

Claycliffe Road, Barugh Green, Barnsley

Phase I Geo-Environmental Assessment

For

Aldi Stores Ltd

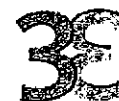
Report ref	Issue	Prepared by	Signed	Date	Reviewed by	Signed	Date
7515	1	K Mowbray		27 02 07	A Colabella		27 02 07

Client

Aldi Stores Ltd
Faverdale North
Faverdale Industrial Estate
Darlington
Co. Durham
DL3 0UW

3e Consulting Engineers Ltd
4 Calder Close
Calder Park
Wakefield
WF4 3BA
Tel : 01924 240420
Fax : 01924 240421

Claycliffe Road, Barugh Green, Barnsley



Report On A Phase I Geo-Environmental Assessment

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Executive Summary

This phase I geo-environmental assessment of a site at Claycliffe Road, Barugh Green, Barnsley has been carried out for Aldi Stores Ltd for a proposed retail and office development and has involved an inspection of historical maps, a review of environmental data held on publicly available registers and other sources as indicated within the report.

In summary, the site was a greenfield site prior to 1962 when a building was present in the southern area of the site and prior to 1983 in the northern area, when buildings were present in the southern half of this area; the site is currently vacant open ground. Claycliffe Road forms the eastern boundary of the site and from the late 1920s the area to the east of Claycliffe Road was occupied by a coke and by-product works, a chemical works and tip and re-developed with an industrial estate in the 1960s/70s. The area immediately southeast of the site was open ground until the late 1960s/early 1970s when the site was developed with a garage and has recently been re-developed with a public house.

There are four former landfills within 250 metres of the site; therefore, there is the potential that these landfills have been infilled with materials with the potential for landfill gas generation. The need for gas monitoring and protective measures within the development will require assessment during an intrusive investigation, however, as a minimum basic radon protection measures are required.

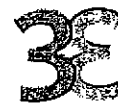
The nearest surface watercourse is a drain located adjacent to the western boundary of the site. The underlying soils in the area are classed as a minor aquifer. There are no licensed water abstractions within a 500 metres radius of the site.

The potential environmental risk has been assessed as low to medium with the greatest impact upon development presented by potential migration of contamination from the former above and below ground fuel tanks on the adjacent former garage and made ground materials imported into the site. Groundwaters and watercourses are unlikely to be impacted by any contamination that may be present due to the relatively impermeable strata that are anticipated to be present near the surface.

Possible Japanese Knotweed encroaches along the western boundary of the site and will require appropriate treatment. It is recommended that the advice of a specialist ecological management consultant be sought.

The site is considered stable in respect of mining.

It is anticipated that the traditional pad and strip foundations will be possible at the site.



Introduction

This phase I geo-environmental assessment of a former garden centre site at Claycliffe Road, Barugh Green, Barnsley has been carried out for Aldi Stores Ltd for a proposed retail and office development. This report highlights ground related environmental and geotechnical considerations in relation to the proposed development.

The purpose of the study was to assess the site's geo-environmental setting by considering:

- Former, current and proposed land uses on and surrounding the site;
- The sensitivity of the site's location as influenced by factors including geology, hydrogeology, surface watercourses and neighbouring land uses; and
- Relevant records held by environmental regulators.

To this end the study has included an inspection of historical maps, a review of environmental data held on publicly available registers and other sources as indicated within the report.

In addition, this study has involved a review of information provided by Aldi Stores Ltd for a site adjacent to the southern boundary and comprising:

- Environmental Site Assessment for a site at junction of Claycliffe Road and Baugh Green Road, Quest, Ref: 67/826, June 1999



1 Land Use

1.1 Location and Description

The site, centred on National Grid Reference 431900 408010, is located approximately 2.5 kilometres north west of Barnsley town city centre within the district of Barugh Green. The site lies 400 metres north west of the junction between Claycliffe Road and Barugh Green Road. It is bound by the Chestnut Tree pub to the southeast, Braugh Green road to the south, a drain with a works beyond to the west, open ground to the north and Claycliffe Road with car dealerships and a garage beyond to the east.

The site, occupying an area of approximately 1.2 hectares, is irregular in shape and currently vacant. The site can be divided into two areas, the northern and southern area. In the northern area, there are two fire damaged containers in the south western corner and a rectangular concrete slab, probably floor slab, in the south eastern corner. In general in the southern half of this area, site levels are undulating, covered with rough grass, occasional building materials, plant pots, plastic bags and occasional asbestos cement corrugated sheeting. In the northern half, site levels fall gently to the west with this area surfaced rough grass and semi mature trees. Along the western edge of this area, there is an approximate 5 metre fall to a drain/stream and, along the edge of this embankment, extending across the majority of the western edge of this area are brambles and probable Japanese Knotweed.

In the southern area, site levels are approximately 3 metres lower than the northern area and site level are generally undulating with a general slope down to the west. The site is generally surfaced with rough grass, brambles and semi mature stress with an area of concrete hardstanding, possible former concrete floor slab, located to the west. The drain/stream which borders the western boundary of the northern area is culverted beneath this southern and appears to be culverted in a northwest – southeast direction and also a northeast – southwest direction.

1.2 Site History

In order to establish the site's history an inspection of historical maps, dating between 1855 and 2004 and obtained as part of an Envirocheck report (Ref. 20945143-1-1), has been made. The following represents a summary of the map information with extracts included as **Appendix A**.

On site

Dates	Site Features
1855 – 1962	Open fields
1962 – 1983	Northern area: open fields Southern area: building located in centre of southern area
1983 – present	Northern area: buildings present in southern half of northern area of site with northern half open ground. Buildings no longer present and area vacant. Southern area: On the 1991 and 1993 maps, drain/stream indicated to cross the site in a northwest – southeast direction. Buildings no longer present and area vacant

Off site

Dates	Surrounding Features	Distance	Direction
1855 – present	Claycliffe Road	Adjacent	East
1855 – 1970 1970 – 2004 2004 – present	Open ground Garage Public house	Adjacent	Southeast
1855 – present	Barugh Green Road	Adjacent	South
1855 – 1962 1962 – 1970 1970 – present	Open ground Drain To the west of the drain, an engineering Works, later titled Works	Adjacent	West
1855 – present	Open ground	Adjacent	North
1855 – 1891 1891 – 1938 1938 – 1973 1973 – present	Clay Cliffe Quarry (sandstone) Quarry titled disused Redeveloped and located within Barugh Coke & By-product Works Depot	250m	North
1855 – 1931 1931 – 1956 1956 – 1971 1971 – present	Open ground Barugh Coke and By-product Works A number of tips associated with the Coke Works the closest 50 metres north east Coke Works and tips redeveloped with a number of industrial buildings including a depot and works and by 1993 known as South Yorkshire Industrial Estate	50m	Northeast, east
1855 – 1931 1931 – 1962 1962 – present	Open ground Chemical works Open ground, later located within South Yorkshire Industrial Estate	120m	Northeast

In summary, the site was a greenfield site prior to 1962 when a building was present in the southern area of the site and prior to 1983 in the northern area, when buildings were present in the southern half of this area; the overall site is currently vacant open ground. Claycliffe Road forms the eastern boundary of the site and from the late 1920s the area to the east of Claycliffe Road was occupied by a coke and by-product works, a chemical works and tip and re-developed with an industrial estate in the 1960s/70s. The area immediately southeast of the site was open ground until the late 1960s/early 1970s when the site was developed with a garage and has recently been re-developed with a public house.



2 Environmental Setting

This section is based principally upon a search of information available on public registers through the Envirocheck search (Ref. 20945143-1-1), included as **Appendix B**, together with other sources as indicated.

2.1 Geology and Mining

British Geological Survey (BGS) information, Sheet 87, 1:50000 scale, indicates the site to be underlain by the Middle Coal Measures an interbedded sequence of mudstone, siltstone, sandstone and coal. The Swallow Wood coal seam outcrops approximately 350 metres north west of the site, and dips beneath the site, however, given the distance from the site this seam is not considered to impact up on the site.

A report was requested from the Coal Authority, reference 00012743-07 and dated 9 February 2007, and is included as **Appendix C**. This identifies the site as being within the likely zone of influence from past workings in 6 seams of coal at 50 to 340 metres depth, the last date of working being 1980. Ground movement from these should have ceased by now.

The Coal Authority also indicates that the site is not within the zone of likely physical influence at the surface from present underground workings or plans for future workings in their possession, however, reserves of coal exist in the locality that could be worked at some time in the future.

2.2 Landfill Sites and Waste Management Facilities

The Envirocheck report indicates there are four local authority recorded landfills within 250 metres of the site with the closest 50 metres south east of the site. There is no information available as to what these landfills have been infilled with.

2.3 Watercourses

The nearest surface watercourse is a drain located adjacent to the western boundary of the site. There is no river quality information pertaining to this drain.

2.4 Groundwater

Reference to the "Environment Agency Policy and Practice for the Protection of Groundwater, Groundwater Vulnerability 1:100,000 Map series, Sheet 11, South Pennines" classifies the underlying soils as a minor aquifer with the site underlain by soils of high leaching potential. This classification is an assumed worst-case vulnerability relating to urban areas and based upon fewer observations.

2.5 Water Abstractions and Discharge Consents

There are no licensed water abstractions within a 500 metres radius.

There are two discharge consents within a 500 metres radius of the site and both are located approximately 250 metres north west of the site and licensed to discharge site drainage into a stream/river.

2.6 Pollution Controls

The Envirocheck report indicates that there are no integrated pollution controls or local authority pollution and prevention controls within 500 metres of the site.

2.7 Pollution Incidents

The Envirocheck report indicates that there are no recorded pollution incidents within 250 metres of the site.

2.8 Radon

The Envirocheck report indicates that the site lies in an area where basic radon protective measures are necessary.

2.9 Fuel Station Entries

The area adjacent to the southern boundary of the site is registered as a former fuel filling station operated by Claycliffe Motors Ltd, its status now recorded as obsolete.



3 Summary of Previous Intrusive Investigation

The available environmental site assessment report carried out by Quest in 1999 pertains to the former garage adjacent to the southeastern boundary of the site and was carried out prior to re-development. Its purpose was to assess hydrocarbon contamination associated with the former underground tanks and it is understood that at the time of this investigation all above and below ground tanks had been removed.

The boreholes sunk on the site proved made ground to depths of 0.4 and 1.5 metres, generally granular in composition varying from a sand to an ash fill and underlain by a silty clay which quickly grades into a weathered mudstone with sandstone bands.

The contamination assessment concluded that there were localised hotspots of hydrocarbon contamination but with no gross site wide areas of hydrocarbon contamination.

4 Environmental Risk Assessment

The potential environmental risk has been assessed using a 'source-pathway-target' pollutant linkage, which requires that for a liability to arise each stage of the pollutant linkage must be present. References to risk classifications are made according to the following definitions:

- **Low risk** – it is unlikely that an issue will arise as a liability/cost for the owner/developer of the site.
- **Medium risk** – it is possible that an issue could arise as a liability/cost for the owner/developer of the site.
- **High risk** – it is likely that an issue will arise as a liability/cost for the owner/developer of the site.

Having evaluated the information gathered during this study and described in the previous sections the following risk assessment has been produced.

ENVIRONMENTAL RISK ASSESSMENT		
	Risk rating	Reason
Contamination potential for:		
Significant on-site contamination	Low to Medium	The only historical land use at the site has been a garden centre and the possibility of significant contamination associated with this is generally considered to be low. Imported made ground may be present within the site, therefore, there potentially may be some contamination associated with this.
Contaminants migrating off site	Low to medium	Any made ground material below the site may give rise to leachable contaminants that could possible migrate laterally or vertically.
Contaminants migrating onto site	Low to medium	Historically a former garage has been located immediately southeast of the site there may have been possible migration of hydrocarbons. In addition a former chemical works and coke and by-products works have been present to the east and there may have been possible migration of contamination associated within this. However, the presence of relatively impermeable weathered mudstones across the site is likely to act as a barrier to migration of potential contaminations.
Other environmental issues giving rise to concern	Medium	Landfill sites are located east and south east of the site and it is unknown as to what they are infilled with, therefore the



		potential for landfill gas migration may be perceived
Environmental consequences:		
Pollution of controlled waters	Low	The risk to the underlying aquifer and surface watercourses is likely to be mitigated by the presence of a cover of relatively impermeable weathered mudstones.
Harm to human health	Low to medium	There is a potential risk to human health from dermal contact, ingestion and inhalation of potential contaminants, metals and hydrocarbons. Ground gas migration from the east and south east could potentially present a risk.
OVERALL RISK		Low to Medium

The area of Japanese Knotweed infestation and the surrounding soils are considered to present a potential risk to both on site and neighbouring receptors. The plant is classified as a notifiable species and its movement within and off the site must be strictly controlled. It is recommended that the advice of a specialist ecological management consultant is sought with respect to its treatment.

In addition, the asbestos cement sheeting observed across the surface of the northern area of the site will require appropriate disposal.

5 Preliminary Site Conceptual Model

The site is proposed for a retail development. Based on the information gathered to date the following is assessed as the preliminary site conceptual model.

Sources of Contamination

- Leakage of fuel from underground fuel tanks from adjacent site
- Contaminants in any made ground that may have been imported into the site
- Migration of contaminants associated with chemical works and coke and by-products works
- Migration of ground gas from nearby former landfills

Pollution Pathways

- Humans – dermal contact, ingestion, dust inhalation and ground gas migration
- Groundwater – leaching and vertical migration
- Watercourses – lateral migration in soils and surface water run off

Receptors

- Construction workers
- Site end users
- Underlying aquifer
- Nearby watercourses



6 Geotechnical Considerations

The following geotechnical considerations are given as preliminary guidelines only based on the available data on the ground conditions. Consequently, the following should not be taken as design criteria without further geotechnical data obtained from a suitably designed ground investigation.

6.1 Mining

No coal seams of significant thickness are indicated to lie beneath the site at shallow depth and movements associated with deeper mining should by now have ceased. Therefore, the site is considered to be stable with respect to mining.

6.2 Foundations and Floor Slabs

From the information obtained to date it is considered that the site is underlain by weathered mudstone bedrock and likely to comprise firm to stiff clays and/or competent bedrock. It is considered likely that the use of traditional pad and strip foundations is possible. This would be assessed after a ground investigation.

It is anticipated, subject to a ground investigation, that a ground bearing floor slab can be utilised.

6.3 Gas Protection Measures

Former landfill sites are located within 250 metres and, dependent upon the nature and depth of materials used as infill, there is a possibility of hazardous gases migrating and affecting the site. It is recommended that this be assessed by the installation of monitoring wells and monitoring during site investigation works.

The site lies in an area where basic radon protection measures are required.

6.4 Sulphate Attack on Buried Concrete

It is anticipated that a BRE Special Digest 1 Design Sulphate Class DS-1 with an ACEC site classification AC-1 for which no additional protective measures will be required for the protection of buried concrete from sulphate attack. This will need confirmation with chemical analyses.

7 Further Investigation

A ground investigation should be designed and carried out, to address the issues discussed above and summarised as follows, and should not be taken as an exhaustive list:

- Assessment of soil contamination by trial pitting to allow the recovery of samples and laboratory testing;
- Possible assessment of the migration of landfill gas by installation and monitoring of gas wells; and
- Determination of the soil profile and geotechnical properties in order to facilitate the civil and structural design of the development by trial pitting and laboratory testing.

