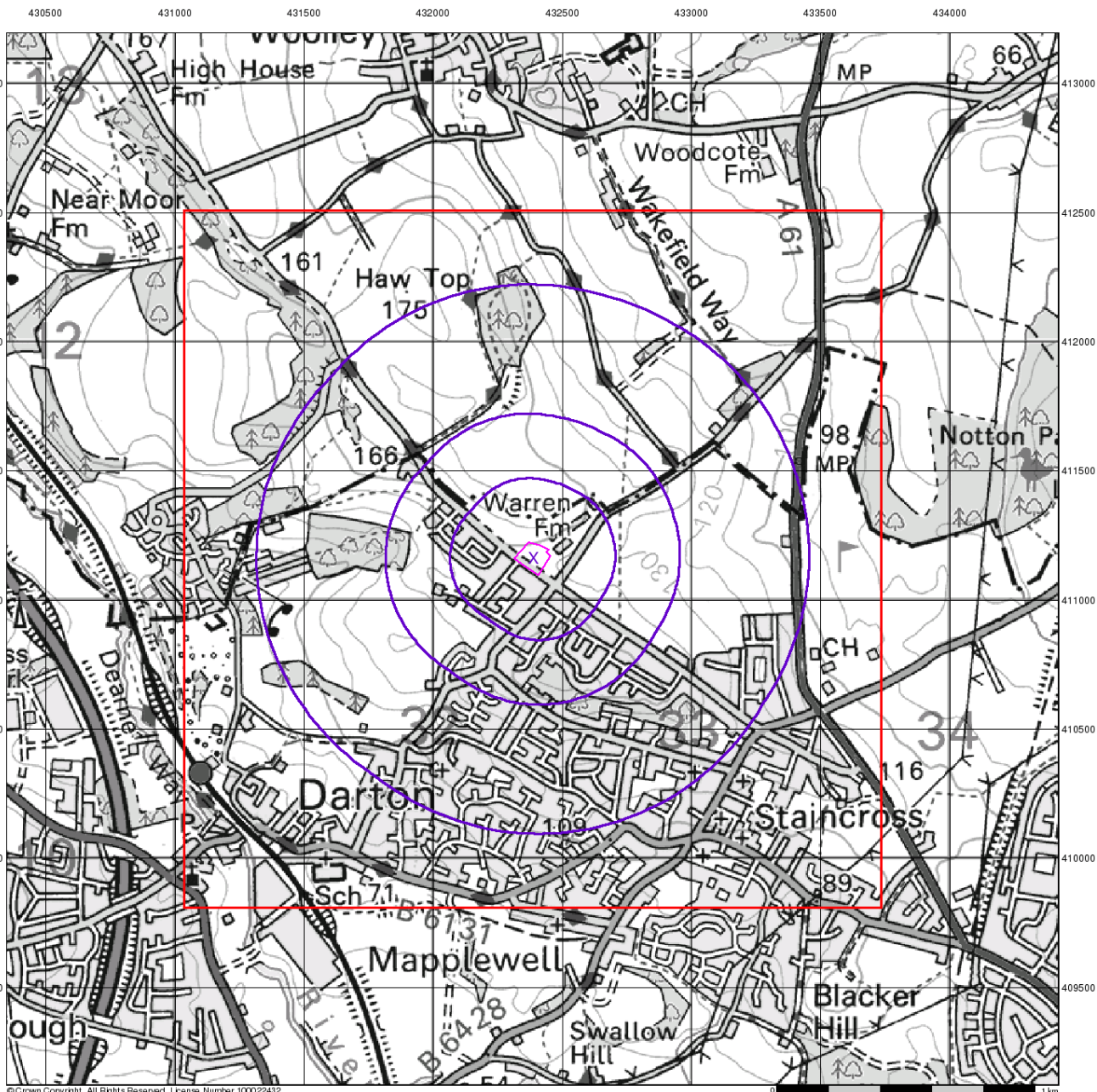




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Source Protection Zones

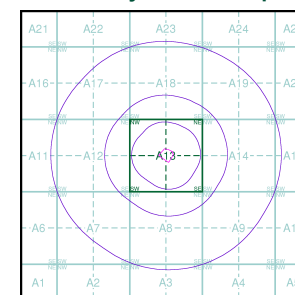
General

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

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A

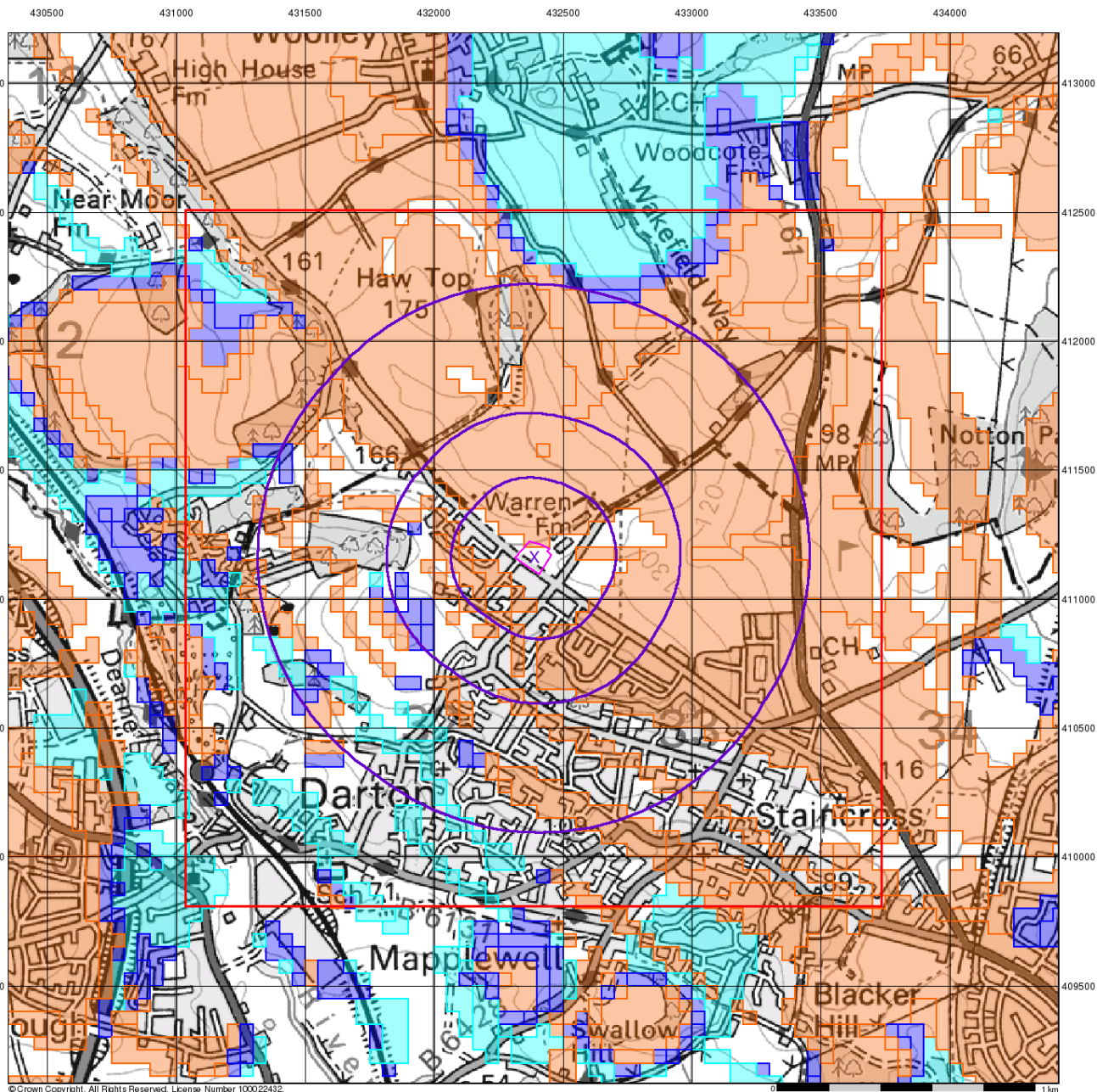


Order Details

Order Number: 339685172_2_1
 Customer Ref: 1226
 National Grid Reference: 432390, 411160
 Slice: A
 Site Area (Ha): 1.01
 Search Buffer (m): 1000

Site Details

1, Windhill Lane, Staincross, BARNLEY, S75 5BH



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BGS Flood GFS Data

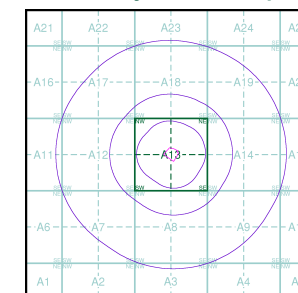
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

