woodland	A8NW (S)	568	10	422612 408104
281	Ancient Woodland Name: Munchcliffe And Ward Woods Reference: 1103226 Area(m ²): 124835.07 Type: Plantation on Ancient Woodland	A7NE (SW)	572	10	422439 408194
282	Areas of Adopted Green Belt Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Unitary Development Plan Status: Adopted Plan Date: 1st March 1999	A13NW (NW)	0	11	422824 408767
283	Areas of Unadopted Green Belt Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Local Plan Status: Submission Draft Plan Date: 25th April 2017	A13NW (NW)	0	11	422824 408767
284	Nitrate Vulnerable Zones Name: River Dearne Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (S)	0	4	422867 408735









Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	March 2021	Quarterly
Flood Defences Environment Agency - Head Office	March 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	July 2021 July 2021	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	July 2021 July 2021	Quarterly Quarterly
Local Authority Landfill Coverage Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Planning Services	February 2003 February 2003	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Planning Services	October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Kirklees Metropolitan Borough Council - Planning Services Barnsley Metropolitan Borough Council - Planning Department	August 2015 January 2016	Variable Variable
Planning Hazardous Substance Consents Kirklees Metropolitan Borough Council - Planning Services Barnsley Metropolitan Borough Council - Planning Department	August 2015 January 2016	Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2021	Quarterly
Gas Pipelines National Grid	May 2021	Annually
Points of Interest - Commercial Services PointX	June 2021	Quarterly
Points of Interest - Education and Health PointX	June 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2021	Quarterly
Points of Interest - Public Infrastructure PointX	June 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2021	Quarterly
Underground Electrical Cables National Grid	May 2021	Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Barnsley Metropolitan Borough Council - Planning Department Kirklees Metropolitan Borough Council	October 2020 October 2020	Quarterly Quarterly
Areas of Unadopted Green Belt Barnsley Metropolitan Borough Council - Planning Department Kirklees Metropolitan Borough Council	October 2020 October 2020	Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Kirklees Metropolitan Borough Council - Environmental Health Department West Riding House, 9 Manchester Road, Huddersfield, West Yorkshire, HD1 3HH	Telephone: 01484 221000 Email: customer.relations@kirklees.gov.uk Website: www.kirklees.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Kirklees Metropolitan Borough Council - Planning Services PO BOX B93, Civic Centre III, Off Market Street, Huddersfield, West Yorkshire, HD1 2JR	Telephone: 01484 221000 Fax: 01484 221613 Website: www.kirklees.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
9	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
11	Kirklees Metropolitan Borough Council Town Hall, Civic Centre, Huddersfield, West Yorkshire, HD1 2TA	Telephone: 01484 221000 Fax: 01484 442768 Website: www.kirklees.gov.uk
12	Barnsley Metropolitan Borough Council - Planning Department Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.