APPENDIX A
Historical Maps

Historical Mapping Legends

Ordnance Survey County Series and
Ordnance Survey Plan 1:10,560

Gravel Pit	Sand Pit	Other Pits
Quarry	Shingle	Orchard
Oak	Roads	Marsh
Mixed Wood	Deciduous	Brushwood
Pit	Furze	Rough Pasture
Arrow denotes flow of water	Trigonometrical Station	
Site of Antiquities	Bench Mark	
Pump, Guide Post, Signal Post	Well, Spring, Boundary Post	
Surface Level		
Sketches Contour	Instrumental Contour	
Main Roads	Minor Roads	Raised Road
Road over Railway	Road over River	Railway over River
Railway over Road	Level Crossing	
Road over River or Canal	Road over Stream	
Road over Stream		
County Boundary (Geographical)	County & Civil Parish Boundary	
Administrative County & Civil Parish Boundary		
County Borough Boundary (England)		
County Borough Boundary (Scotland)		
Rural District Boundary		
Civil Parish Boundary		

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry	Gravel Pit	Clashed Pit or Quarry	Lake, Loch or Pond	Boulders	Non-Coniferous Trees
Sand Pit					
Refuse or Slag Heap					
Dunes	Coniferous Trees				
Orchard	Solus	Coppice			
Bracken	Heath	Rough Grassland			
Marsh	Roads	Sallings			
Building					
Glacchouse					
Sloping Masonry					
Pylon	Electricity Transmission Line				
Pole					
Standard Gauge Multiple Track					
Standard Gauge Single Track					
Siding, Tramway or Mineral Line					
Narrow Gauge					
Geographical County					
Administrative County, County Borough or County of City					
Municipal Borough, Urban or Rural District, Borough, Borough of County Council, Barony or District Council					
Barony only when not coincident with other boundaries					
Civil Parish					
These abbreviations are used in the Ordnance Survey Plan					
BP, BS	Boundary Post or Stone	Pol Sta	Police Station		
CH	Chapel	PO	Post Office		
CH	Club House	PC	Public Caravan		
FE St	Fire Engine Station	PH	Public House		
FB	Foot Bridge	SB	Signal Box		
FM	Fountain	Spr	Spring		
GP	Guide Post	TCS	Telephone Call Box		
MP	Mill Post	TCP	Telephone Call Post		
MS	Mill Stone	W	Well		

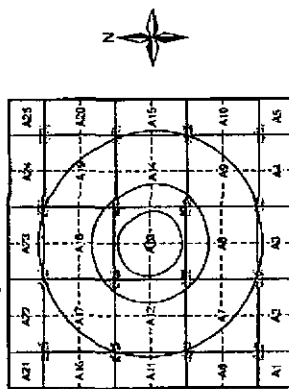
1:10,000 Raster Mapping

Gravel Pit	Refuse tip or slag heap	
Rock	Rock (scattered)	
Boulders	Boulders (scattered)	
Shingle	Mud	
Sand	Sand Pit	
Slopes	Top of cliff	
General detail	Underground detail	
Overhead detail	Narrow gauge railway	
Multi-track railway	Single track railway	
County boundary (England only)	Civil, parish or community boundary	
District, Unitary, Metropolitan, London Borough boundary	Constitutional boundary	
Area of wooded vegetation	Non-coniferous trees	
Coniferous trees (scattered)	Coniferous trees	
Coniferous trees (scattered)	Positioned trees	
Orchard	Coppice or Delers	
Rough Grassland	Heath	
Scrub	Marsh, Salt Marsh or Reeds	
Water feature	Flow arrows	
Mean high water (springs)	Mean low water (springs)	
Telephone line (where shown)	Electricity transmission line (with poles)	
Bench mark (where shown)	Triangulation station	
Public feature (a.p. Guide Post or Mile Stone)	Pylon, flag stack or lighting tower	
Site of antiquity	Glacchouse	
General Building	Important Building	

Ordnance Survey mapping included:

Mapping Type	Scale	Date	Dr
Topographic	1:10,560	1858	2
Topographic	1:10,560	1891 - 1894	3
Topographic	1:10,560	1907	4
Topographic	1:10,560	1928	5
Ordnance Survey Plan	1:10,560	1955	6
Ordnance Survey Plan	1:10,560	1965	7
Ordnance Survey Plan	1:10,000	1973	8
Ordnance Survey Plan	1:10,000	1983	9
Ordnance Survey Plan	1:10,000	1993	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2004	12

Historical Map - Slice A



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Sheet: A
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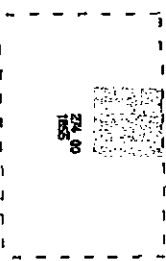
Barnagh Green Road, BARNESLEY



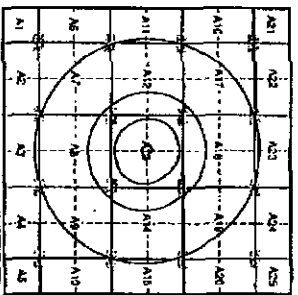
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Published 1855
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Map Name(s) and Date(s)



Historical Map - Slice A



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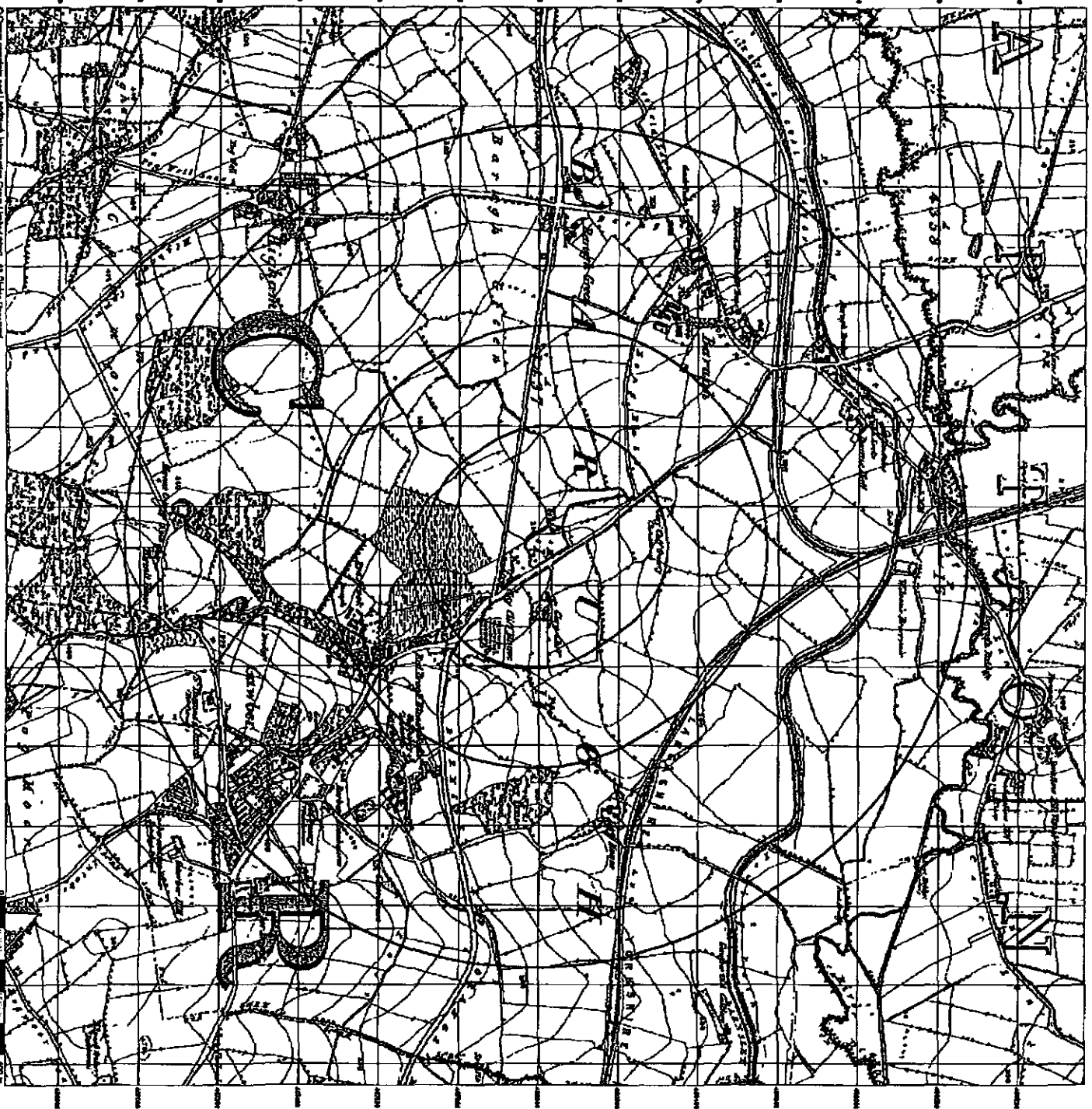
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Site Details

Brough Green Road, BARNISLEY



The
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 www.landmark.co.uk



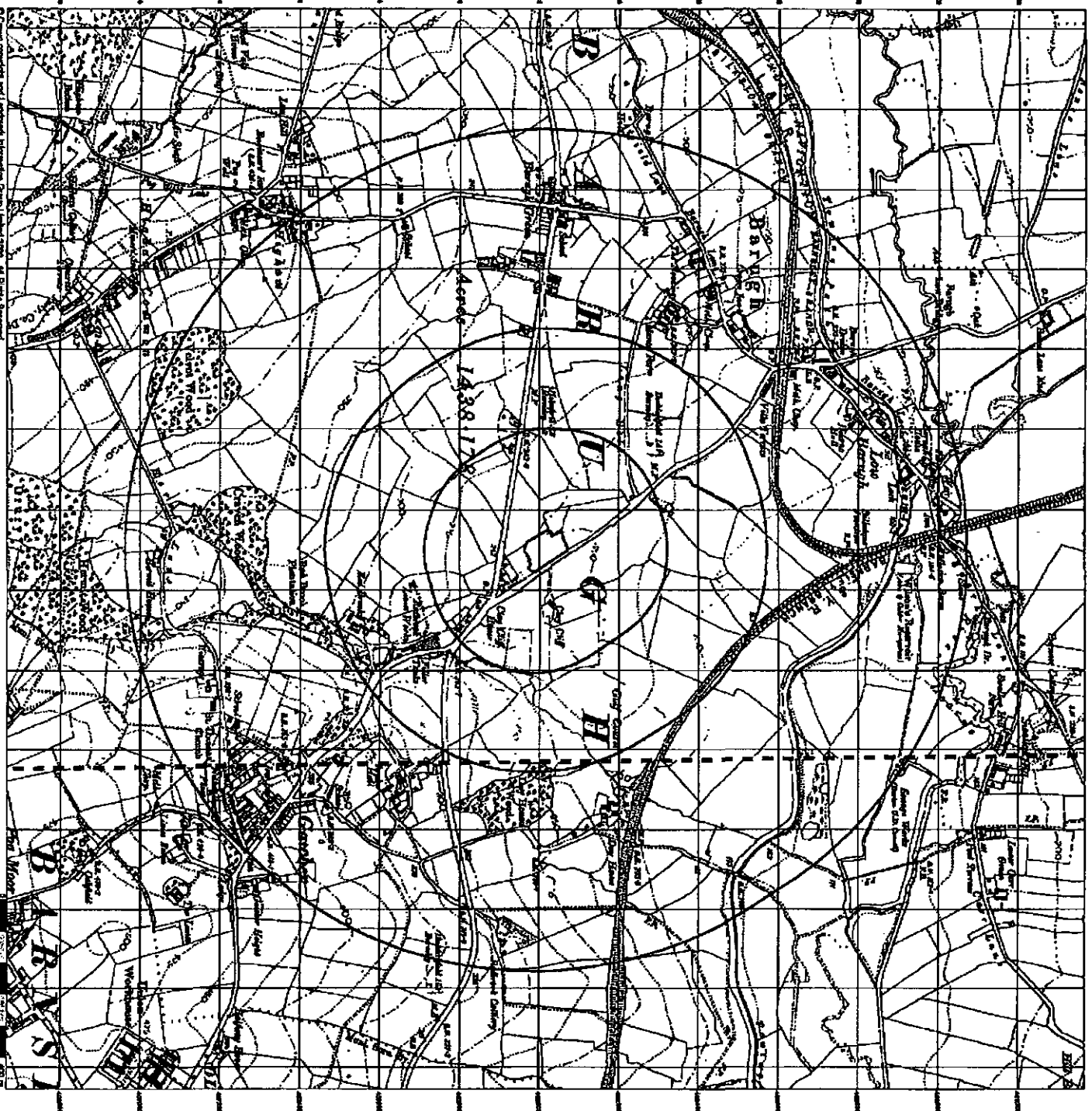


Source map scale - 1:10,560

Map Name(s) and Date(s)

Tel: 06370 6250 6670
 Fax: 06370 6250 6671
 Email: enquiries@hutchinson.co.uk

A Landmark Information Group Service v19.0 06-Feb-2007 Page 4 of 12



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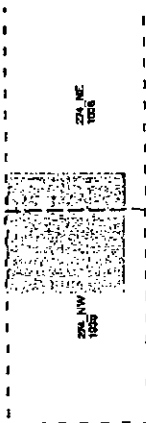
Yorkshire

Published 1938

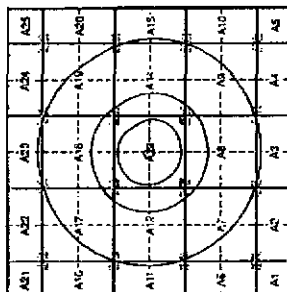
Source map scale - 1:10,560

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; those maps were used to update the 1:10,560 maps. The published data given therefore is often some years later than the surveyed data. 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 discrepancies in outlying areas. In the 1930s, using the significant retriangulation of outlying areas, the 1:10,560 maps were revised to the Transverse Mercator Projection. The maps appear to be based on a number of sources. The maps appear to be based on the 1:10,560 maps and other cartographic data removed. These maps were primarily overlaid with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

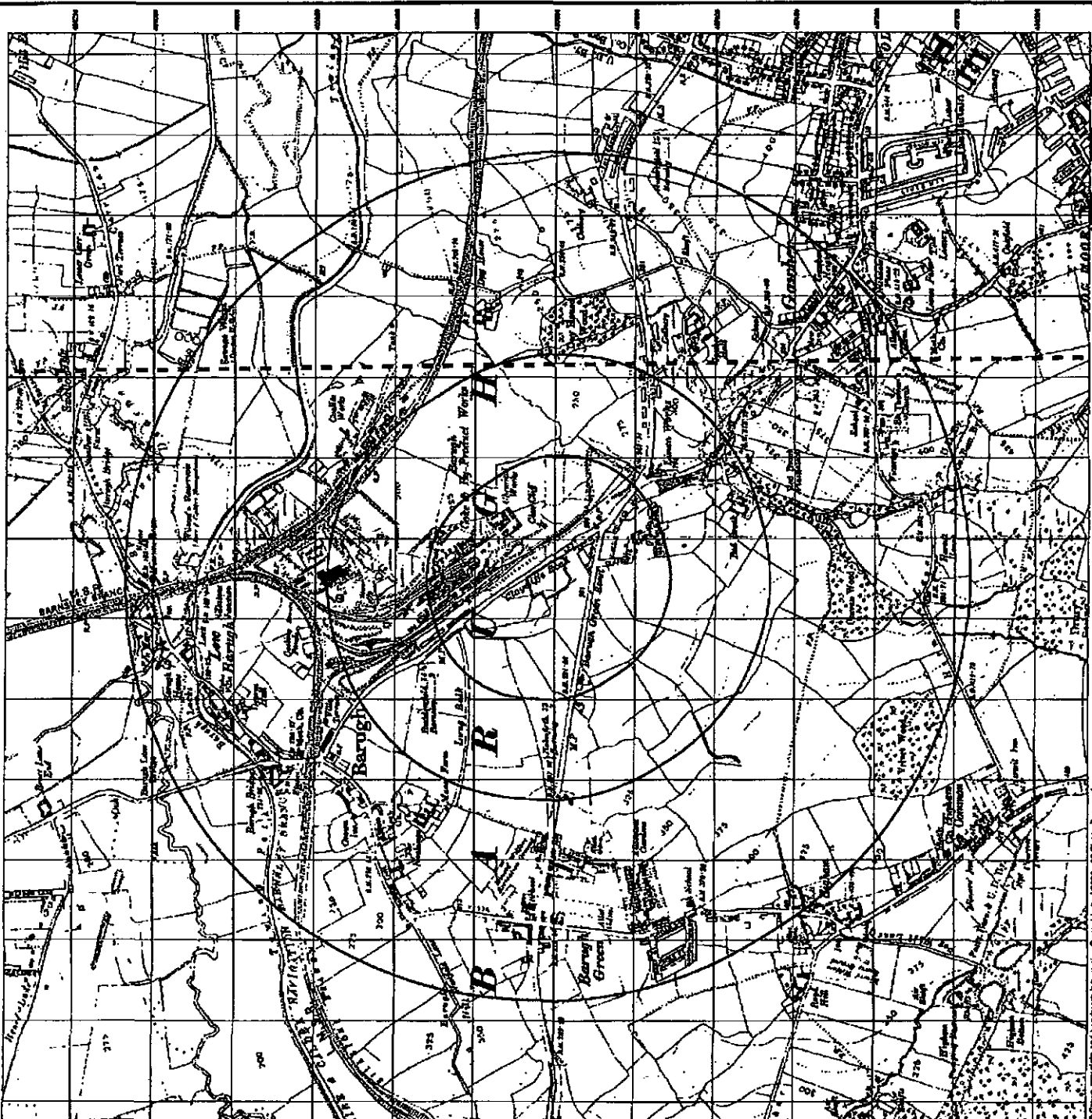


Order Details

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Customer Ref: 7515
National Grid Reference: 431800, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Site Details