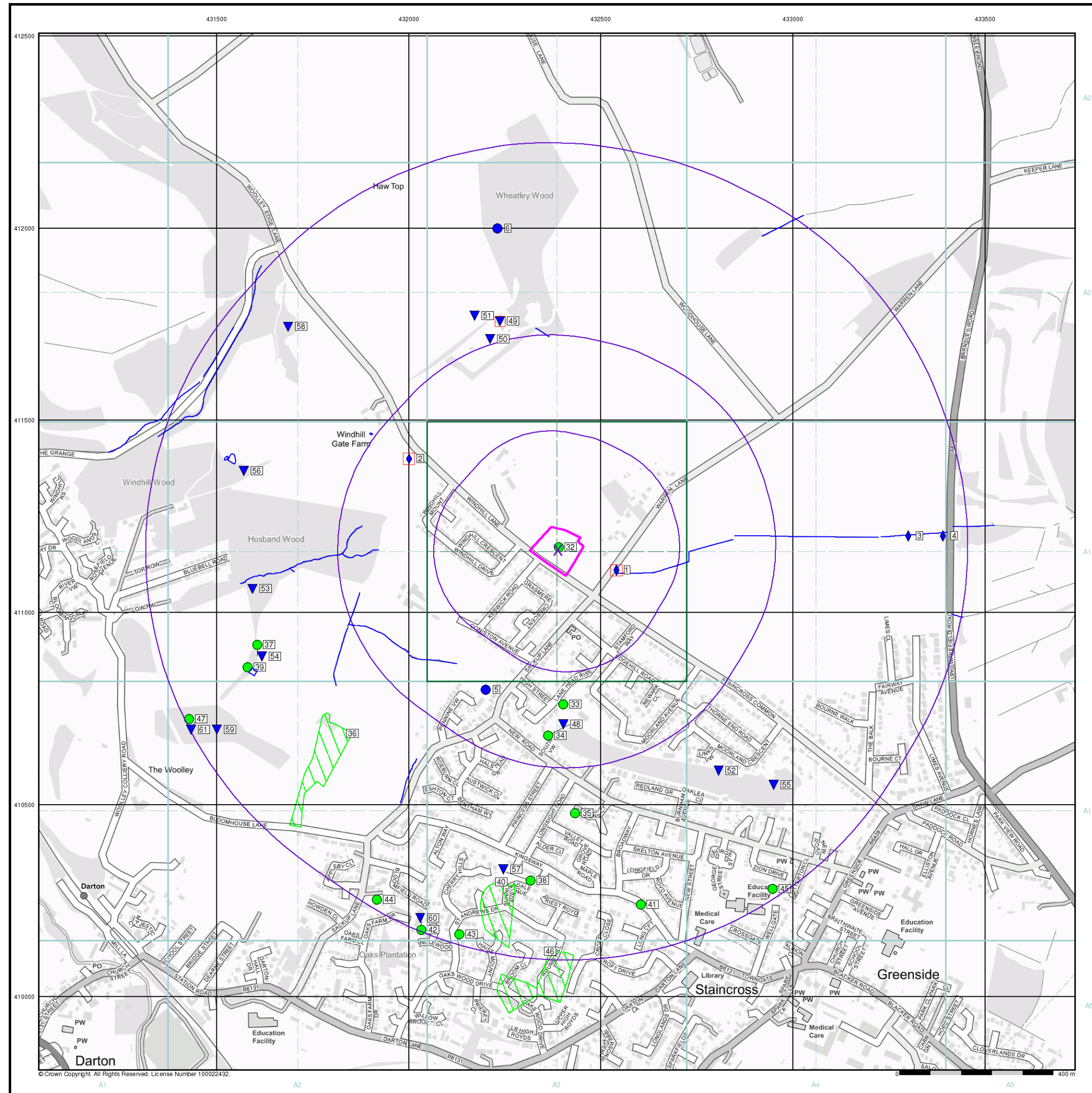
Order Number: 339685172_2_1
Customer Ref: 1226
National Grid Reference: 432390, 411160
Slice: A
Site Area (Ha): 1.01
Search Buffer (m): 1000

Site Details

1, Windhill Lane, Staincross, BARNSELY, S75 5BH

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Web: www.envirocheck.co.uk



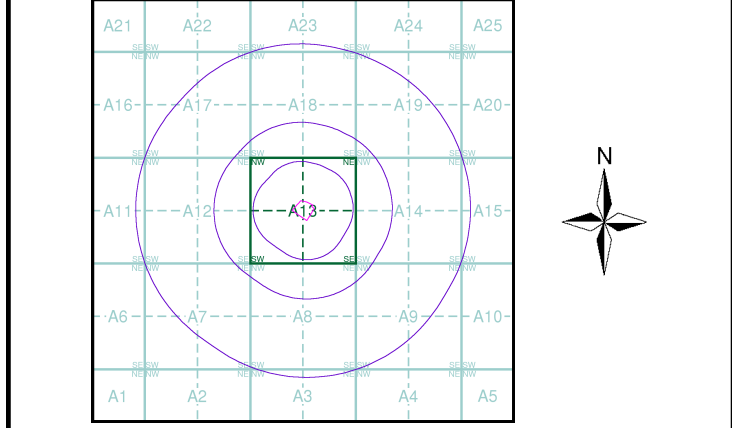
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- General**
 - Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
 - BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
 - COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
 - BGS Recorded Mineral Site

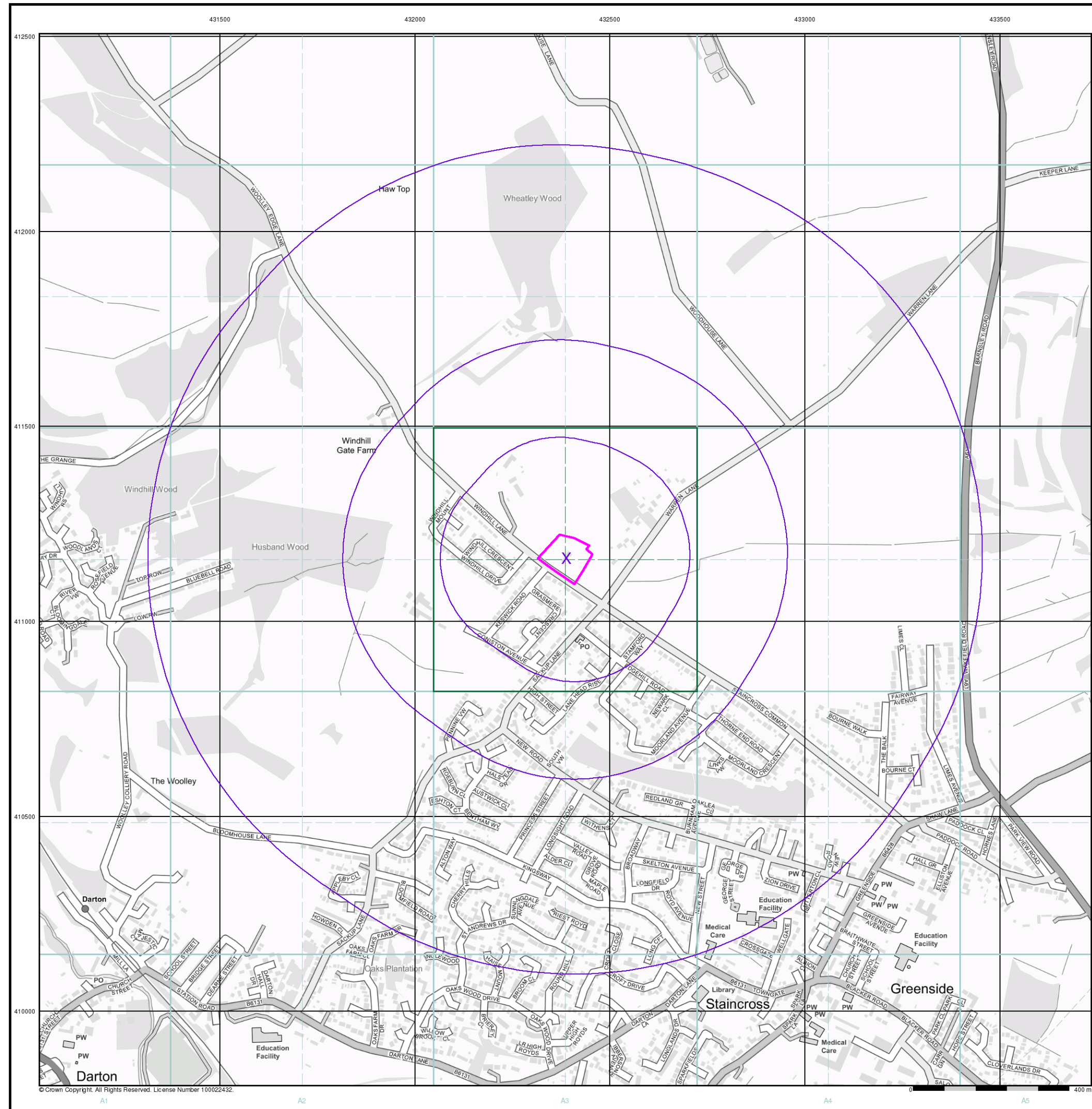
Site Sensitivity Map - Slice A



Order Details
Order Number: 339685172_2_1
Customer Ref: 1226
National Grid Reference: 432390, 411160
Slice: A
Site Area (Ha): 1.01
Search Buffer (m): 1000

Site Details
1, Windhill Lane, Staincross, BARNSELY, S75 5BH

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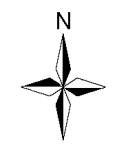
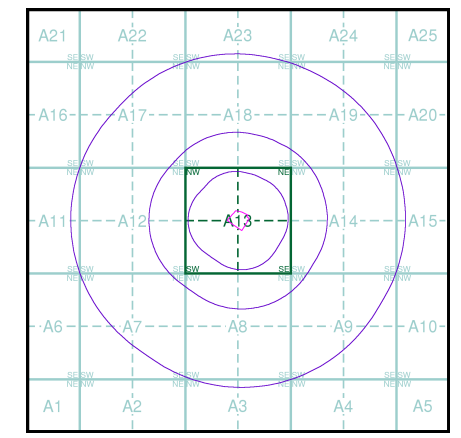
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A

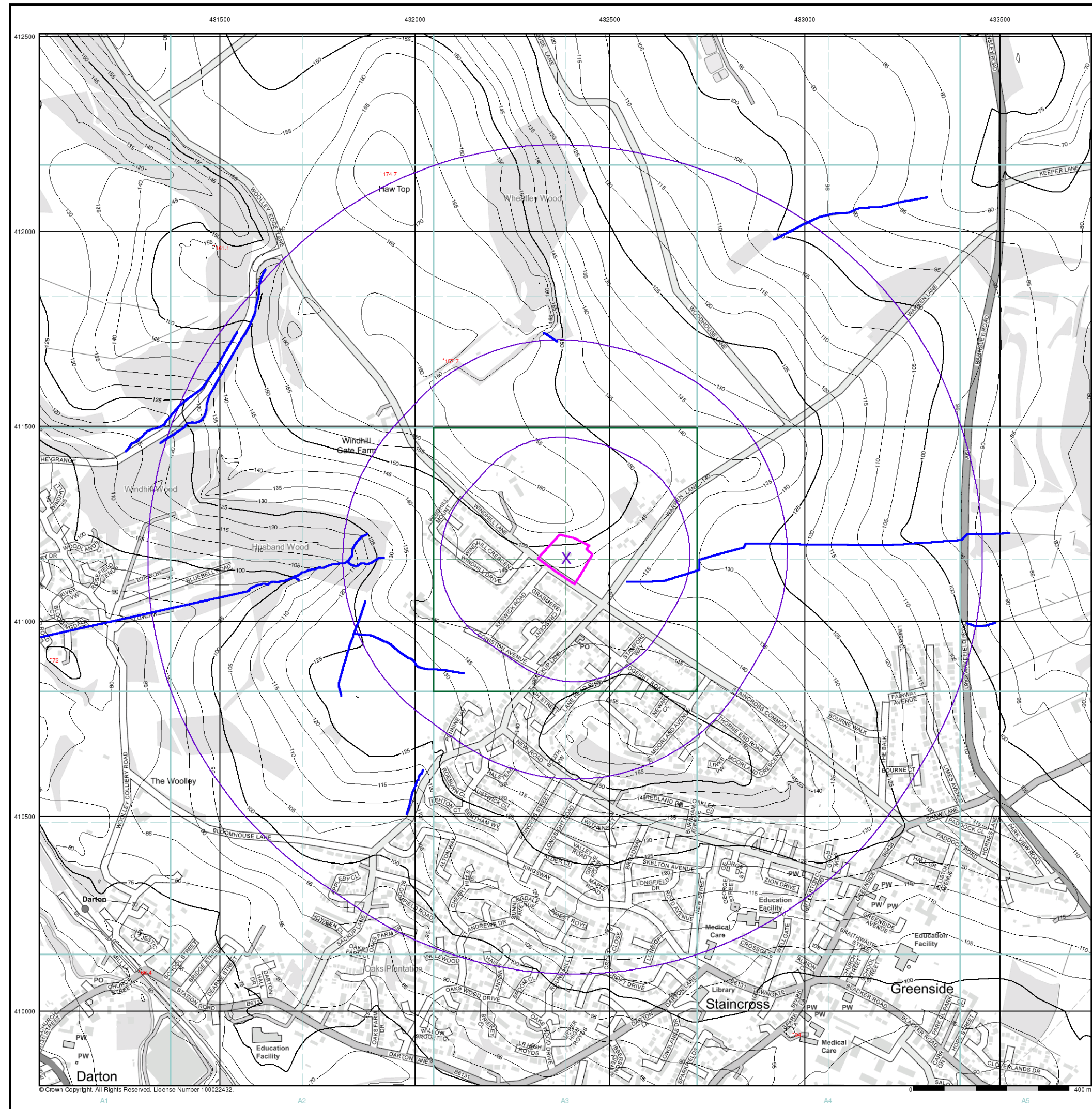


Order Details

Order Number: 339685172_2_1
Customer Ref: 1226
National Grid Reference: 432390, 411160
Slice: A
Site Area (Ha): 1.01
Search Buffer (m): 1000

Site Details

1, Windhill Lane, Staincross, BARNSELY, S75 5BH



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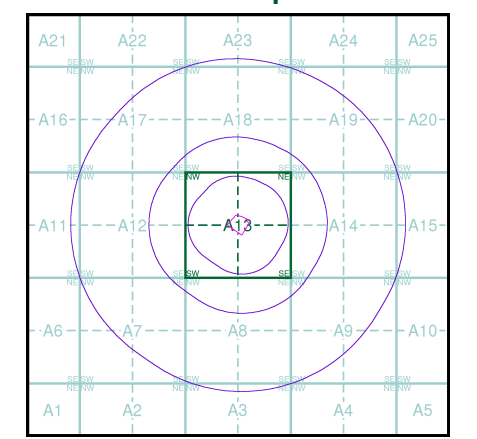
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

- Contours (height in meters)**
- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 339685172_2_1

Customer Ref: 1226

National Grid Reference: 432390, 411160

Slice: A

Site Area (Ha): 1.01

Search Buffer (m): 1000

Site Details

1, Windhill Lane, Staincross, BARNSELY, S75 5BH

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Web: www.envirocheck.co.uk



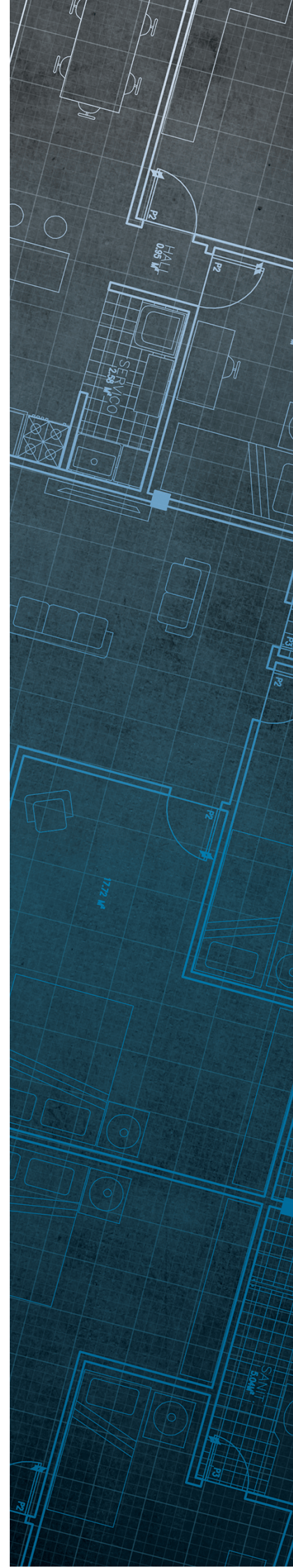
The Coal
Authority

Consultants Coal Mining Report

1, Windhill Lane
STAINCROSS
Barnsley
South Yorkshire
S75 5BH

Date of enquiry:	19 March 2024
Date enquiry received:	19 March 2024
Issue date:	19 March 2024