Banagh Green Road, BARNESLEY





Ordnance Survey Plan Published 1956

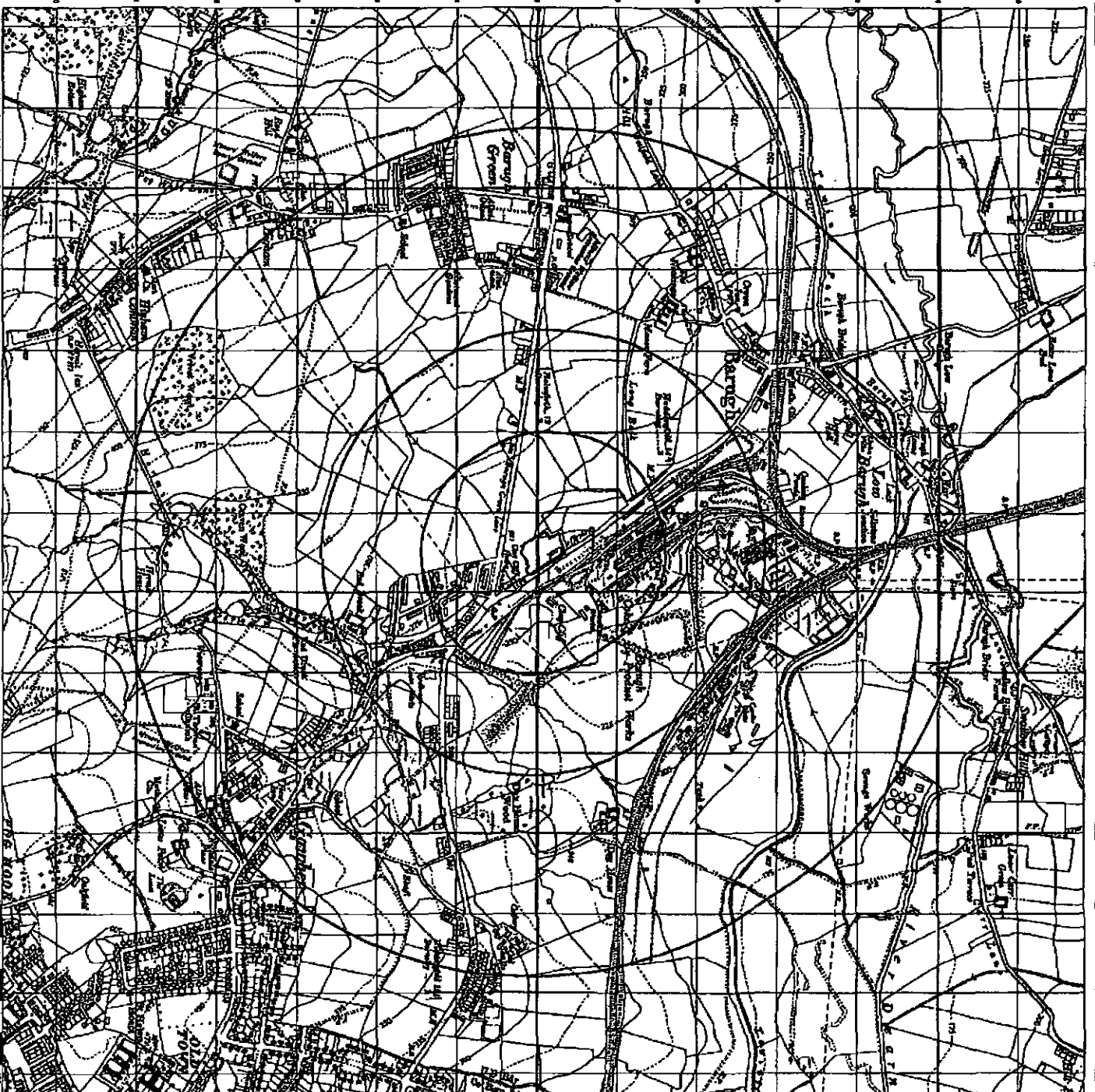
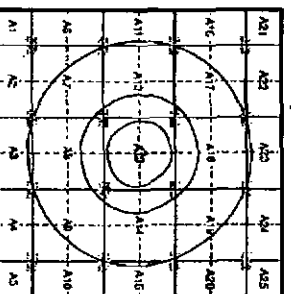
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Map Name(s) and Date(s)



Historical Map - Slice A



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Information Group

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A Landmark Information Group Service V19.0 06-Feb-2007 Page 6 of 12

Order Details
Order Number: 20945143.1.1
Customer Ref: 7515
National Grid Reference: 431900, 408070
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Site Details
Barnsley Green Road, BARNSLEY

**Ordnance Survey Plan
Published 1966**

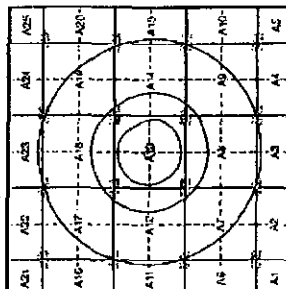
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 20945143_L1
Customer Ref: 7815
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Site Details

Barnsley Green Road, BARNESLEY



**Ordnance Survey Plan
Published 1973**

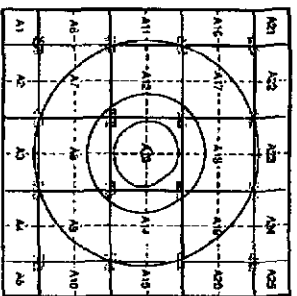
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scales indicated for England, Wales and Scotland. In the 1840's, the 1:10,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published data given boundaries is often some years later than the surveyed data. Between 1939, 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 surveying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear unaltered - with all railway curves and other cartographic details removed. These maps were widely compared with the National Grid, and the 1:10,000 maps were produced and updated with the Provisional Edition. The maps shown are the 1:10,000 maps, which are accurate, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 20945143, 1.1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (ha): 0.7
Search Buffer (m): 1000
Site Details
Barnh Green Road, BARNSELEY



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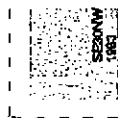
A Landmark service

Ordnance Survey Plan Published 1983

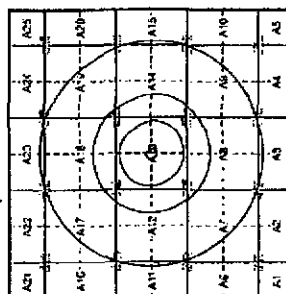
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854, the 1:25,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published data given here is to often some years later than the surveyed data. Before 1928, 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overlaid with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 20045143_1_1
Customer Ref: 7515
National Grid Reference: 491900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Site Details

Barugh Green Road, BARNESLEY



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Tel: 0870 660 0070

Fax: 0870 660 0071

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Ordnance Survey Plan Published 1993

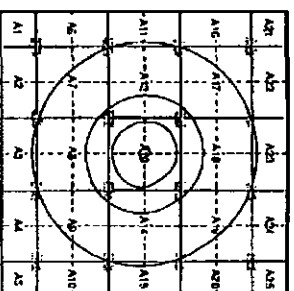
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1844 the 1:10,000 scale was adopted for mapping urban areas. These maps were used to update the 1:63,360 maps. The published data given here is often some years later than the surveyed data. Before 1900, all OS maps were based on the Cassini projection, with subsequent surveys of a single county or group of counties, giving rise to significant inaccuracies in early years. In the late 1940's a Universal Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear 'unfamiliar' with all railway camps and other features removed. These maps were initially overlaid with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator projection. The transfer process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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National Grid Reference: 481500, 408010
Sheet: A
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Search Buffer (m): 1000
Site Details
Barn Green Road, BARNESLEY



Published 2000

Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information duplication includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Order Details

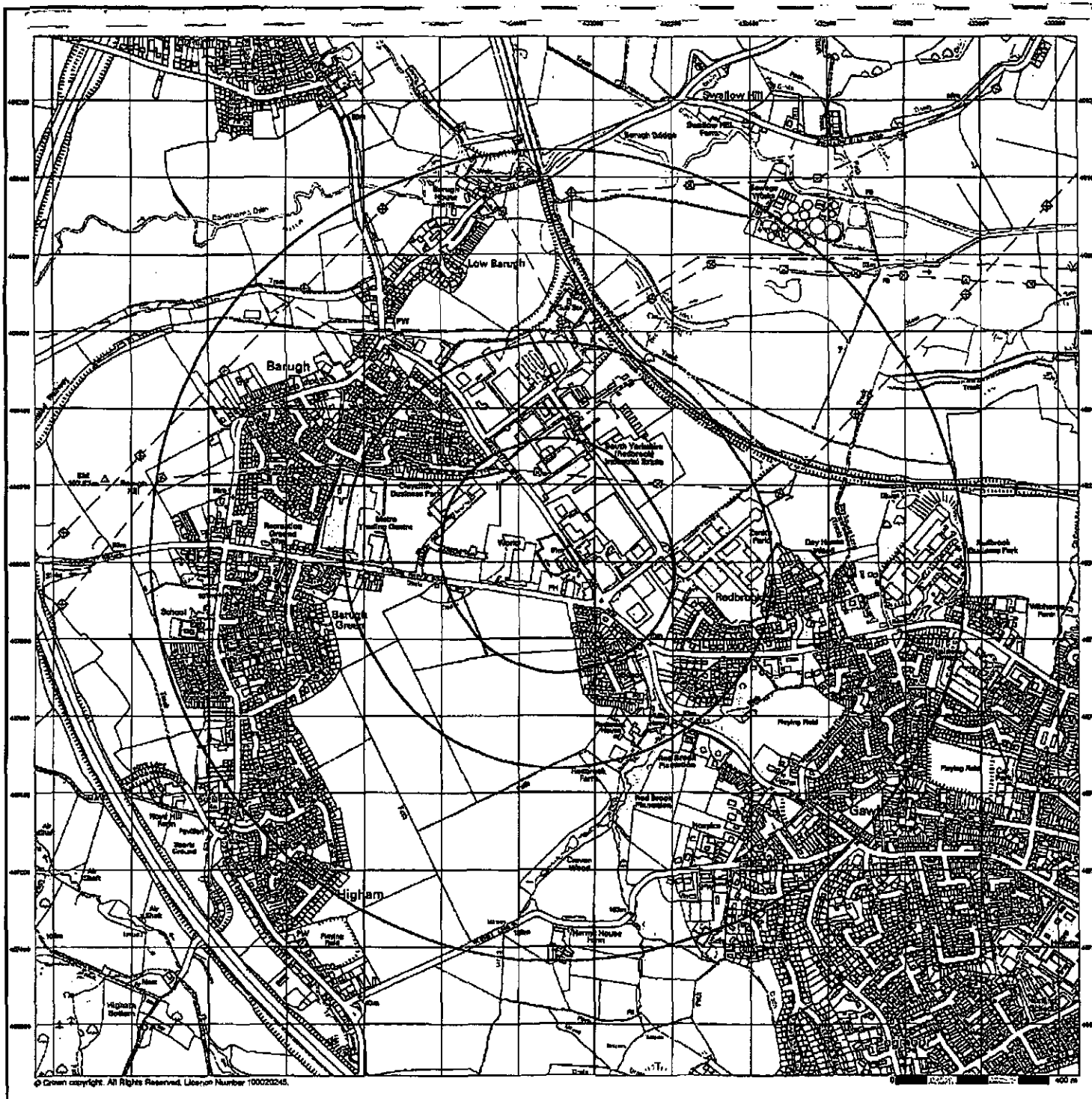
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Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Site Details

Barnugh Green Road, BARNESLEY



Tel: 0870 850 0870
Fax: 0870 850 8871
Web: www.onvirochemical.co.uk



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10K Raster Mapping

Published 2004

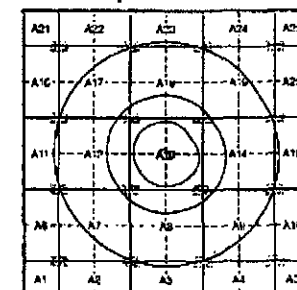
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The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depicts counties, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 20945143_1_1
 Customer Ref: 7515
 National Grid Reference: 431900, 408010
 Sheet: A
 Site Area (Ha): 0.7
 Search Buffer (m): 1000

Site Details

Barugh Green Road, BARNSLEY



Tel: 0870 850 0070
 Fax: 0870 850 0071
 Web: www.envirocheck.co.uk

**Ordinance Survey County Series and
Ordinance Survey Plan 1:2,500**

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information

Large-Scale National Grid Data 1:2,500 and 1:1,250

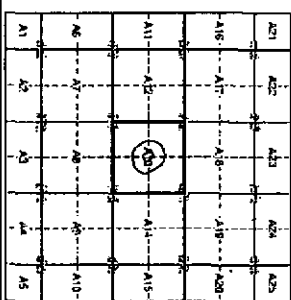
1:1,250

Ordnance Survey mapping included:



Mapping Type	Scale	Date
Vertical	1:2,500	1881 - 1883
Vertical	1:2,500	1905
Vertical	1:2,500	1891
Ordinance Survey Plan	1:2,500	1880 - 1882
Ordinance Survey Plan	1:2,500	1888 - 1877
Ordinance Survey Plan	1:2,500	1877
Ordinance Survey Plan	1:1,250	1883
Ordinance Survey Plan	1:1,250	1975
Additional Stiles	1:2,500	1978
Additional Stiles	1:2,500	1887 - 1887
Additional Stiles	1:2,500	1887 - 1891
Additional Stiles	1:2,500	1890 - 1971
Additional Stiles	1:2,500	1861
Additional Stiles	1:1,250	1880
Additional Stiles	1:1,250	1891
Survey of Unpublished Survey Information	1:2,500	1873
Large Scale National Grid Data	1:2,500	1885
Large Scale National Grid Data	1:2,500	1885
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Large Scale National Grid Data	1:2,500	1883

Historical Map - Segment A13



Order Details

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Customer Ref: 7515
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Street: A
Site Area (Ha): 0.7
Search Buffer (m): 100

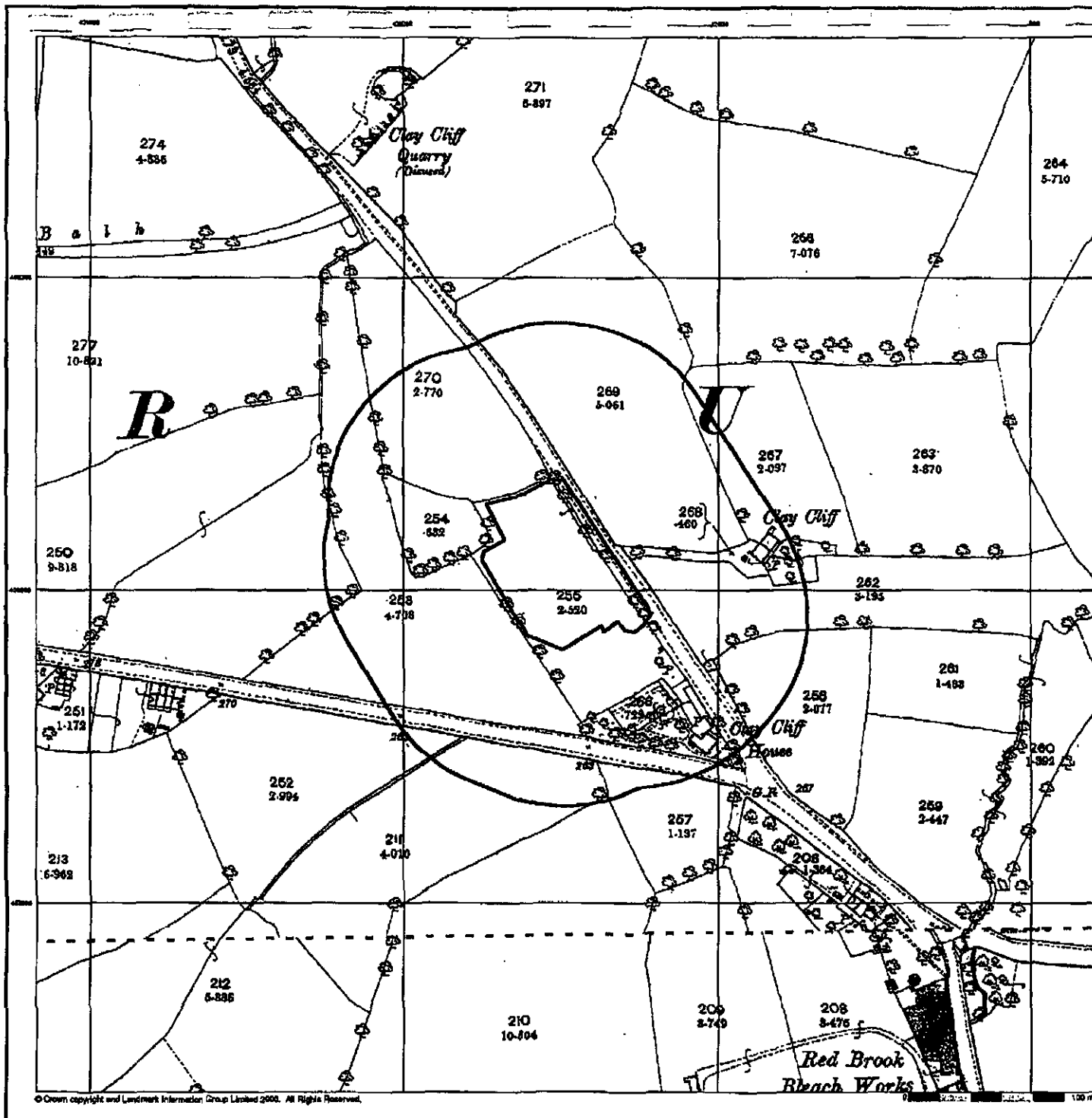
Site Details
 Baugh Green Road, BARNISLEY