Our reference:	51003412428001
Your reference:	339685172_1



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

NLIS Hub

Enquiry address

1, Windhill Lane
STAINCROSS
Barnsley
South Yorkshire
S75 5BH

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

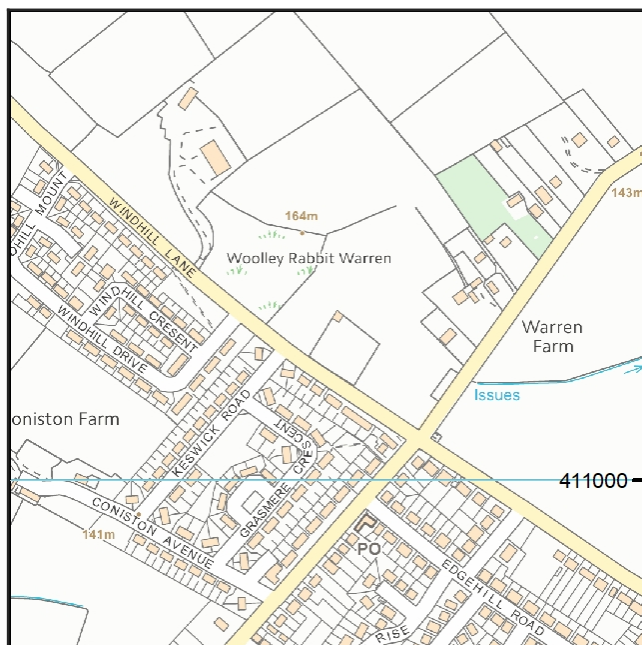
www.groundstability.com

 @coalauthority

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 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	WINTER	Coal	6IEP	12	Beneath Property	3.4	North-East	104	1868
unnamed	STANLEY MAIN	Coal	6YJ5	49	Beneath Property	2.1	East	198	1887
unnamed	BARNSELEY	Coal	6Y42	123	South	5.0	North	294	1886
unnamed	BARNSELEY	Coal	6IF3	151	Beneath Property	3.4	North-East	314	1869
unnamed	TOP HAIGH MOOR	Coal	6IFC	198	Beneath Property	4.9	North-East	97	1960
unnamed	TOP HAIGH MOOR	Coal	6Y62	200	South	4.8	North	104	1960
unnamed	LOW HAIGH MOOR	Coal	6YB2	206	South	4.1	North-East	69	1953
unnamed	TOP HAIGH MOOR	Coal	6IFD	208	Beneath Property	3.3	North-East	97	1970
unnamed	LOW HAIGH MOOR	Coal	6IF9	216	Beneath Property	3.1	North-East	97	1955
unnamed	LIDGETT	Coal	6Y33	235	South	4.2	North	76	1945
unnamed	LIDGETT	Coal	6IFH	241	Beneath Property	3.3	North-East	80	1951
unnamed	LIDGETT	Coal	6IFI	248	North-West	3.6	North-East	80	1952
unnamed	FENTON	Coal	6Y53	332	South-West	5.0	North-East	206	1961
unnamed	FENTON	Coal	6Y93	347	South-East	5.0	North-East	195	1963
unnamed	LOW FENTON	Coal	6IFJ	354	Beneath Property	4.3	North-East	180	1962
unnamed	MIDDLETON MAIN	Coal	6Y3B	387	South	5.1	North-East	128	1978
unnamed	MIDDLETON MAIN	Coal	6IFL	396	Beneath Property	4.3	North-East	107	1975
unnamed	WHEATLEY LIME	Coal	6Y24	407	South	5.8	North	79	1942
unnamed	WHEATLEY LIME	Coal	6YTN	417	West	4.9	North-East	86	1939
unnamed	WHEATLEY LIME	Coal	6IFM	418	Beneath Property	3.7	North-East	86	1941
WOOLLEY	WHINMOOR	Coal	Z01	498	South-East	5.9	North-East	140	1986
WOOLLEY/REDBROOK	WHINMOOR	Coal	Z02	501	Beneath Property	3.2	East	136	1987

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
WOOLLEY/REDBR OOK	WHINMOO R	Coal	ZO1	502	South-East	3.2	East	136	1986

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	432411-003	432390 411165		Coal	

Abandoned mine plan catalogue numbers

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

NE1033	7649	NE868
GCR254	NE816	GCR248
M33	NE158	PO0

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
MELTONFIELD	Coal	Yes	Within	N/A	252
MELTONFIELD	Coal	Yes	Within	N/A	302
TWO FOOT	Coal	Yes	28.9	South	264

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 in an area where a notice to withdraw support was given in 1982.

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

Payments to owners of former copyhold land

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

Section 4 – Further information

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

Future development

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

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

Development advice

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

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

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

Probable unrecorded shallow workings

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

Spine roadways at shallow depth

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

Mine entries

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

Abandoned mine plan catalogue numbers

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

Outcrops

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

Geological faults, fissures and breaklines

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

Opencast mines

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

Coal Authority managed tips

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

Site investigations

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

Remediated sites

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

Coal mining subsidence

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

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

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

Mine gas

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

Mine water treatment schemes

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

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

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

Future underground mining

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

Coal mining licensing

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

Court orders

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

Section 46 notices

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

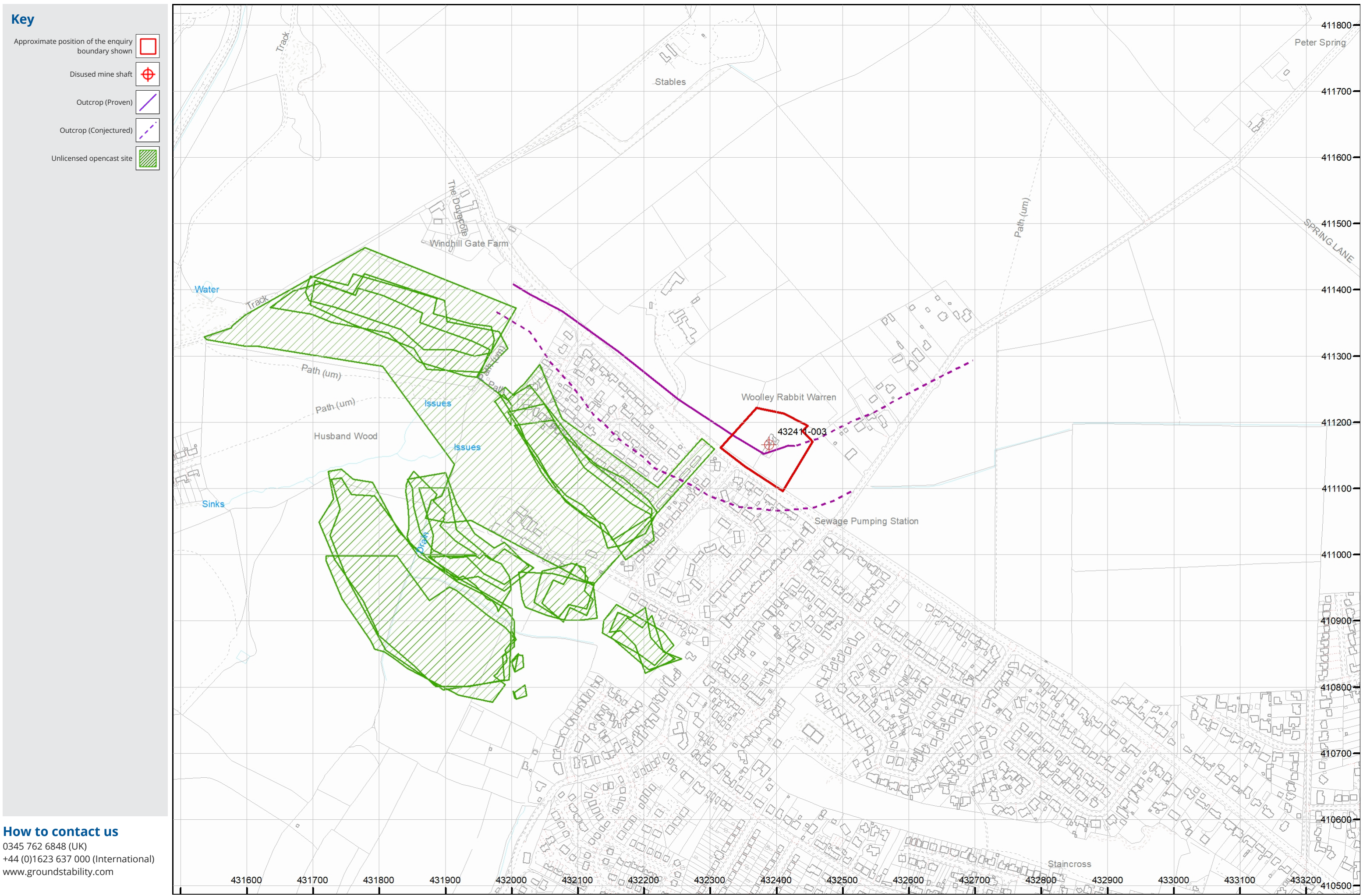
Withdrawal of support notices

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

Payment to owners of former copyhold land

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

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



Matthew Thompson

From: MIM Work-Tray <MIMWork-Tray@coal.gov.uk>
Sent: 05 April 2024 11:32
To: Matthew Thompson; MIM Work-Tray
Cc: Matthew Simmons
Subject: RE: [External] RE: AMC Quote - 71009797760001 - 1, WINDHILL LANE, STAINCROSS, BARNLEY, SOUTH YORKSHIRE, S75 5BH

You don't often get email from mimwork-tray@coal.gov.uk. [Learn why this is important](#)

Morning Matt,

Not a problem, glad it was of use.

The estimated depth to working does indeed take topography into account. Elevation information, as recorded by Ordinance Survey mapping, is included within the estimate calculations. Therefore, the estimation does not assume that the world is flat.

Kind regards,
Tony.

 **The Coal Authority**
Tony Borrell BEng (Hons) FGS
Mining Consultant and Information Manager

Tel : (01623) 637 197

E: tonyborrell@coal.gov.uk

W: <https://gov.uk/the-coal-authority>

From: Matthew Thompson <Matthew.Thompson@apexconsulting.co.uk>
Sent: 05 April 2024 10:55
To: MIM Work-Tray <MIMWork-Tray@coal.gov.uk>
Cc: Matthew Simmons <matthew.simmons@apexconsulting.co.uk>
Subject: RE: [External] RE: AMC Quote - 71009797760001 - 1, WINDHILL LANE, STAINCROSS, BARNLEY, SOUTH YORKSHIRE, S75 5BH

Tony,

That's really helpful, thanks. Does the estimation of seam depth account for differences in topography between the outcrop/opencast and the site's centre? Or does it assume the ground in between is essentially "flat"?

Really appreciate the quick response.

Regards,

Matt



Matthew Thompson CGeol, BSc (hons), ILM (Level 7), FGS

Geotechnical Associate | Apex Consulting Engineers Limited

Suite 1, 3rd Floor Wira House, Ring Road, West Park, Leeds, LS16 6EB

t: 0114 241 9360 | m: 07539 381752 | e: Matthew.Thompson@apexconsulting.co.uk | w: apexconsulting.co.uk



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From: MIM Work-Tray <MIMWork-Tray@coal.gov.uk>

Sent: Friday, April 5, 2024 10:47 AM

To: Matthew Thompson <Matthew.Thompson@apexconsulting.co.uk>

Cc: Matthew Simmons <matthew.simmons@apexconsulting.co.uk>

Subject: RE: [External] RE: AMC Quote - 71009797760001 - 1, WINDHILL LANE, STAINCROSS, BARNSELEY, SOUTH YORKSHIRE, S75 5BH

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Good morning Matt,

We do not hold any depth information for seam depth of the Winter beneath this particular site boundary. As a result, the seam depth has been extrapolated from a British Coal Rationalised plan for opencast workings to the south-west of the site. In this instance, the closest recorded level of working is approximately 210m to the south-west of your site boundary and the recorded dip (3.2°) and dip direction (074°) of the workings has been used to estimate the depth of workings beneath the centre of your provided site boundary.

As always, the information on seam depth at any given site should be taken as indicative/ a best estimate and can typically only be confirmed via intrusive investigation.

I hope that the above answers your questions sufficiently; however, should you have any further queries please do not hesitate to contact me.

Kind regards,
Tony.



The Coal Authority

Tony Borrell BEng (Hons) FGS

Mining Consultant and Information Manager

Tel : (01623) 637 197

E: tonyborrell@coal.gov.uk

W: <https://gov.uk/the-coal-authority>

From: Matthew Thompson <Matthew.Thompson@apexconsulting.co.uk>

Sent: 03 April 2024 16:10

To: Information Managers <InformationManagers@coal.gov.uk>

Cc: Matthew Simmons <matthew.simmons@apexconsulting.co.uk>

Subject: [External] RE: AMC Quote - 71009797760001 - 1, WINDHILL LANE, STAINCROSS, BARNSELEY, SOUTH YORKSHIRE, S75 5BH

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Good afternoon,

I'm enquiring about some information we've received from the Coal Authority for the above site.

We have Consultant's Mining Report and an abandonment plan.

The CA report (attached) states that there are workings within the Winter Seam at **12m** depth beneath the site, with an extraction thickness of 104cm.

The Abandonment Plan (screenshot below with our site boundary shown) shows that Shaft No. 1 recorded 2ft, 6.5inches of coal, a 3inch dirt parting and 7inches of coal. This shaft is located on our site and the total thickness of the coal & dirt is consistent with the thickness extracted stated for the Winter Seam on the CA Report.

A depth of the workings is not given on the abandonment plan, as is often the case. Looking at the BGS map, the Meltonfield coal seam outcrops on site, with the Two-Foot coal outcropping to the south. The Abdy Seam (aka. the Winter Seam) outcrops further south, and whilst it is anticipated to underlie our site, it is not anticipated at 12m depth.

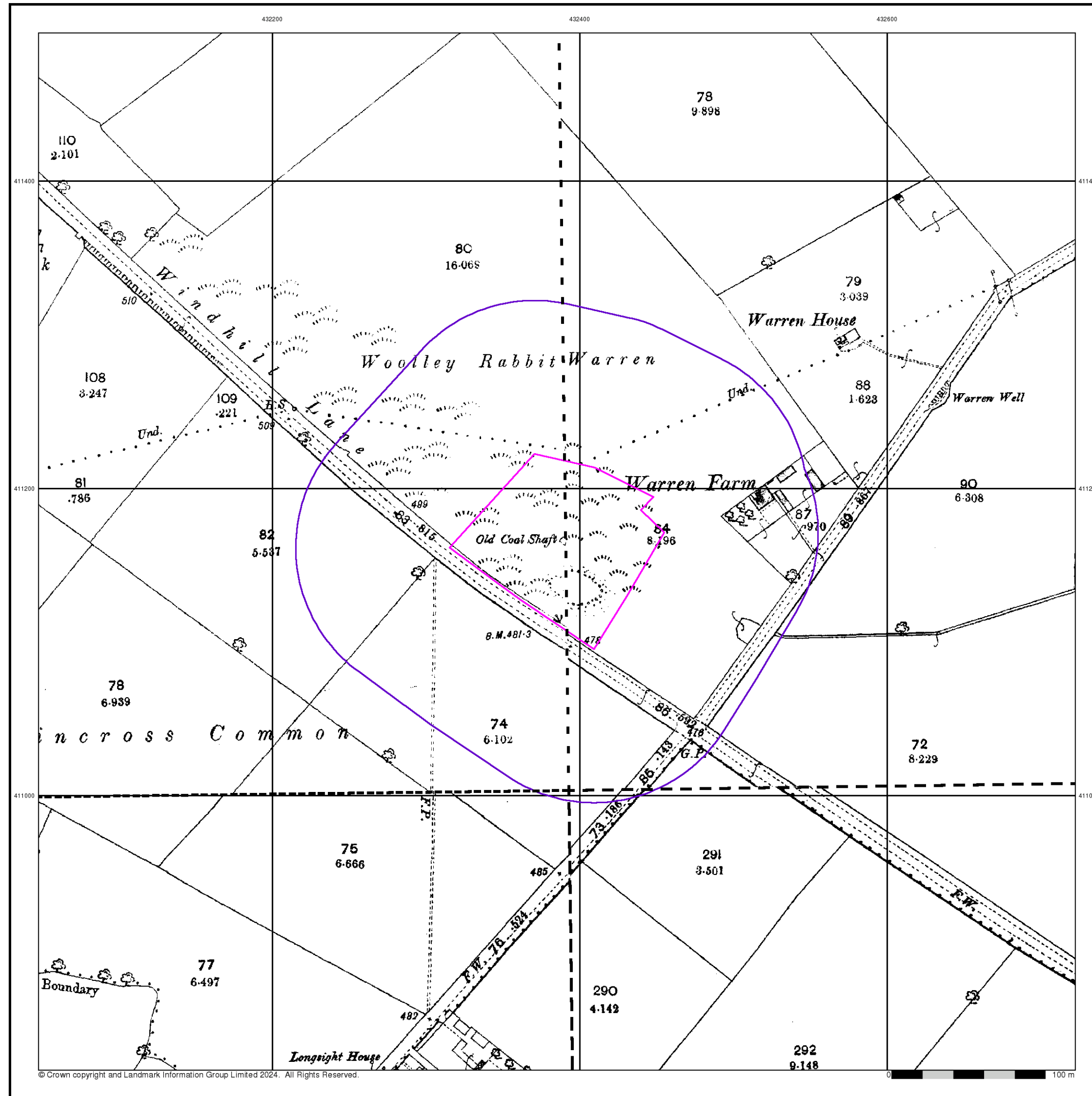
Indeed, we recently drilled the site and found no evidence of the Abdy/Winter seam within 40m, but we did find the Two Foot seam at a consistent thickness and dip across the site.

Please can you confirm why the CA report states 12m as the worked depth? Where has this information come from?

Thanks & regards,

Matt

Appendix D – Historical Plans



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Envirocheck®

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Yorkshire

Published 1891 - 1893

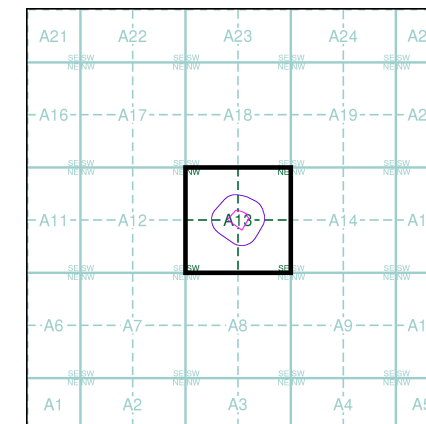
Source map scale - 1:2,500

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)