Site Details

Borough Green Road, BARNESLEY



Intermediation Group



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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 1890 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published data given below is often some years later than the surveyed data. Before 1833, 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

A21	A22	A23	A24	A25
A16	A17	A18	A19	A20
A11	A12	A13	A14	A15
A6	A7	A8	A9	A10
A1	A2	A3	A4	A5



Order Details

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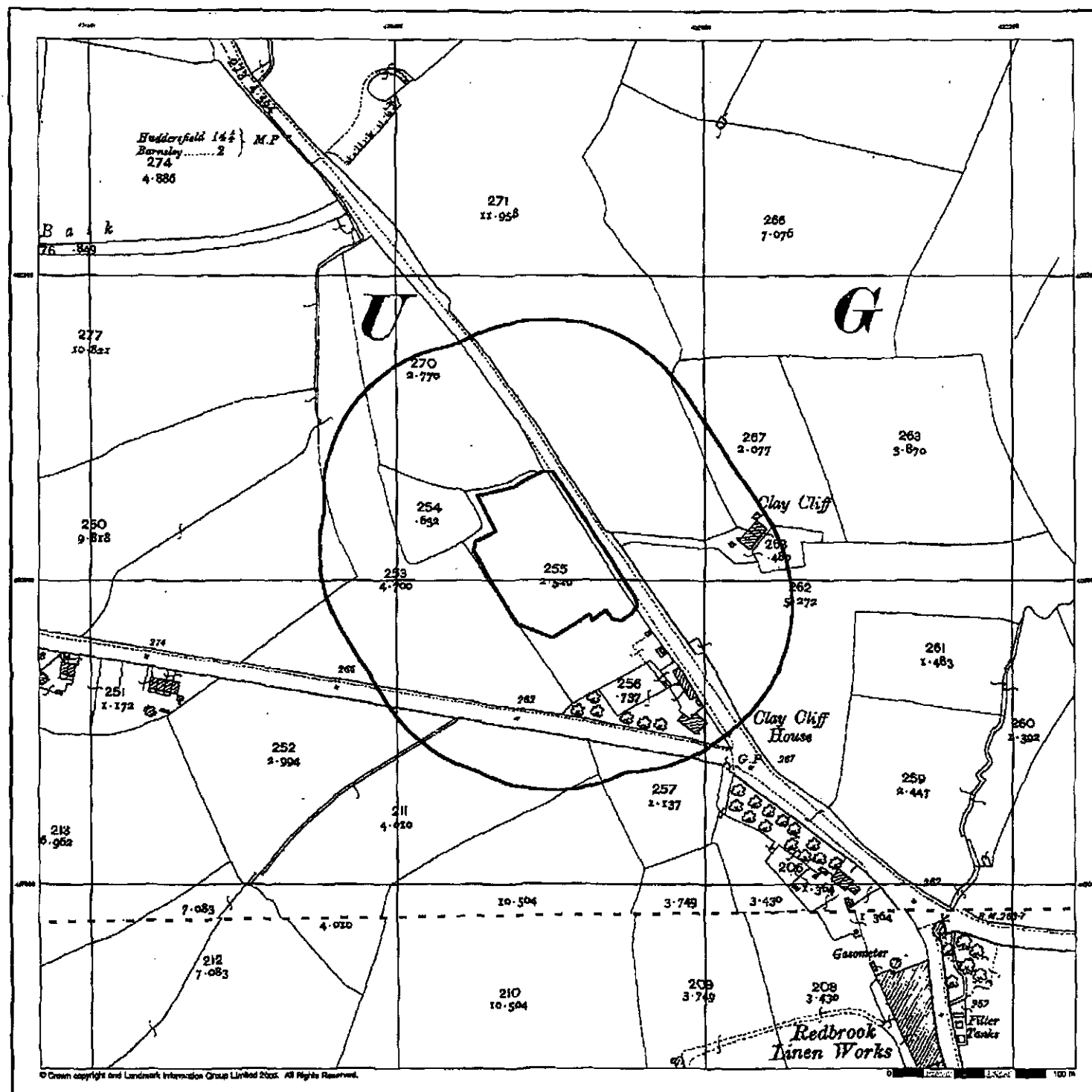
Site Details

Barnh Green Road, BARNLEY



LANDMARK
Information Group

Tel: 01770 850 0070
Fax: 01770 850 0071
Web: www.envirocheck.co.uk



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Yorkshire

Published 1906

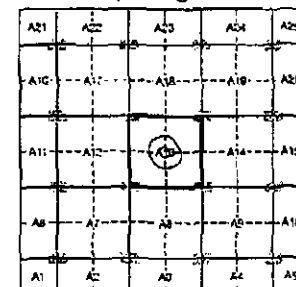
Source map scale - 1:2,500

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 1886 it covered the whole of what were considered to be the outlying parts of Great Britain. The published data given below is often some years later than the surveyed data. Before 1838, 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: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 100

Site Details

Baugh Green Road, BARNSELY

Ordnance Survey Plan

Published 1960 - 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 1960. In 1960 the Ordnance Survey maps were reissued and by 1962 a revised edition of the maps was published. The maps were reissued in 1962 and the published data given below is often some years later than the surveyed data. Before 1958, 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)

OS 2116 1962	OS 2116 1962
OS 2116 1962	OS 2116 1962

Historical Map - Segment A13

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Ordnance Survey Plan Published 1969 - 1971

Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale depicted for England. These are described in the 1969 & 1971 1:2,500 scale was adopted for mapping urban areas and by 1980 it covered the whole of Great Britain. The maps were produced by the Ordnance Survey, which is the national mapping agency for Great Britain. The maps are based on the Ordnance Survey's 1:25,000 scale maps, which are the most detailed maps of Great Britain. The maps are based on the Ordnance Survey's 1:25,000 scale maps, which are the most detailed maps of Great Britain. The maps are based on the Ordnance Survey's 1:25,000 scale maps, which are the most detailed maps of Great Britain.

Map Name(s) and Date(s)



Historical Map - Segment A13

A1	A2	A3	A4	A5
A6	A7	A8	A9	A10
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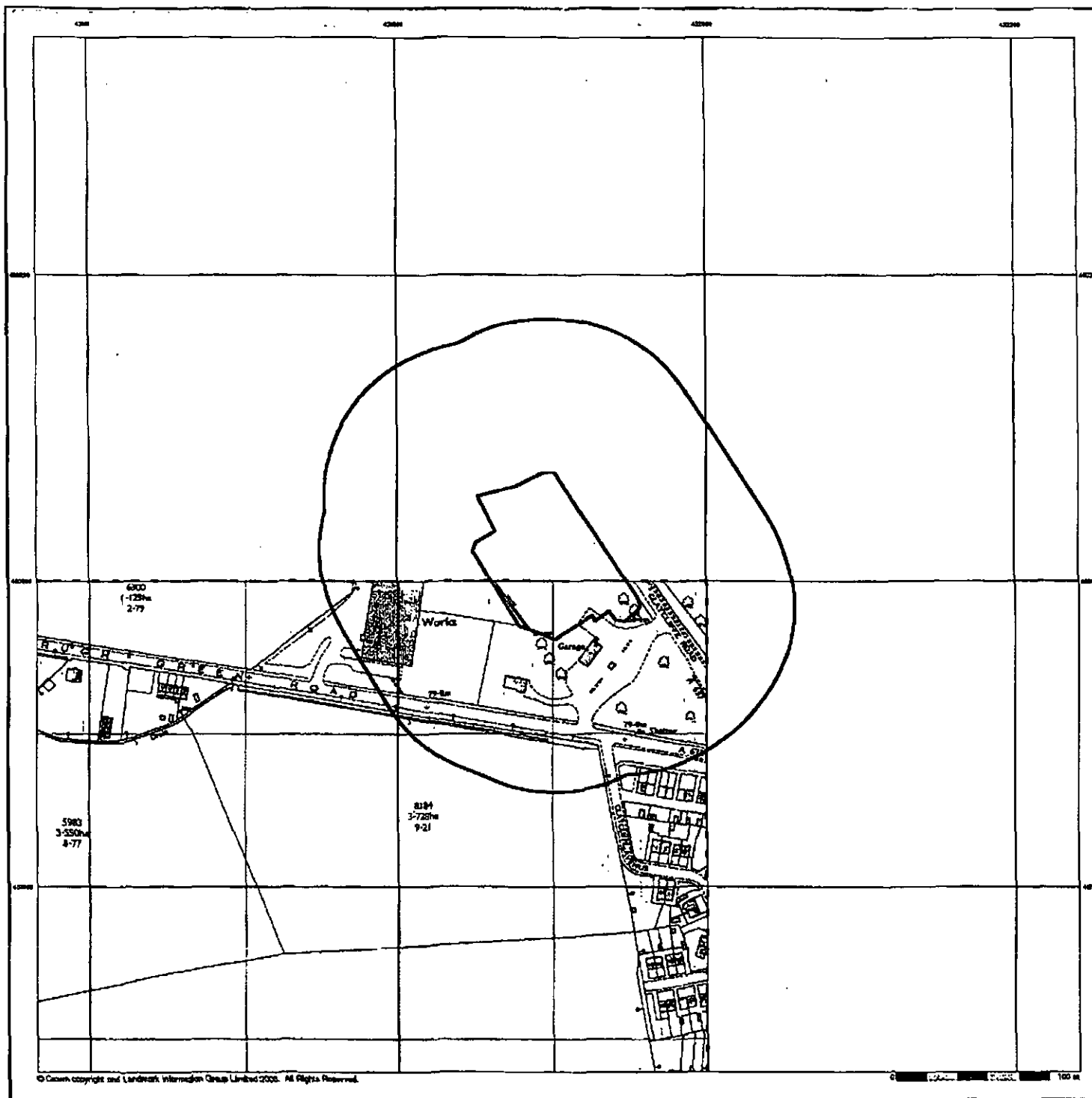


Order Details

Order Number: 20945143.1.1
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Sheet: A
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Search Buffer (m): 100
Site Details
Bought Green Road, BARNSTLEY



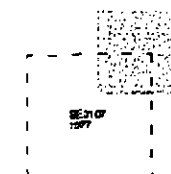
TEL: 01904 601 601
FAX: 01904 601 601
WWW: www.landmark.co.uk



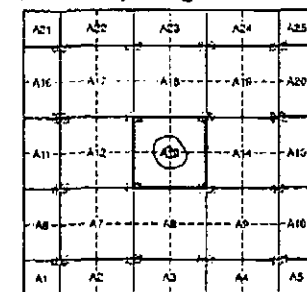
Ordnance Survey Plan
Published 1977
Source map scale - 1:2,500

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 1898 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: 20945143_1_1
 Customer Ref: 7515
 National Grid Reference: 431900, 408010
 Sheet: A
 Site Area (Ha): 0.7
 Search Buffer (m): 100

Site Details

Barugh Green Road, BARNSELEY



Tel: 0870 850 8870
 Fax: 0870 850 8871
 Web: www.envirocheck.co.uk



Ordnance Survey Plan
Published 1959
Source map scale - 1:1,250

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 1888 it covered the whole of what were considered to be the outlying parts of Great Britain. The published data given below is often more recent than the surveyed data. Before 1900, all OS maps were based on the Cassini Projection, with independent surveys of single country or groups of countries, giving rise to apparent distortions in varying degrees.

Map Name(s) and Date(s)



Historical Map - Segment A13

A1	A2	A3	A4	A5
A6	A7	A8	A9	A10
A11	A12	A13	A14	A15
A16	A17	A18	A19	A20
A21	A22	A23	A24	A25
A26	A27	A28	A29	A30
A31	A32	A33	A34	A35
A36	A37	A38	A39	A40
A41	A42	A43	A44	A45
A46	A47	A48	A49	A50
A51	A52	A53	A54	A55



Order Details

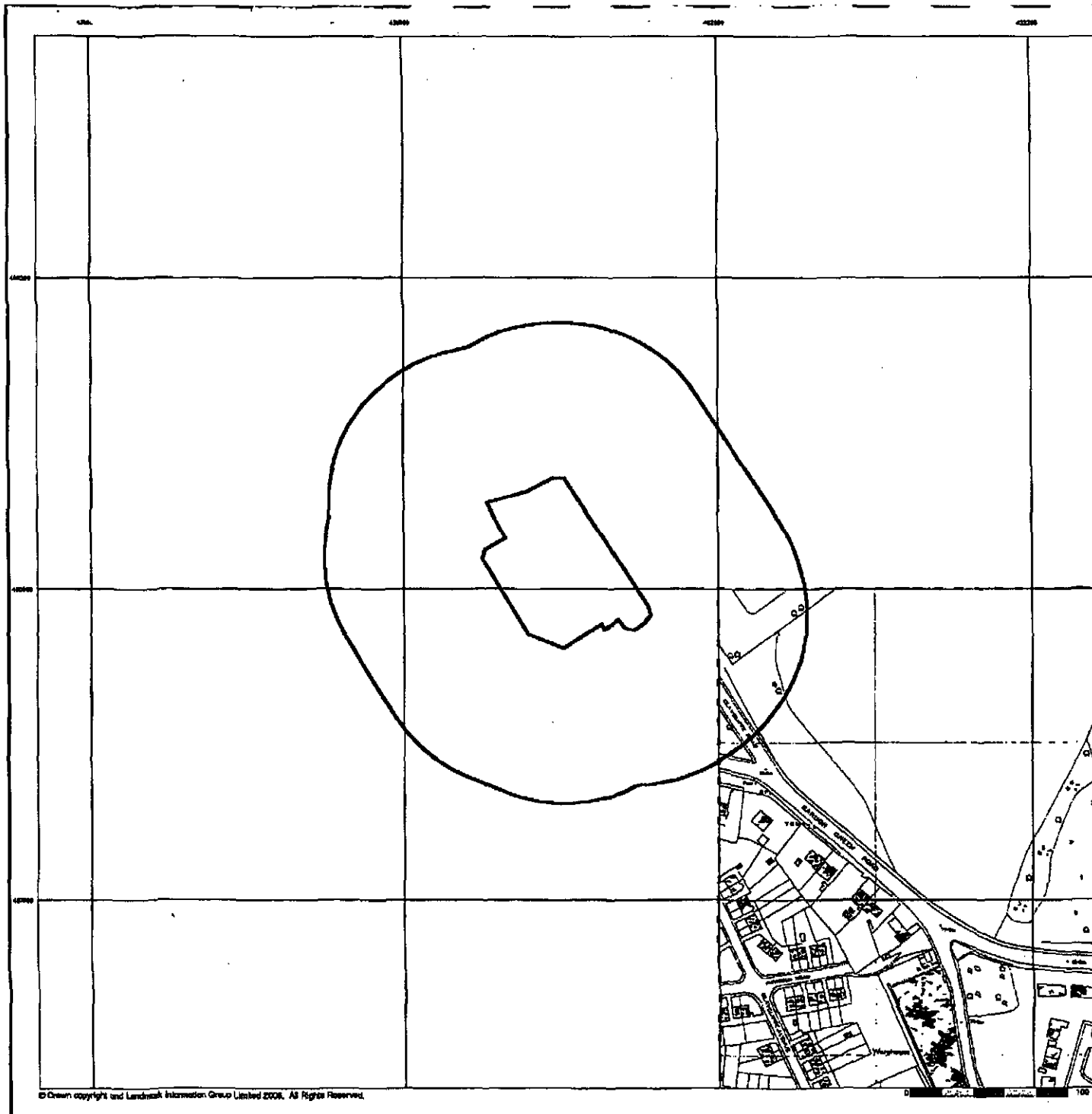
Order Number: 20945143.1.1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 100

Site Details

Banqu Green Road, BARNISLEY



Tel: 0870 660 0070
Fax: 0870 660 0071
Web: www.envirocheck.co.uk



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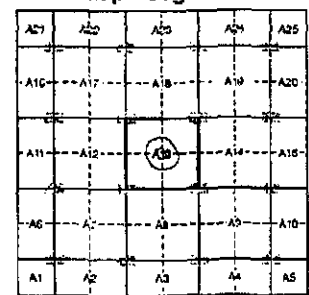
Ordnance Survey Plan
Published 1975
Source map scale - 1:1,250

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 1856 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 1838, 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: 20945143_1
 Customer Ref: 7515
 National Grid Reference: 431900, 408010
 Sheet: A
 Site Area (Ha): 0.7
 Search Buffer (m): 100

Site Details
 Barugh Green Road, BARNESLEY



Additional SIMS

Published 1980 - 1987

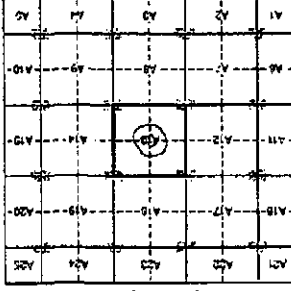
Source map scale - 1:2,500

The SIM cards (Ordinance Survey's 'Survey of Information on Microfilm') are
further, other editions of mapping which were produced and published in
between the main editions as an area was needed. They date from 1947 to 1991
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)

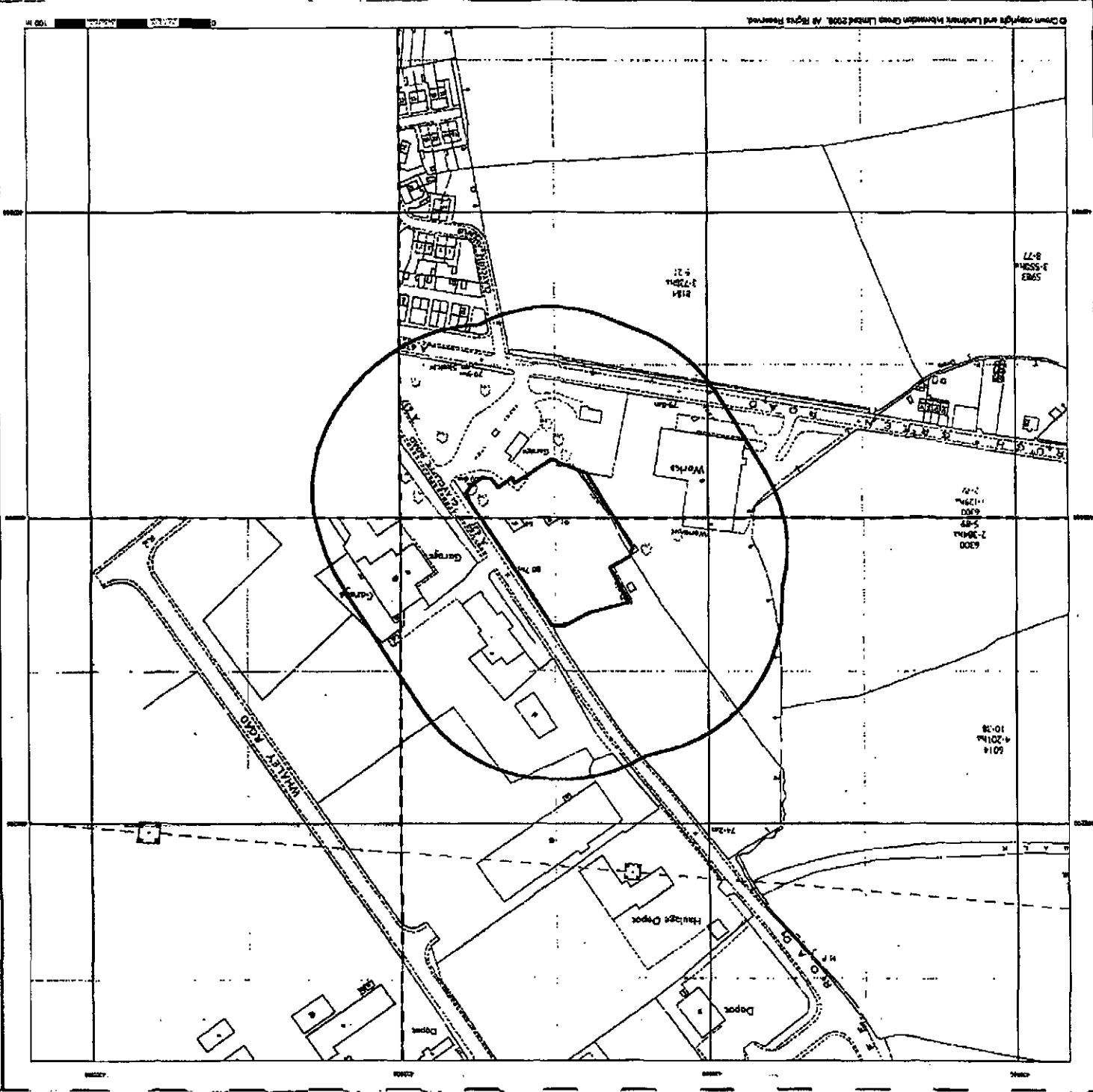


Historical Map - Segment A13



Order Details
Order Number: 20945143_1.1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 100

Site Details
Barnagh Green Road, BARNESLEY



Additional SIMS

Published 1991

Source map scale - 1:2,500

The SIMS cards (Operation Survey's Survey of Information on Waterbodies) are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1991, and contain detailed information on built-up areas, roads and water-courses. These maps were produced at scales 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13

A1	A2	A3	A4	A5
A6	A7	A8	A9	A10
A11	A12	A13	A14	A15
A16	A17	A18	A19	A20
A21	A22	A23	A24	A25

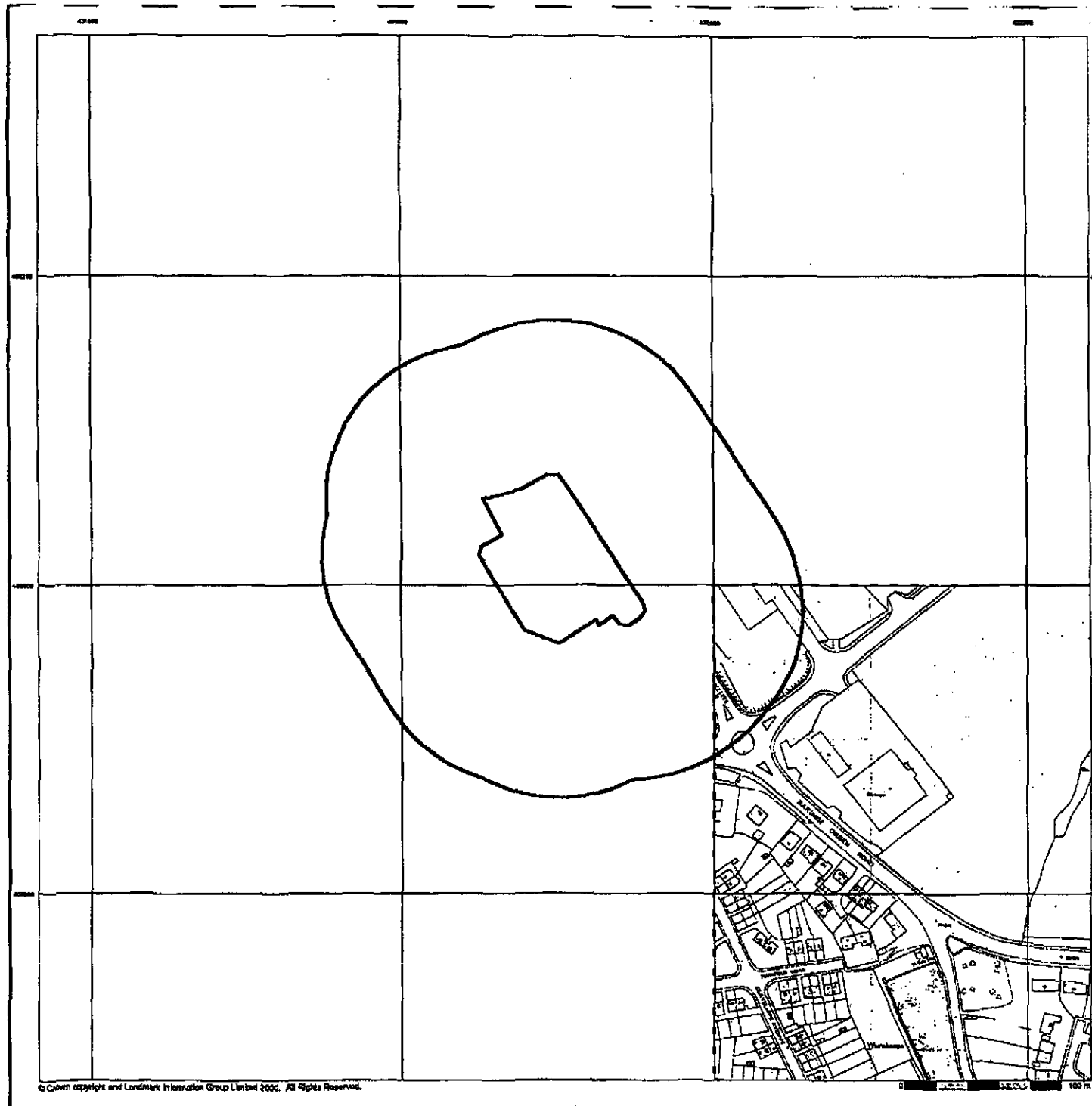


Order Details

Order Number: 80846143_1.1
 Customer Ref: 7515
 National Grid Reference: 481800, 408010
 Sheet: A
 Site Area (ha): 0.7
 Search Buffer (m): 100
 Site Details
 Barnagh Green Road, BARNISLEY



Enviro 850 Enviro
 0800 850 850
 www.envirocheck.co.uk



Additional SIMs

Published 1990

Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1991 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)



Historical Map - Segment A13

A21	A22	A23	A24	A25
A18	A17	A16	A15	A14
A11	A12	A13	A14	A15
A8	A7	A6	A5	A4
A1	A2	A3	A4	A5

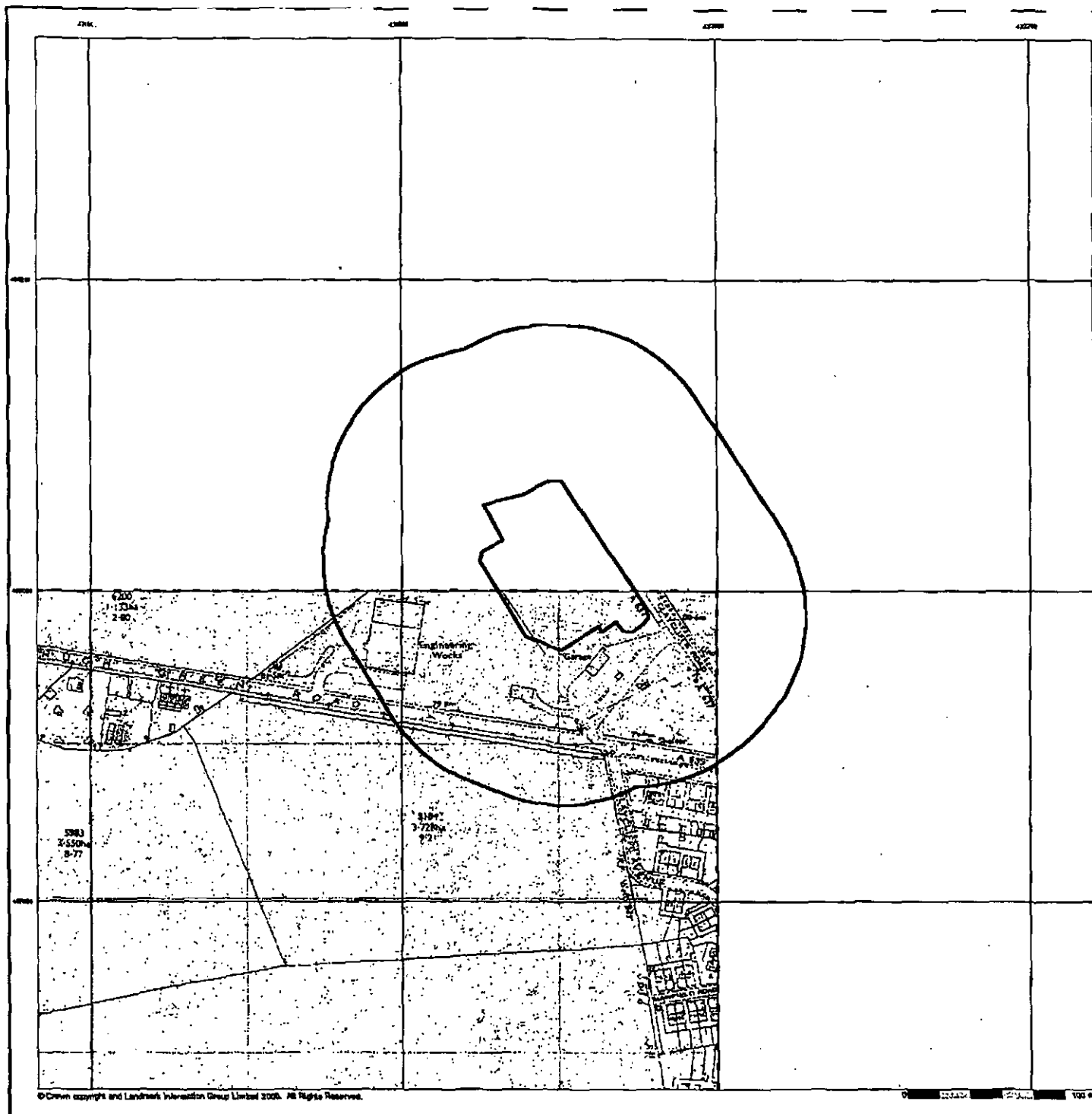


Order Details

Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 100

Site Details

Barugh Green Road, BARNLEY



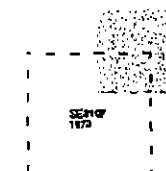
Supply of Unpublished Survey Information

Published 1973

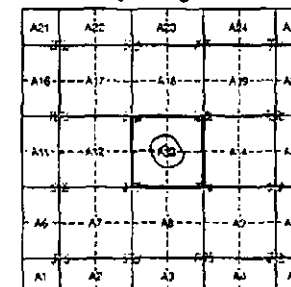
Source map scale - 1:2,500

SUBI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 100

Site Details

Barugh Green Road, BARNSELEY



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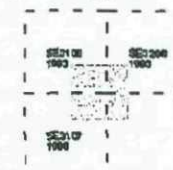


Large-Scale National Grid Data Published 1993

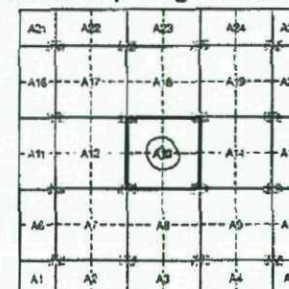
Source map scale - 1:2,500

Large Scale National Grid Data superseded SIM cards (Ordnance Survey's Survey of Information on Microfilm) in 1993, and continued to be produced until 1999. These maps were the forerunners 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

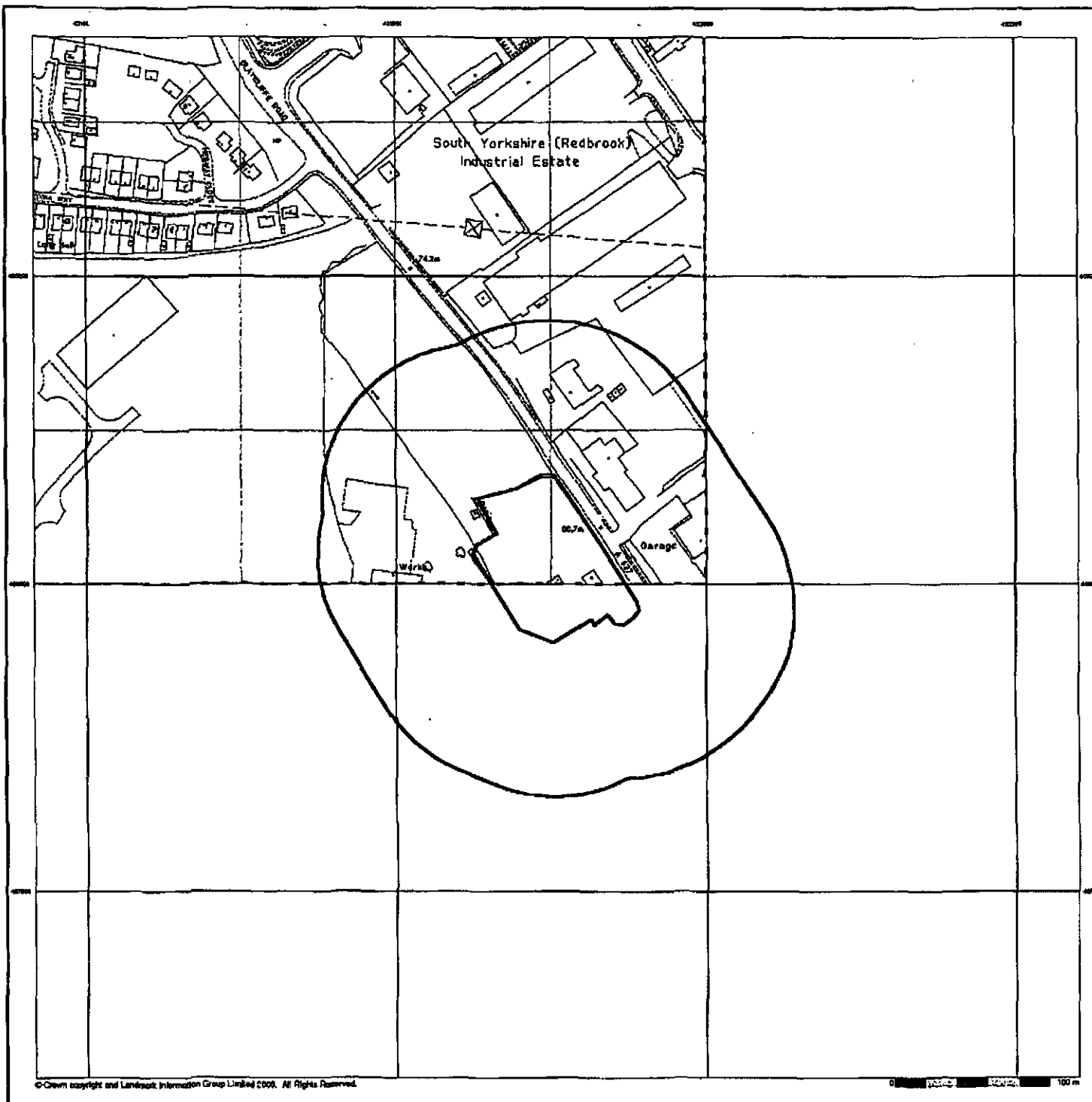
Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 100