262_10 1893 1:2,500	262_11 1891 1:2,500
262_14 1893 1:2,500	262_15 1893 1:2,500

Historical Map - Segment A13



Order Details

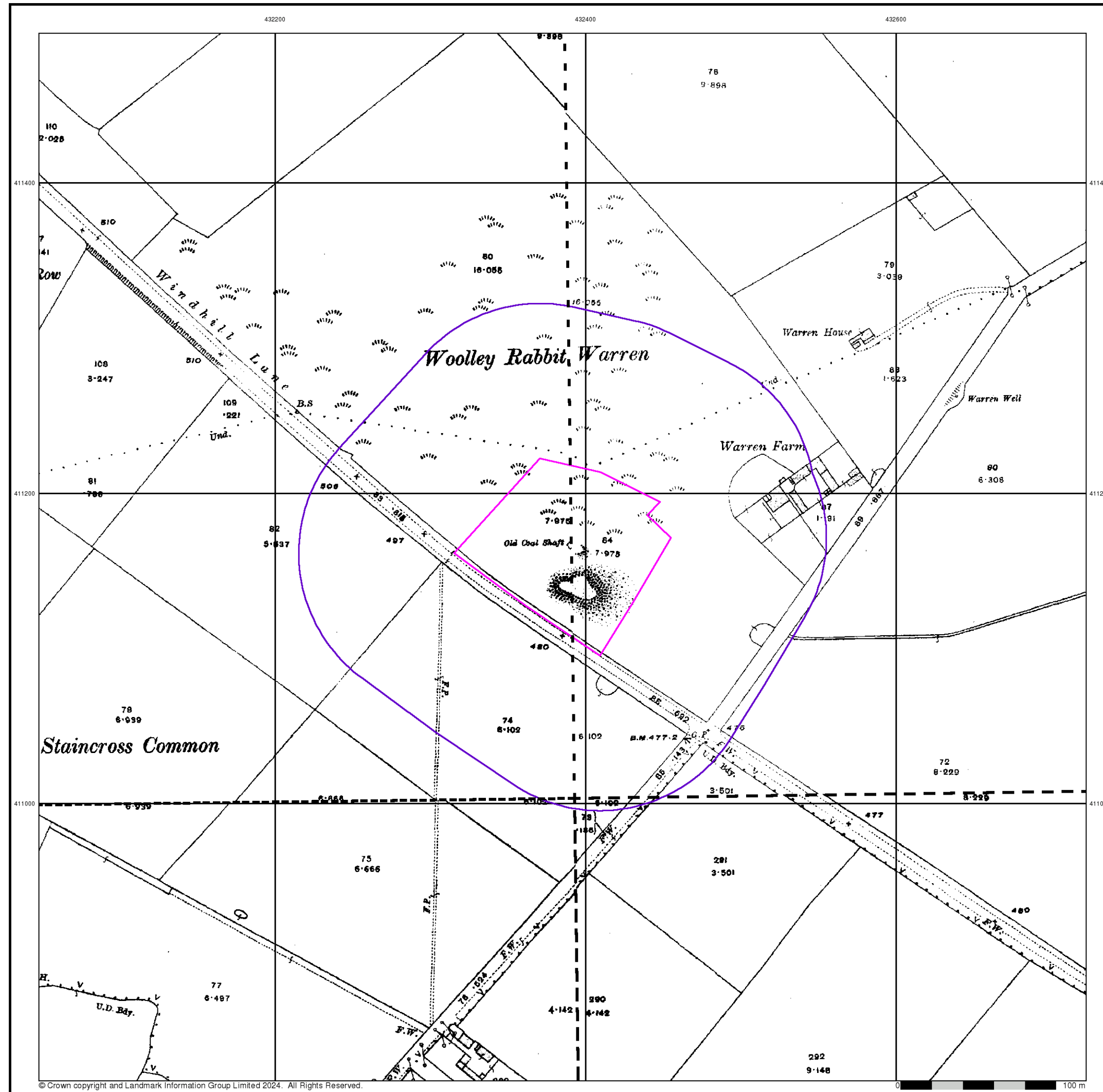
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Customer Ref: 1226
National Grid Reference: 432390, 411160
Slice: A
Site Area (Ha): 1.01
Search Buffer (m): 100

Site Details

1, Windhill Lane, Staincross, BARNSELY, S75 5BH

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Yorkshire

Published 1918

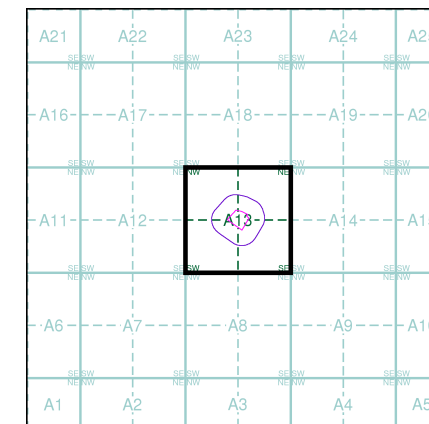
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered 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)

262_10 1918 1:2,500	262_11 1918 1:2,500
262_14 1918 1:2,500	262_15 1918 1:2,500

Historical Map - Segment A13



Order Details

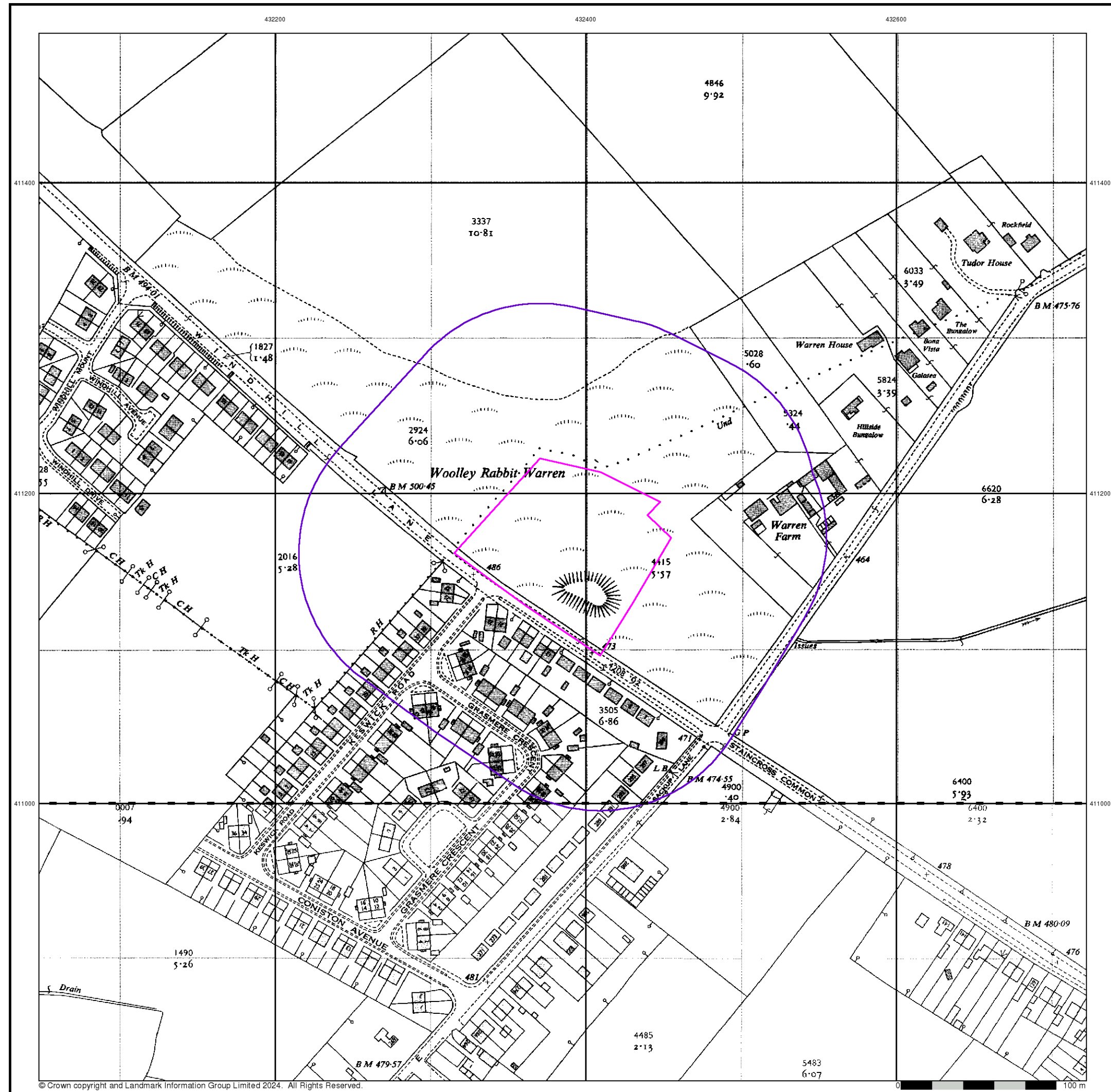
Order Number: 339685172_2_1
Customer Ref: 1226
National Grid Reference: 432390, 411160
Slice: A
Site Area (Ha): 1.01
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1961 - 1962

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)

SE3211
1961
1:2,500

SE3210
1962
1:2,500

Historical Map - Segment A13

A21A22A23A24A25

A16A17A18A19A20

A11A12A13A14A15

A6A7A8A9A10

A1A2A3A4A5

Order Details

Order Number:	339685172_2_1
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National Grid Reference:	432390, 411160
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Site Area (Ha):	1.01
Search Buffer (m):	100