Site Details

Barugh Green Road, BARNSEY



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Fax: 0870 850 8571
Web: www.envirocheck.co.uk

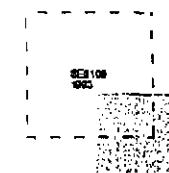


Large-Scale National Grid Data **Published 1993**

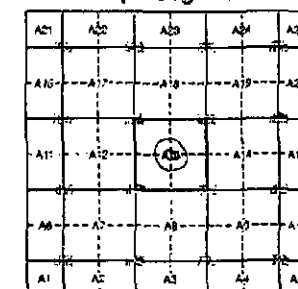
Source map scale - 1:2,500

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 forerunners of digital mapping and do 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

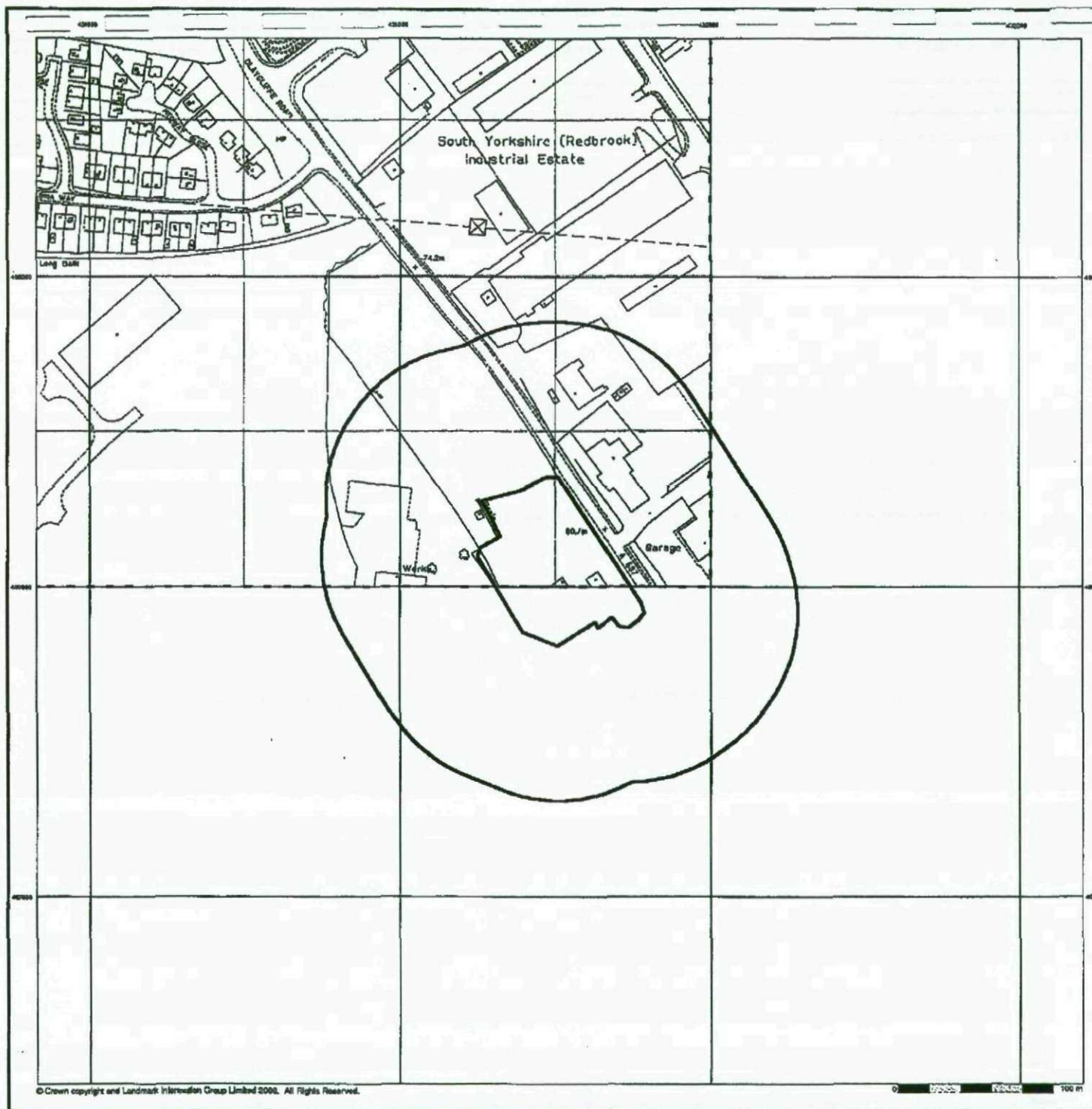
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 Customer Ref: 7515
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 Sheet: A
 Site Area (Ha): 0.7
 Search Buffer (m): 100

Site Details

Barugh Green Road, BARNESLEY



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 Fax: 0870 850 8871
 Web: www.envirocheck.co.uk



Large-Scale National Grid Data

Published 1993

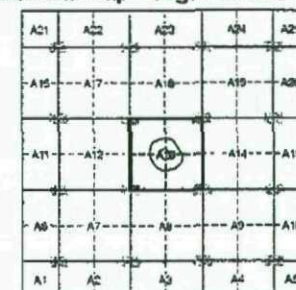
Source map scale - 1:2,500

'Large Scale National Grid Data' superimposed SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the forerunners 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

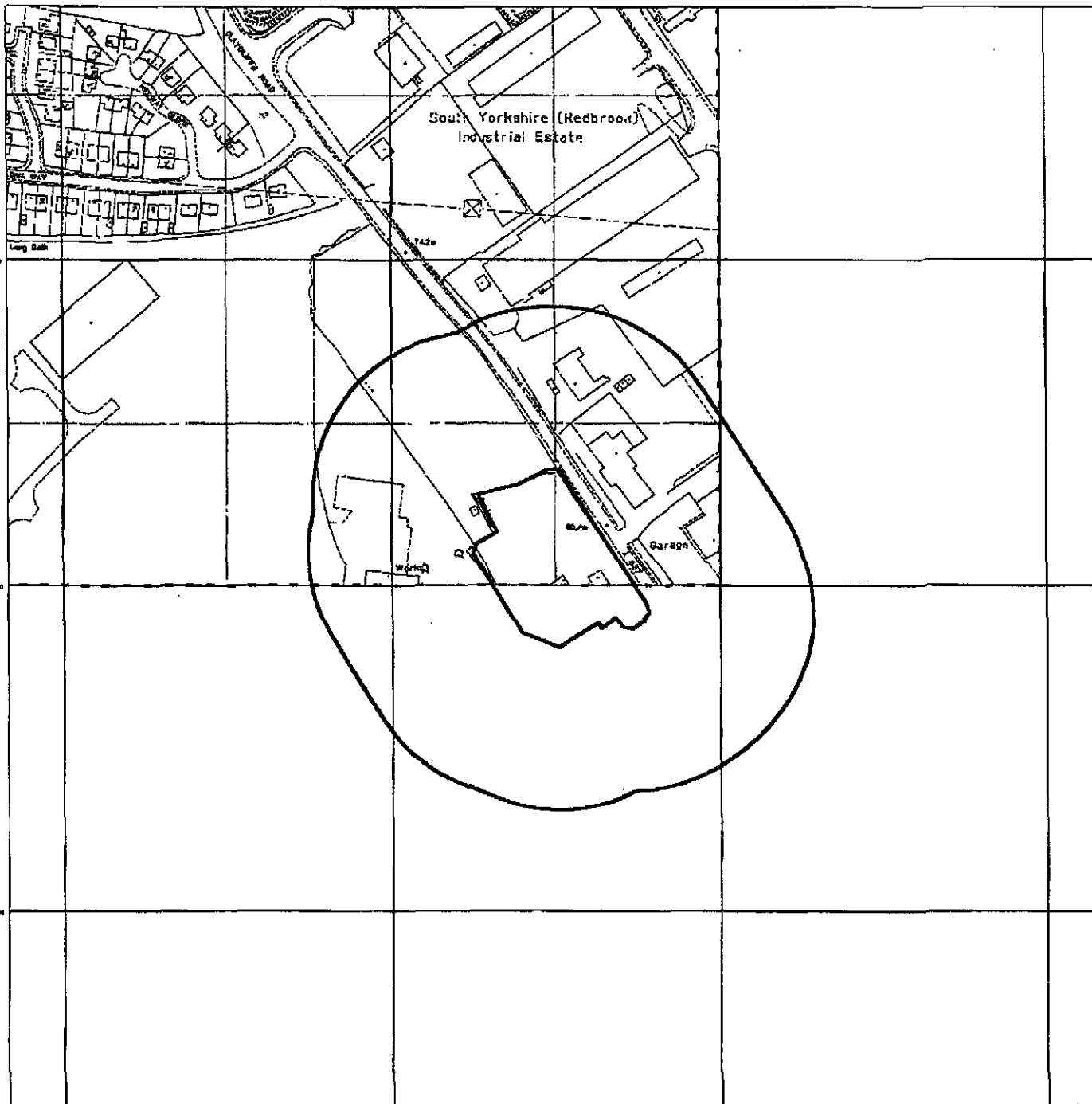
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 Customer Ref: 7515
 National Grid Reference: 431900, 408010
 Sheet: A
 Site Area (Ha): 0.7
 Search Buffer (m): 100

Site Details

Barugh Green Road, BARNSELY



Tel: 0870 850 8670
 Fax: 0870 850 8671
 Web: www.envirocheck.co.uk



**Large-Scale National Grid Data
Published 1995**

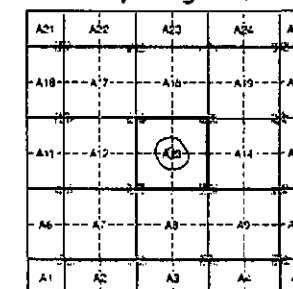
Source map scale - 1:2,500

Large Scale National Grid Data superseded SIM cards (Ordnance Survey's Survey of Information on Microfilm) in 1992, and continued to be produced until 1995. Those maps were the forerunners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. Those maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13

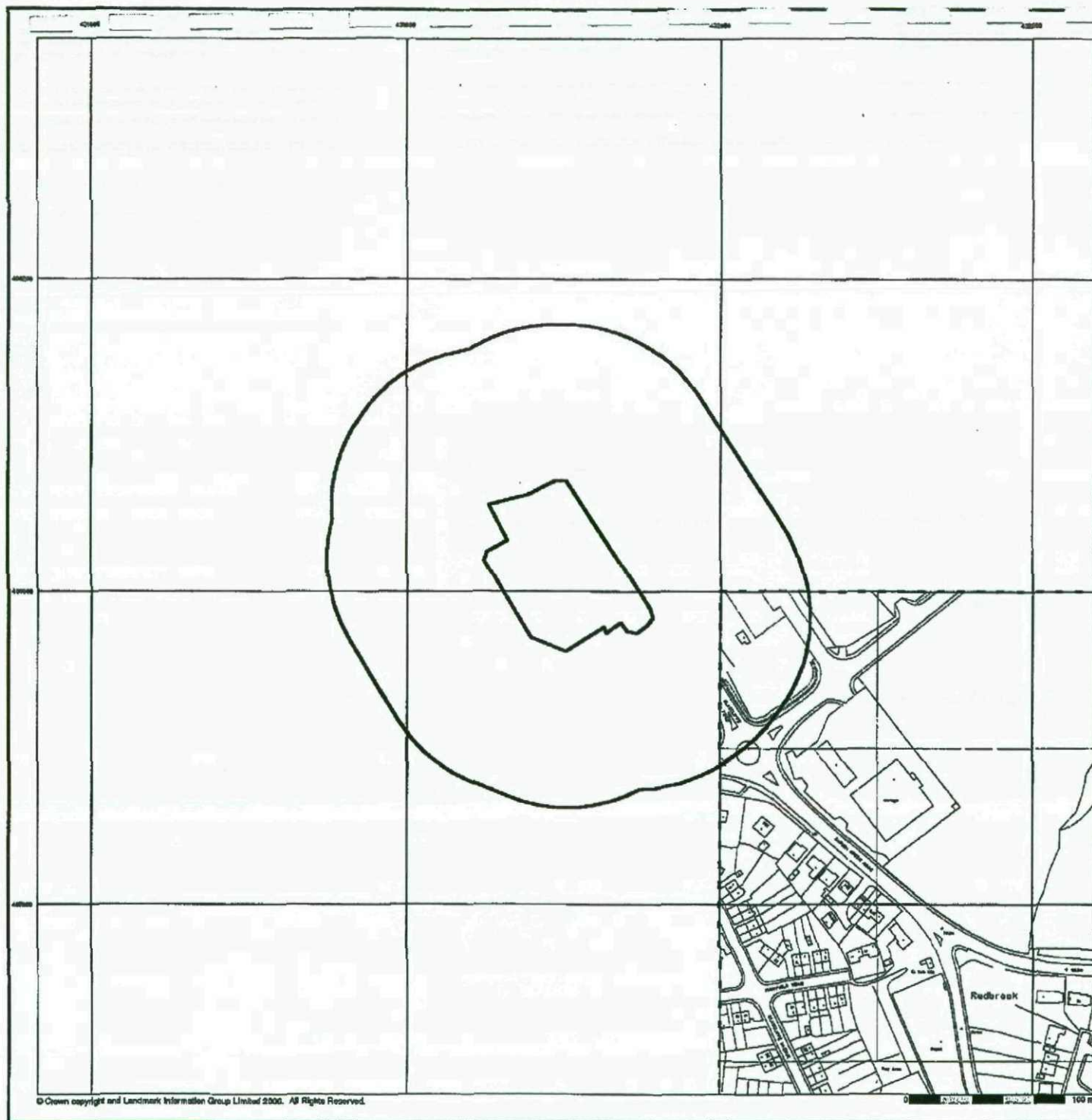


Order Details

Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 100

Site Details

Barugh Green Road, BARNSELY



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Large-Scale National Grid Data Published 1993

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 1998. These maps were the forerunners 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

A21	A22	A23	A24	A25
A18	A17	A16	A15	A14
A11	A12	A13	A14	A15
A8	A7	A6	A5	A4
A1	A2	A3	A4	A5



Order Details

Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 100

Site Details

Barugh Green Road, BARNLEY



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Fax: 0870 850 6871
Web: www.envirocheck.co.uk

APPENDIX B
Envirocheck Report

- General**
- Specified Site
 - Specified Buffer(s)
 - ✕ Design Reference Point
 - Use ID
 - General Type of Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Sussex)
 - 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 Enforcement
 - Pollution Incident to Controlled Waters
 - ▼ Prosecution Resulting to Authorised Processes
 - ◆ Prosecution Resulting to Controlled Waters
 - ▲ Registered Remediation Substances
 - ▲ River Network or Water Feature
 - ▲ River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - ◆ Water Abstraction
 - ◆ Water Industry Act Referral
- Waste**
- ▼ DOS Recorded Landfill Site (Location)
 - DOS Recorded Landfill Site
 - ▲ Integrated Pollution Control Registered Waste Site
 - ▲ Licensed Waste Management Facility (Landfill Permit)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Pylon Referral to 100m)
 - Registered Landfill Site (Pylon Referral 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
 - HVS Site
 - Permitting Hazardous Substances Consent
 - Permitting Hazardous Substances Enforcement
- Geological**
- ▼ DOS Recorded Mineral Site
- Industrial Land Use**
- ★ Contemporary Trade Directory Entry
 - ★ Fuel Station Entry

Site Sensitivity Map - Segment A13



Order Details

Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Plot Buffer (m): 100

Site Details

Barugh Green Road, BARNLEY





- ▼ **Waste**
- **DCS Recycled Lumber S&B (Dumfries)**
- **DCS Recycled Lumber S&B**
- ▲ **Integrated Industrial Control Regulator**
- **Waste S&B**
- **Lowest/Plastic Intersegment Facility**
- **Special Recovery**
- **Lowest/Plastic Intersegment Facility (Dumfries)**

☐ **Contaminated Land Register Entry or Notice**

- [illegible]



Order Number: 20845143_1_1

Customer Ref: 7515
National Grid Reference: 431900, 408010
Street: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Barnugh Green Road, BARNISLEY



Toll: 06370 6000 60390
Free: 06370 6020 60371
Web: www.enrichback.co.uk

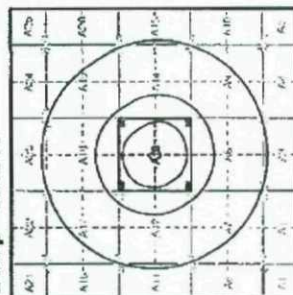
Specified Size

- | | |
|----------------------------------|-------------------------|
| ☐ | Specified Gutter(s) |
| ☒ | Bearing Reference Point |

Agency and Hydrological (Flood)

-  Extreme Flooding from Rivers or Slits without Delugees (Zone 2)
-  Flooding from Rivers or Slits without Delugees (Zone 2)
-  Area Interfacing from Flood Defence
-  Flood Water Storage Areas
-  Flood Defence

Flood Map - Slice A



Order Details

Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Site Details

Barugh Green Road, BARNSELEY



Toll	0870 850 8670
Post	0870 830 8671
Website	www.vodafone.co.uk



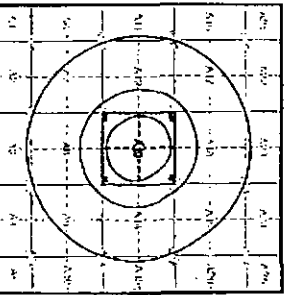
General

- ☐ Sensitive Site
- ☐ Sensitive Habitat
- ☐ Sensitive Species
- ☐ Sensitive Features
- ☐ Sensitive Land
- ☐ Sensitive to Type of Location

Agency and Hydrological (Boreholes)

For Borehole information please refer to the Borehole log file which accompanied this site.
A copy of the B98 Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

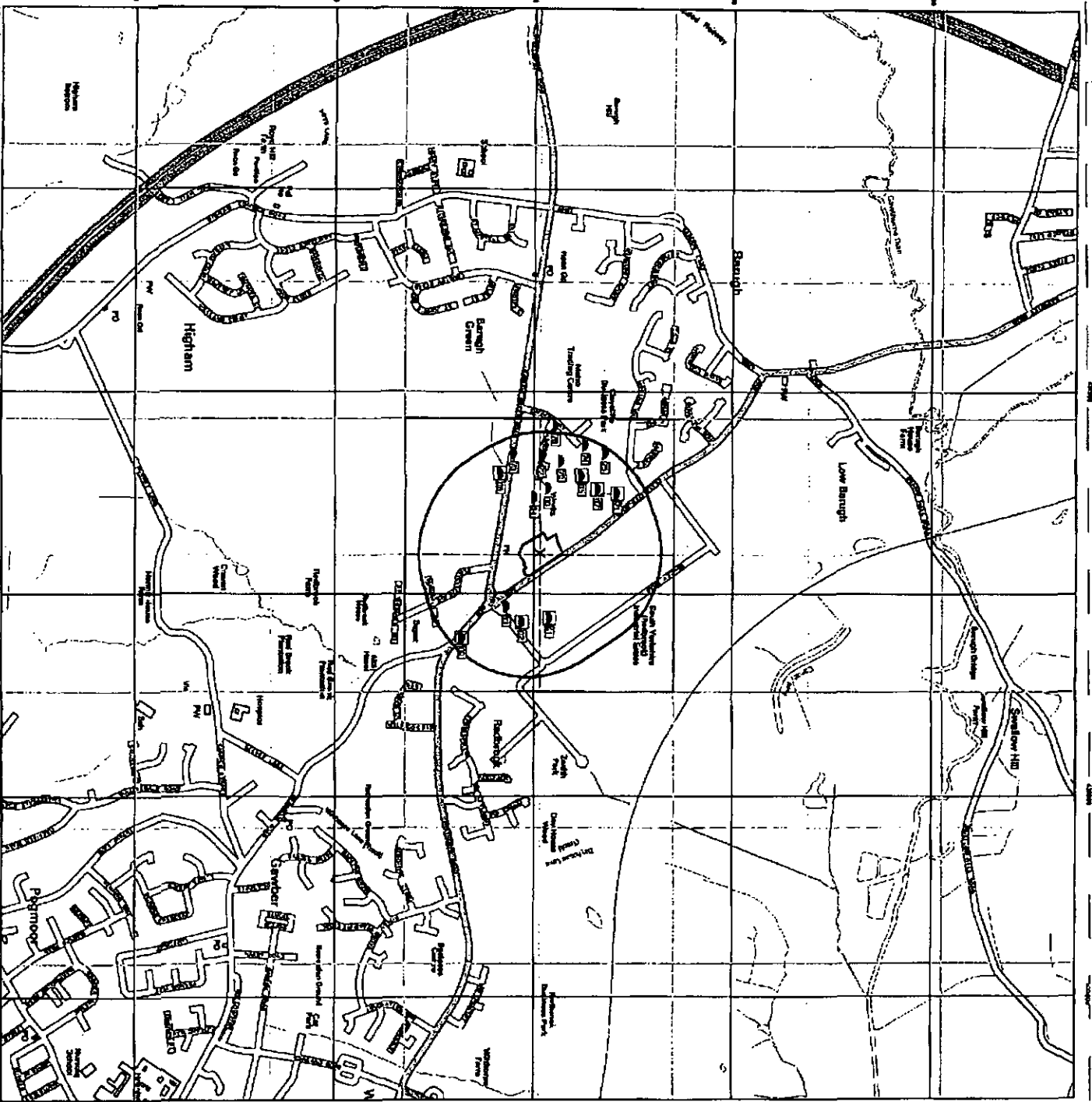
Order Number: 20945143_1.1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (ha): 0.7
Search Buffer (m): 1000

Site Details

Barnagh Green Road, BARNISLEY



LANDMARK
Information Group



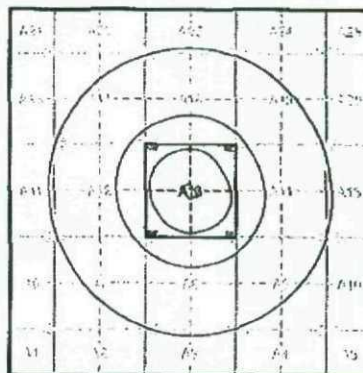
Order Details

Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Site Details

Barugh Green Road, BARNSELY

Groundwater Vulnerability - Slice A



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Background	General	Agency & Hydrological
- Footpath - Bridleway - Byway open to all traffic - Road Used as a Public Path - Other routes with Public Access - National Trail or Long Distance Route - Contour - Fishing - Nature Reserve	- Specified Site - Specified Buffer(s) - Bearing Reference Point	Geological Classes - Major Aquifer (Highly Permeable) - Minor Aquifer (Variable Permeable) - Non Aquifer (Negligibly Permeable) - Water or Sea - Drift Deposit Soil Classes - High (0-1, 2, 3, U) - Intermediate (0) 1, 2 - Low - High (0-1, 2, 3, U) - Intermediate (0) 1, 2 - Low

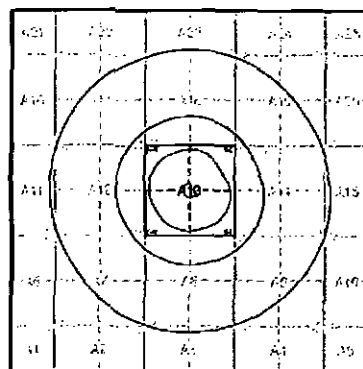
Order Details

Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Site Details

Barugh Green Road, BARNSELY

Source Protection Zones - Slice A



Background

Footpath
Bridleway
Byway open to all traffic
Road Used as a Public Path
Other routes with Public Access
National Trail or Long Distance Route
Contour
Fishing
Nature Reserve

General

△ Specified Site
△ Specified Buffer(s)
X Bearing Reference Point
□ Map ID

Agency and Hydrological

▨ Source Protection Zone I
▨ Source Protection Zone II
▨ Source Protection Zone III
▨ Zone of Special Interest
■ Source Protection Zone Borehole

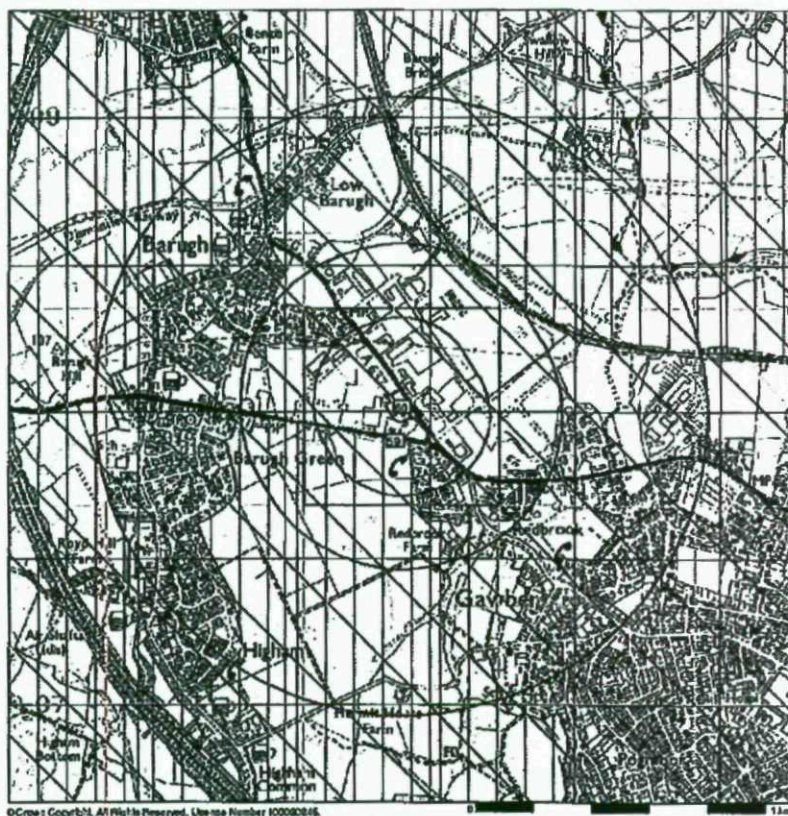
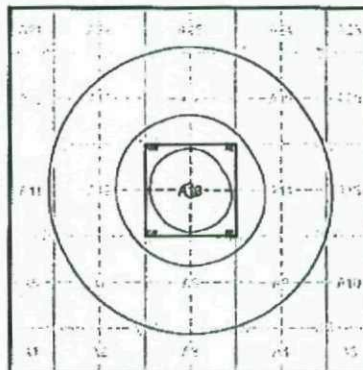
Order Details

Order Number: 20945143_1_1
Customer Ref: 7515
National Grid Reference: 431900, 408010
Sheet: A
Site Area (Ha): 0.7
Search Buffer (m): 1000

Site Details

Barugh Green Road, BARNSELY

Sensitive Land Uses - Slice A



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Background

Footpath
Bridleway
Byway open to all traffic
Road Used as a Public Path
Other routes with Public Access
National Trail or Long Distance Route
Contour
Fishing
Nature Reserve

General

○ Specified Site
○ Specified Buffer(s)
X Bearing Reference Point
Ⓜ Map ID

Sensitive Land Uses

□ Area of Adopted Green Belt
□ Area of Unadopted Green Belt
▨ Area of Outstanding Natural Beauty
▨ Environmentally Sensitive Area
▨ Forest Park

☒ Local Nature Reserve
☒ Marine Nature Reserve
☒ National Nature Reserve
☒ National Park
☒ Nitrate Sensitive Area
☒ Nitrate Vulnerable Zone
☒ Ramsar Site
☒ Site of Special Scientific Interest
☒ Special Area of Conservation
☒ Special Protection Area

Envirocheck[®] Report: Datasheet

Order Details:

Order Number:

20945143_1_1

Customer Reference:

7515

National Grid Reference:

431900, 408010

Sheet:

A

Site Area (Ha):

0.7

Search Buffer (m):

1000

Site Details:

Barugh Green Road
BARNSELY

Client Details:

MS K Mowbray
3e Consulting Engineers Ltd
4 Calder Close
Calder Park
Wakefield
WF4 3BA

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	9
Hazardous Substances	-
Geological	15
Industrial Land Use	17
Sensitive Land Use	19
Data Currency	20
Data Suppliers	24
Useful Contacts	25

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v25.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m ('up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	3	3
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3		3	4	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4	Yes			
Pollution Incidents to Controlled Waters	pg 4			2	12
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 6				2
River Quality Biology Sampling Points	pg 7				1
River Quality Chemistry Sampling Points	pg 7				1
Substantiated Pollution Incident Register					
Water Abstractions	pg 7				(*1)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites	pg 9				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites	pg 9		4	4	5
Registered Landfill Sites	pg 11		1	6	
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 15			1	1
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
Brine Compensation Areas			n/a	n/a	n/a
Coal Mining Affected Areas	pg 15	Yes	n/a	n/a	n/a
Mining Instability	pg 15	Yes	n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes		n/a	n/a
Radon Affected Areas	pg 15	Yes	n/a	n/a	n/a
Radon Protection Measures	pg 15	Yes	n/a	n/a	n/a
Shallow Mining Hazards	pg 16	Yes		n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 17		12	n/a	n/a
Fuel Station Entries	pg 18		1		1

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt	pg 19		1		
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 19	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Powerscreen International Plc Property Type: Undefined Or Other Location: Prism Works, Claycliffe Road, Barugh, Barnsley Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C4750 Permit Version: 2 Effective Date: 21st July 1993 Issued Date: 21st July 1993 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Deame Status: Revised Consent, by Notice (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A13NW (N)	249	1	431800 408300
1	Discharge Consents Operator: Powerscreen International Plc Property Type: Undefined Or Other Location: Prism Works, Claycliffe Road, Barugh, Barnsley Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C4750 Permit Version: 1 Effective Date: 14th August 1987 Issued Date: 14th August 1987 Revocation Date: 20th July 1993 Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of The River Deame Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m	A13NW (N)	249	1	431800 408300
2	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Undefined Or Other Location: Redbrook Road Cso, Redbrook Road, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra8507 Permit Version: 1 Effective Date: 31st March 2005 Issued Date: 31st March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Red Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	316	1	432160 407740
2	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Sewers Location: Redbrook Road, REDBROOK, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Deame Reference: S/UD/51 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 30th June 1993 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge Environment: Unknown Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	317	1	432160 407730