Site Details

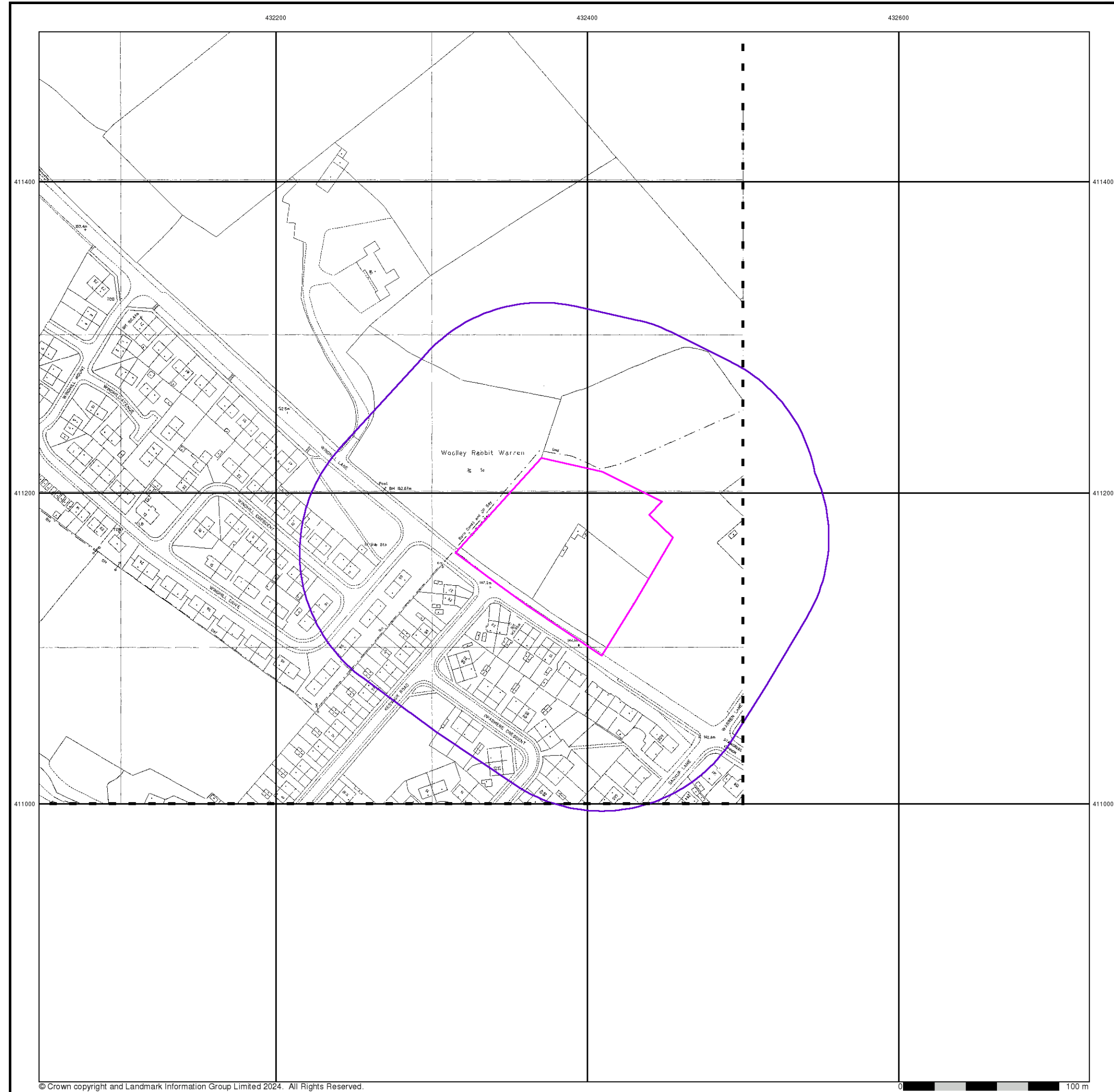
1, Windhill Lane, Staincross, BARNSELY, S75 5BH

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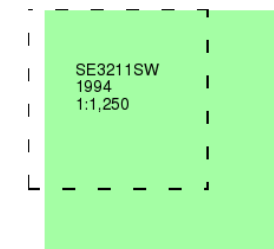
Large-Scale National Grid Data

Published 1994

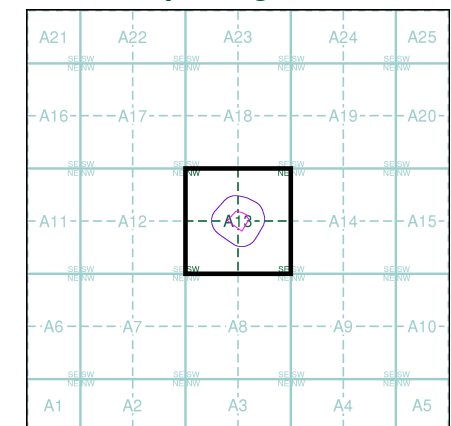
Source map scale - 1:1,250

'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

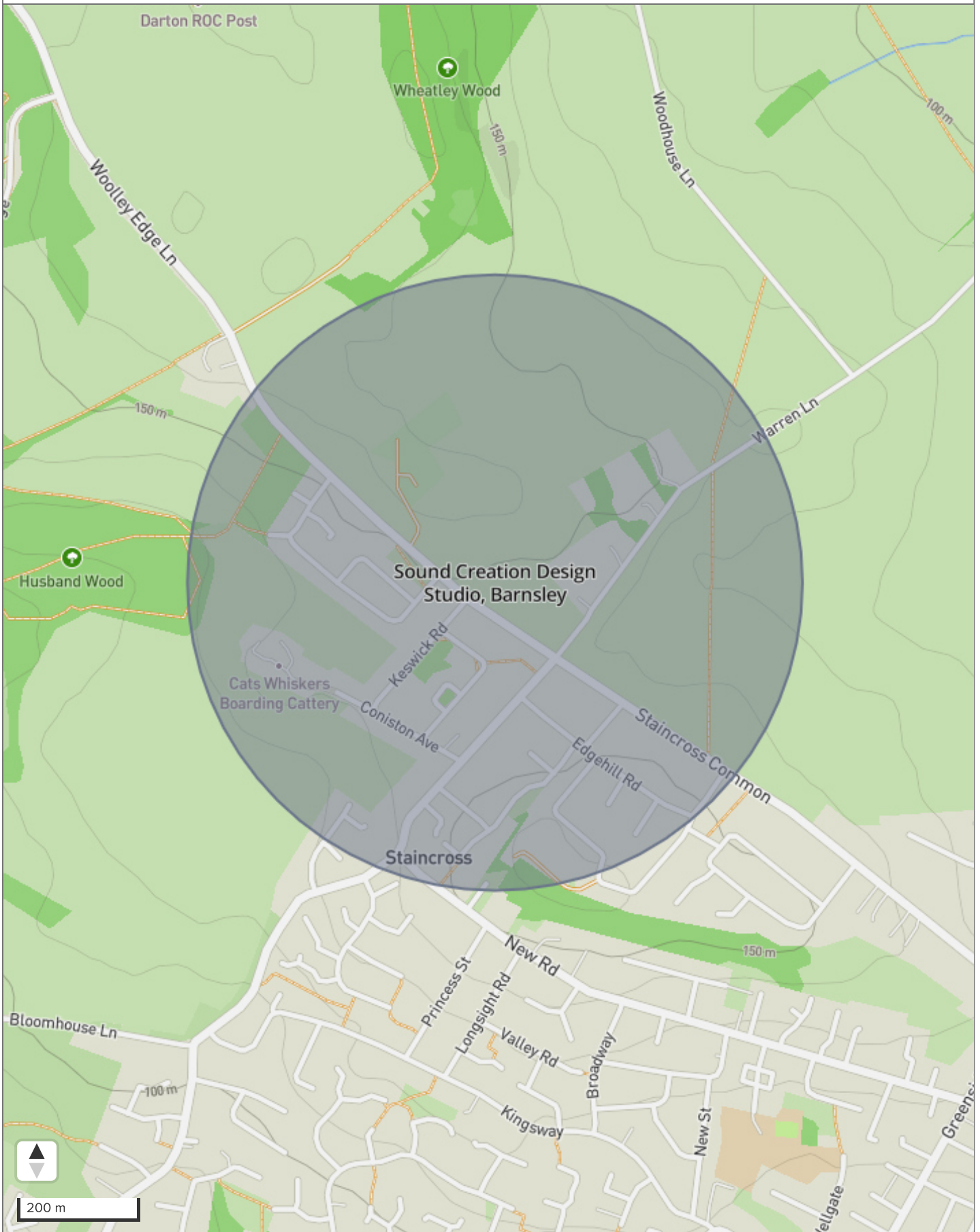
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National Grid Reference: 432390, 411160
Slice: A
Site Area (Ha): 1.01
Search Buffer (m): 100

Site Details

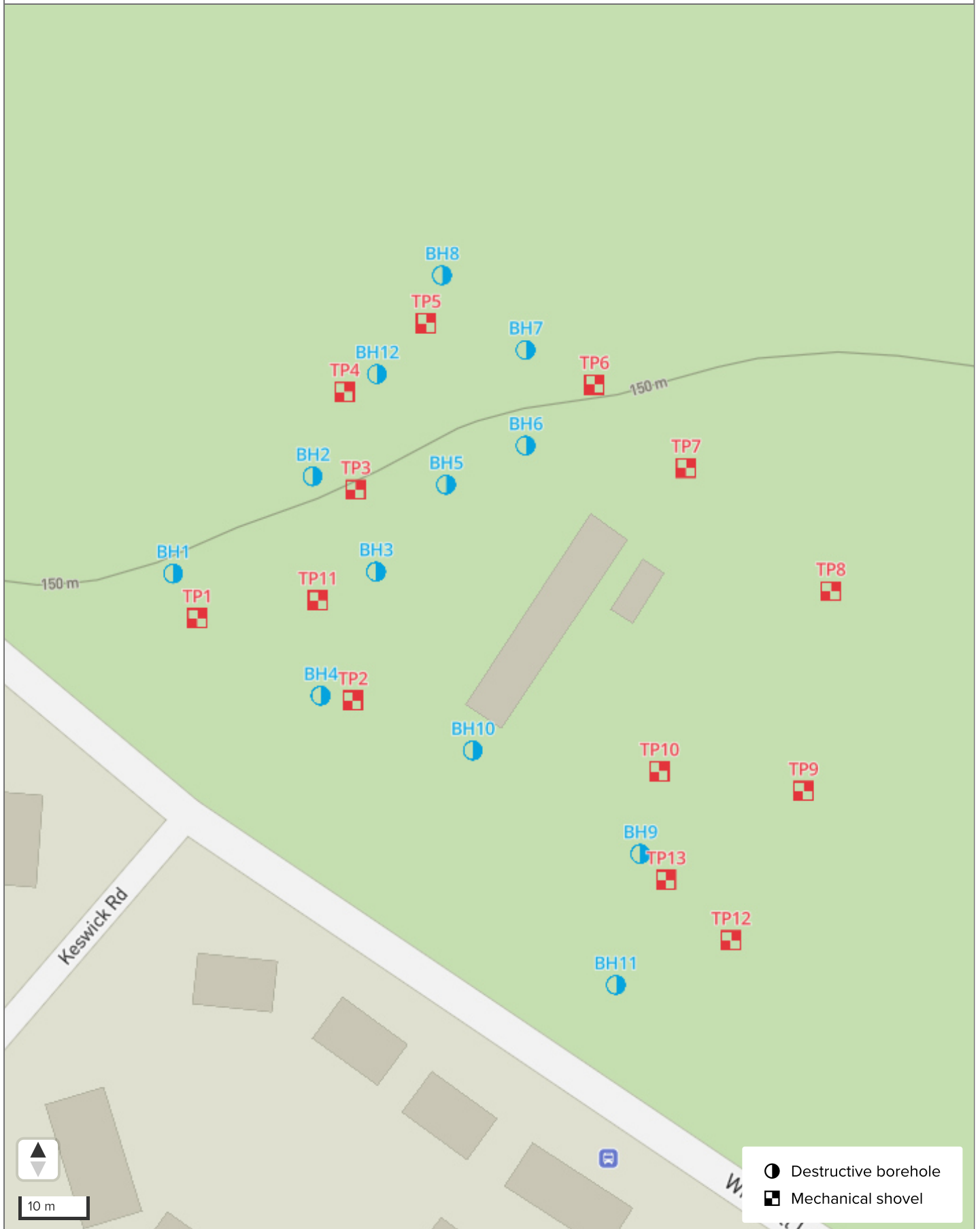
1, Windhill Lane, Staincross, BARNSELEY, S75 5BH

Appendix E – Ground Investigation Data

LOCATION MAP



LAYOUT MAP



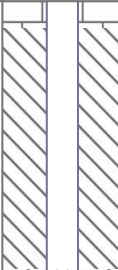
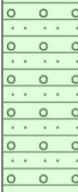
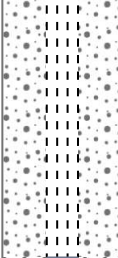
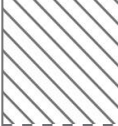


Borehole Log

LAYOUT MAP

Surveys accuracy (X / Y)	Carried out by surveyor
Not specified	No
Coordinate Reference System of the project	Leveling
OSGB 1936 / British National Grid	Not specified

Name	WGS 84		OSGB 1936 / British National Grid		Elevation [m]
	Longitude	Latitude	X	Y	
BH1	-1.512924986	53.596128203	432,334	411,172	148.05
BH2	-1.512626059	53.59625179	432,354	411,186	148.84
BH3	-1.512490139	53.596130478	432,363	411,172	147.78
BH4	-1.512608884	53.595972902	432,355	411,155	147.18
BH5	-1.512340203	53.59624118	432,373	411,185	148.56
BH6	-1.512169317	53.596290791	432,384	411,190	149.06
BH7	-1.512169355	53.596412224	432,384	411,204	150.31
BH8	-1.512348851	53.596507216	432,372	411,214	151.65
BH9	-1.511923752	53.595771801	432,401	411,133	145.4
BH10	-1.512282688	53.595903235	432,377	411,147	146.42
BH11	-1.51197591	53.595605153	432,397	411,114	142.97
BH12	-1.512488413	53.596381633	432,363	411,200	150.21
TP1	-1.512873421	53.596071412	432,338	411,166	147.82
TP2	-1.512540025	53.595966815	432,360	411,154	147.06
TP3	-1.512533768	53.596234849	432,360	411,184	148.47
TP5	-1.51238314	53.596446406	432,370	411,208	150.92
TP4	-1.51255783	53.596359022	432,358	411,198	150.09
TP6	-1.512022362	53.596368211	432,394	411,199	149.63
TP7	-1.511825828	53.596262282	432,407	411,187	148.21
TP8	-1.51151535	53.59610567	432,427	411,170	146.24
TP9	-1.511574031	53.595851791	432,424	411,142	144.73
TP10	-1.511882851	53.595876735	432,403	411,144	145.88
TP11	-1.512615046	53.596094045	432,355	411,168	147.69
TP12	-1.511729156	53.595661897	432,414	411,121	144.31
TP13	-1.511868185	53.595738669	432,404	411,129	Not specified

			Borehole Log			BH1				
PROJECT NO		1226	CO-ORDS		432,334.10E / 411,171.89N					
PROJECT NAME		SOUND CREATION DESIGN STUDIO, BARNSELEY	LEVEL		148.05					
CLIENT		PIT STOP PRODUCTIONS	DATES		2024-03-26	Logged Matthew Simmons		Checked Matthew Thompson		
Elevation	Depth	Descriptions				Lithology	Code	Water level	Well	
148.05	0	TOPSOIL: Dark brown sandy CLAY. Sand is fine.					TS			BENTONITE CONCRETE
	0.5 m						0.5 m			
147.55	1	Firm brown sandy gravelly CLAY.					COB			BENTONITE
	2.1 m						2.1 m			
145.95	2	Moderately weak light grey MUDSTONE.					UM			GRAVEL
	3.7 m						3.7 m			
144.35	4	Moderately weak dark grey carbonaceous MUDSTONE.					DM			BENTONITE
	5.1 m						5.1 m			
142.95	5	Weak black COAL.					2FC			ARISINGS
142.65	5.4 m						5.4 m			
	6						CM			
	7									
	8	Moderately weak light grey MUDSTONE interbedded with medium strong orangish brown SANDSTONE.								
	9									
138.05	10									
Comments		TS - Topsoil COB - Cohesive Overburden UM - Upper Mudstone DM - Carbonaceous Mudstone 2FC - 2-Foot Coal CM - Coal Measures								
Edited by APEX consulting					Sound Creation Design Studio, Barnsley					
Matthew Simmons		matthew.simmons@apexconsulting.co.uk			soilcloud.tech					

			Borehole Log			BH1				
PROJECT NO		1226		CO-ORDS		432,334.10E / 411,171.89N				
PROJECT NAME		SOUND CREATION DESIGN STUDIO, BARNSELY		LEVEL		148.05				
CLIENT		PIT STOP PRODUCTIONS		DATES		2024-03-26		Logged Matthew Simmons	Checked Matthew Thompson	
Elevation	Depth	Descriptions					Lithology	Code	Water level	Well
138.05	10	Moderately weak light grey MUDSTONE interbedded with medium strong orangish brown SANDSTONE.						CM		ARISINGS
	11									
	12									
	13									
	14									
	15									
	16									
	17									
	18									
	19									
128.05	20									
Comments		TS - Topsoil COB - Cohesive Overburden UM - Upper Mudstone DM - Carbonaceous Mudstone 2FC - 2-Foot Coal CM - Coal Measures								
Edited by APEX consulting				Sound Creation Design Studio, Barnsley						
Matthew Simmons		matthew.simmons@apexconsulting.co.uk		soilcloud.tech						

			Borehole Log		BH1					
PROJECT NO PROJECT NAME		1226 SOUND CREATION DESIGN STUDIO, BARNLEY	CO-ORDS 432,334.10E / 411,171.89N							
			LEVEL 148.05							
CLIENT		PIT STOP PRODUCTIONS	DATES 2024-03-26		Logged Matthew Simmons		Checked Matthew Thompson			
Elevation	Depth	Descriptions				Lithology	Code	Water level	Well	
128.05	20	Moderately weak light grey MUDSTONE interbedded with medium strong orangish brown SANDSTONE.					CM			ARISINGS
	21 m						21 m			
127.05	21									
Comments		TS - Topsoil COB - Cohesive Overburden UM - Upper Mudstone DM - Carbonaceous Mudstone 2FC - 2-Foot Coal CM - Coal Measures								
Edited by APEX consulting					Sound Creation Design Studio, Barnley					
Matthew Simmons matthew.simmons@apexconsulting.co.uk					soilcloud.tech					