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Sewers Location: Redbrook-Redbrook Road, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Deame Reference: S/UD/51 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 5th June 1983 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	321	1	432150 407725
3	Discharge Consents Operator: Barnsley M.B.C. Property Type: Undefined Or Other Location: Barnsley Metropolitan Borough Council, Leisure And Amenities Depart, Ment Depot, Barugh Lane, Barugh, Green, Barnsley Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C4608 Permit Version: 1 Effective Date: 21st April 1987 Issued Date: 21st April 1987 Revocation Date: 10th December 1993 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6) Positional Accuracy: Located by supplier to within 100m	A12NW (W)	697	1	431200 408300
4	Discharge Consents Operator: Hermit House Farm Property Type: Domestic Property (Single) Location: Hermit House Farm Hermit Lane, Gawber, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra8919 Permit Version: 1 Effective Date: 2nd February 2006 Issued Date: 2nd February 2006 Revocation Date: 2nd February 2018 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	917	1	431970 407048
5	Discharge Consents Operator: Paddock House Property Type: Coal Extraction, Surface Location: Barugh Bridge R. Deame Occs Deame Hall Road, Low Barugh, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra8062 Permit Version: 1 Effective Date: 1st April 2004 Issued Date: 17th November 2003 Revocation Date: 19th July 2005 Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Deame Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18NE (N)	987	1	432200 408990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Local Authority Pollution Prevention and Controls Name: Malcolm Smith Motor Repairs Location: Claycliffe Road, BARNSLEY, South Yorkshire, S75 1HS Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Epa61 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/1 Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revoked Revoked Positional Accuracy: Automatically positioned to the address	A13NE (N)	55	2	431913 408124
6	Local Authority Pollution Prevention and Controls Name: Braithwaite Excavations Ltd Location: Claycliffe Road, Barugh Green, Barnsley, S75 1hs Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/19 Dated: 28th November 2002 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A13NW (N)	69	2	431873 408138
7	Local Authority Pollution Prevention and Controls Name: R C Jones (Motor) Group Location: Claycliffe Road, Barugh, BARNSLEY, South Yorkshire, S75 1HS Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/38 Dated: 20th July 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13NE (E)	66	2	432003 408036
8	Local Authority Pollution Prevention and Controls Name: Compass Engineering Limited Location: Whaley Road, BARUGH GREEN, BARNSLEY, South Yorkshire, S75 1HT Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: PPC/B/57 Dated: 14th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Automatically positioned in the proximity of the address	A18SW (N)	376	2	431887 408446
8	Local Authority Pollution Prevention and Controls Name: Wordsworth Crushing Ltd Location: Whaley Road, Barugh Green, Barnsley, S75 1ht Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/02 Dated: 28th November 2003 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	382	2	431891 408452
8	Local Authority Pollution Prevention and Controls Name: Wordsworth Crushing Ltd Location: Whaley Road, Barugh Green, Barnsley, S75 1HT Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/46 Dated: 29th March 2005 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	393	2	431901 408463
9	Local Authority Pollution Prevention and Controls Name: Pentagon Toyota Location: Barugh Green Road, Barugh Green, BARNSLEY, S75 2RS Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Epa85 Dated: 30th September 1996 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Revoked Positional Accuracy: Manually positioned to the road within the address or location	A12SE (W)	494	2	431357 407990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Local Authority Pollution Prevention and Controls Name: Land Regeneration & Develop Ltd Location: Deame Hall Road, Barugh Bridge, Barnsley, S75 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Not Supplied Dated: 10th August 2004 Process Type: Local Authority Pollution Prevention and Control Description: PG3/5 Coal, coke and coal product processes Status: Authorisation certificate surrendered by operator[Surrendered Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	907	2	431742 408984
	Nearest Surface Water Feature	A13SW (SW)	0	-	431870 407993
11	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: LOW BARUGH Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: No Fish Killed Incident Date: 19th August 1997 Incident Reference: SH970421 Catchment Area: Deame Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	444	1	432400 408000
12	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Footbridge/Footbridge Deame 18 Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 15th November 1991 Incident Reference: 128384 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	471	1	431700 408500
13	Pollution Incidents to Controlled Waters Property Type: Construction/Demolition Location: Footbridge/ Road Bridge B5428 Deame 19 Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 14th February 1990 Incident Reference: 107858 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	A17SE (NW)	558	1	431500 408500
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Medina Way, BARUGH Authority: Environment Agency, North East Region Pollutant: Rubbish Note: Pollution Found; No Fish Killed Incident Date: 21st August 1996 Incident Reference: SH860381 Catchment Area: Deame Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	569	1	431400 408400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Footbridge/Footbridge Deame 18 Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 22nd December 1994 Incident Reference: 153773 Catchment Area: Not Given Receiving Water: Groundwater Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	748	1	432700 407900
16	Pollution Incidents to Controlled Waters Property Type: Mixed Agricultural Location: Redbrook At, Gawber, BARNSELY Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: River Deame; No Fish Killed Incident Date: 10th July 1998 Incident Reference: SH980273 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	787	1	432100 407200
17	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Road Bridge B6428 /, Road Brdg B6131 Deame 20 Authority: Environment Agency, North East Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 18th May 1989 Incident Reference: 100102 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	A18NW (N)	830	1	431900 408900
18	Pollution Incidents to Controlled Waters Property Type: Fire Water Location: In Stretch Of River Deame At, And Below Shaw Carpats Authority: Environment Agency, North East Region Pollutant: Not Given Note: No Fish Killed Incident Date: 11th April 1997 Incident Reference: SH970155 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	835	1	431800 408900
19	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Combined Sewer Overflow Location: BARUGH Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: Fish Killed: No Information Incident Date: 2nd June 1997 Incident Reference: SH970244 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	930	1	431900 409000
20	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Deame Between Darton And Low, BARUGH Authority: Environment Agency, North East Region Pollutant: Sewage - Treated Effluent Note: River Deame; No Fish Killed Incident Date: 4th July 1998 Incident Reference: SH980265 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	935	1	431800 409000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Road Bridge B6428 /, Road Brdg B6131 Deame 20 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 30th August 1991 Incident Reference: 125810 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	A18NW (N)	944	1	431705 408995
21	Pollution Incidents to Controlled Waters Property Type: Coal Location: River Deame Authority: Environment Agency, North East Region Pollutant: Unknown Note: No Fish Killed Incident Date: 27th November 1994 Incident Reference: SH950072 Catchment Area: Deame Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	945	1	431700 408995
21	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Road Bridge B6428 /, / Road Brdg B6131 Deame 20 Authority: Environment Agency, North East Region Pollutant: Mining Water Note: Not Supplied Incident Date: 27th November 1994 Incident Reference: 164591 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	A18NW (N)	950	1	431700 409000
22	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Footbridge/Footbridge Deame 18 Authority: Environment Agency, North East Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 23rd January 1992 Incident Reference: 129906 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	A3NW (S)	962	1	431900 407000
	River Quality Name: River_Deame GOA Grade: River Quality C Reach: Cawthorne_Dyke_New_Lodg Estimated Distance (km): 2 Flow Rate: Flow less than 0.82 cumecs Flow Type: River Year: 2000	A18NW (N)	997	1	431835 408965
	River Quality Name: Cawthorne_Dyke GOA Grade: River Quality C Reach: Silkstone_Beck_River_Deam Estimated Distance (km): 2.1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18NW (N)	990	1	431578 409009

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	River Quality Biology Sampling Points Name: Deame Reach: Cawthorne Dyke To New Lodge Estimated Distance: 2.00 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: Not Supplied 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 C - Fairly Good	A18NW (N)	992	1	431626 409025
24	River Quality Chemistry Sampling Points Name: River Deame Reach: Cawthorne Dyke New Lodge Estimated Distance: 2.00 Objective: River Ecosystem Class 3: Fairly Good Quality Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Marginal Year: 1994 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Compliant Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Compliant Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Significant Failure Year: 1997 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Significant Failure Year: 1998 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Significant Failure Year: 1999 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Marginal Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Compliant Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Compliant Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Compliant Year: 2003 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Marginal Year: 2004 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Marginal	A18NE (N)	835	1	432000 408900
	Water Abstractions Operator: Shaw Carpets Ltd Licence Number: 2/27/08/114 Permit Version: Not Supplied Location: Po Box. 4, Darton, BARNSELY Authority: Environment Agency, North East Region Abstraction: Commercial Use(pubs etc) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 312 Yearly Rate (m3): 85072 Details: Licence Status: Active 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	A22NE (N)	1703	1	431400 409700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers. Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise. Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13SW (SW)	0	1	431850 407930
	Drift Deposits None				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	BGS Recorded Landfill Sites Site Name: Gawber Refuse Tip Location: Withorpe Ln, Gawber, BARNSLEY, South Yorkshire Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Derived	A14SE (E)	871	3	432827 407937
	Local Authority Landfill Coverage Name: Barnsley Metropolitan Borough Council - Has supplied landfill data		0	2	431154 410827
26	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 87 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13SE (SE)	111	2	432037 407905
27	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 84 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NE (NE)	203	2	432098 408144
28	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 81 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NE (NE)	205	2	432108 408131
29	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 160 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NE (E)	250	2	432200 408038
30	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 80 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13SE (E)	291	2	432231 407886



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 61 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12NE (W)	408	2	431460 408123
32	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 87 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A18SE (N)	433	2	431975 408497
33	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 135 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A14SW (E)	485	2	432441 408009
34	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 151 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A18SW (N)	528	2	431765 408583
35	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 4 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A9NW (SE)	533	2	432342 407613
36	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 185 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A14SE (E)	785	2	432742 408001
37	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 165 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A14SE (E)	790	2	432744 407915

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 165 Authority: Bamsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A14NE (E)	926	2	432868 408147
39	Registered Landfill Sites Licence Holder: Bayford Mining Ltd Licence Reference: WD20 B 392 MOD 1 Site Location: South Yorkshire Industrial Estate, Redbrook, Bamsley, South Yorkshire Licence Easting: 432200 Licence Northing: 408000 Operator Location: Pepper Road, LEEDS, West Yorkshire, LS10 2NQ 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/surrendered Cancelled Dated: 1st September 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: Construction And Demolition Wastes Hardcore Road Excavation Waste Soil, Subsoil Prohibited Waste: All Forms Of Asbestos Liquids In Drums/ConT'Rs Over 4l Cap'Y Slurry In Drums/ConT'Rs Over 4l Cap'Y	A13SE (E)	244	1	432200 408000
40	Registered Landfill Sites Licence Holder: Tara Civil Engineering Ltd Licence Reference: WD20 B 390 Site Location: Withorpe Road, Redbrooke, Bamsley, South Yorkshire Licence Easting: 432250 Licence Northing: 407850 Operator Location: High Street, South Elmsall, Pontefract, West Yorkshire Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Cancelled Dated: 1st September 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: Excavated Natural Materials \$ Prohibited Waste: Asbestos Liquid Wastes	A14SW (SE)	322	1	432250 407850



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Registered Landfill Sites Licence Holder: Amco Industries Holdings Ltd Licence Reference: WD20 B 502 MOD 1 Site Location: Whaley Road, Barugh, BARNSELY, South Yorkshire, S75 1HG Licence Easting: 432250 Licence Northing: 408150 Operator Location: As Site Address 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/surrendered Cancelled Dated: 1st March 1986 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: Construction And Demolition Wastes Hardcore And Builders Rubble Road Excavation Waste Soil/Subsoil, Road Sub-Base Materials Prohibited Waste: All Forms Of Asbestos Liq/Slurry In Drums > 4 L Capacity Liquid/Slurry In Drums > 4 L Capacity Putrescible Waste	A14NW (E)	338	1	432250 408150
42	Registered Landfill Sites Licence Holder: Amco Industrial Holdings Ltd Licence Reference: WD20 B 375 Site Location: Whaley Road, Barugh, Barnsley, South Yorkshire Licence Easting: 432250 Licence Northing: 408250 Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Cancelled Dated: 1st April 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: Construction And Demolition Wastes Excavated Natural Materials Prohibited Waste: Asbestos Liquids In Containers Over 4l Cap. Slurry In Containers Over 4l Cap.	A14NW (NE)	390	1	432250 408250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Registered Landfill Sites Licence Holder: Autogel Ltd Licence Reference: WD20 B1050 MOD 1 Site Location: Whaley Road (East Of), Barugh Green, BARNLEY, South Yorkshire, S75 1JF Licence Easting: 432400 Licence Northing: 408000 Operator Location: Bence Lane, Darton, BARNLEY, South Yorkshire, S75 6PA 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 has completion certificate Surrendered Dated: 11th March 1994 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: Inert Non-Combust Constr'n/Demol.Waste Max.Waste Permitted By Licence Prohibited Waste: Any Other Biodegradable Waste Asbestos In Any Form Paper Plasterboard Putrescible Waste Timber Waste N.O.S.	A14SW (E)	444	1	432400 408000
44	Registered Landfill Sites Licence Holder: R & J Masters Ltd Licence Reference: WD20 B 559 Site Location: Barugh Green Road, Barugh Green, Barnsley, South Yorkshire Licence Easting: 431420 Licence Northing: 408200 Operator Location: Redbrook Road, BARNLEY, South Yorkshire, S75 2RS Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Cancelled Dated: 1st July 1987 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: Inert,Excavation Waste Soil/Subsoil Solid,Non-Haz. Constr'n/Demol. Waste Prohibited Waste: All Forms Of Asbestos Liq/Slurry In Drums/Cont'Rs > 4l Cap Poisonous, Noxious, Polluting Wastes	A12NE (W)	456	1	431420 408200



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Registered Landfill Sites Licence Holder: C Langfield Licence Reference: WD20 B 488 MOD 2 Site Location: Claycliffe Road Industrial Estate, Barugh Green, Barnsley, South Yorkshire Licence Easting: 431950 Licence Northing: 408550 Operator Location: 3 The Balk, Stancross, BARNSELY, South Yorkshire, S75 6JG 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 revoked/Revoked Dated: 21st October 1985 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: Asphalt/Cold Millings From Road Excav. Construction And Demolition Wastes Excavated Natural Materials & Hardcore And Rubble Prohibited Waste: Asbestos Liquids In Containers Over 4l Cap. Slurry In Containers Over 4l Cap.	A18SE (N)	482	1	431950 408550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	BGS Recorded Mineral Sites Site Name: Whalley Road Occs Location: Gawber, Bamsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 205 Type: Opencast Status: Ceased Operator: Autogel Operator Location: 76 Doncaster Road, Bamsley, South Yorkshire, S70 1tw Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	389	3	432300 407800
47	BGS Recorded Mineral Sites Site Name: Redbrook Mine Location: Bamsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 187 Type: Underground Status: Ceased Operator: British Coal - N Yorkshire Area Operator Location: Po Box 13, Allerton Bywater, Castleford, West Yorkshire, WF10 2ai Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 100m	A14SE (E)	947	3	432900 407900
	BGS 1:625,000 Solid Geology Description: Lower Westphalian (mainly Productive Coal Measures)	(NE)	0	3	434868 410712
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	(SW)	0	4	425000 397000
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	(W)	0	-	424500 408000
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NW (E)	0	3	432325 408025
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	432175 407750
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14NW (E)	0	3	432325 408025
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	3	431775 408200
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	165	3	431775 408200
	Radon Affected Areas Description: Between 1% and 3% of homes are above the Action Level Source: Health Protection Agency	A13SW (S)	0	5	431901 408000
	Radon Affected Areas Description: Between 1% and 3% of homes are above the Action Level Source: Health Protection Agency	A13SW (S)	0	5	431901 408000
	Radon Protection Measures Type: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	0	3	431827 407594

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Shallow Mining Hazards Risk: Low-Moderate Source: British Geological Survey, National Geoscience Information Service	ASNE (S)	0	3	432052 407636

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	Contemporary Trade Directory Entries Name: Mike Tinker Motor Bodies Location: Claycliffe Rd, Barnsley, South Yorkshire, S75 1HS Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	6	-	431914 408062
49	Contemporary Trade Directory Entries Name: Malcolm Smith Motor Repairs Location: Claycliffe Road, Barnsley, South Yorkshire, S75 1HS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	55	-	431913 408124
49	Contemporary Trade Directory Entries Name: N & S Moorhouse Location: Cress Grange Garage, Claycliffe Road, BARNSELY, South Yorkshire, S75 1HS Classification: Agricultural Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	55	-	431913 408124
49	Contemporary Trade Directory Entries Name: Vauxhall Motors Location: Claycliffe Rd, Barnsley, South Yorkshire, S75 1HS Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (N)	55	-	431875 408122
50	Contemporary Trade Directory Entries Name: E B Equipment Ltd Location: Barugh Green Road, Barnsley, South Yorkshire, S75 1HR Classification: Agricultural Machinery - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (W)	76	-	431788 407976
51	Contemporary Trade Directory Entries Name: Barnsley Honda Location: Whaley Road, BARNSELY, South Yorkshire, S75 1HT Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (E)	159	-	432112 408020
52	Contemporary Trade Directory Entries Name: Pentagon Toyota Location: Barugh Green Road, Barnsley, South Yorkshire, S75 1HH Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13SE (SE)	161	-	432028 407834
52	Contemporary Trade Directory Entries Name: Tap Freight Location: Unit 18 Barugh Green Rd, Barnsley, South Yorkshire, S75 1HH Classification: Road Haulage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	170	-	432065 407850
53	Contemporary Trade Directory Entries Name: Egan Bros Location: South Yorkshire Ind Est, Whaley Rd, Barnsley, South Yorkshire, S75 1HT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	206	-	432034 408228
54	Contemporary Trade Directory Entries Name: Jones R C Motorbodies Ltd Location: Accident Repair Centre, Claycliffe Rd, Barnsley, South Yorkshire, S75 1HS Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	211	-	431772 408250
55	Contemporary Trade Directory Entries Name: Print City Location: Unit A, Zenith Park, Whaley Road, Barnsley, South Yorkshire, S75 1HT Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	225	-	432180 407955

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	Contemporary Trade Directory Entries Name: Gamak Motors Ltd Location: Unit 2, Claycliffe Business Park, Claycliffe Road, Barugh Green, Barnsley, South Yorkshire, S75 1JU Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	246	-	431843 408182
57	Fuel Station Entries Name: Claycliffe Motors Ltd Location: Claycliffe Road, A365, Redbrook,, BARNSELY, South Yorkshire, S75 1HS Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	38	-	431841 407938
58	Fuel Station Entries Name: Withorpe Service Station Location: Withorpe Road, BARNSELY, South Yorkshire, S75 1JA Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A14SW (SE)	605	-	432497 407710



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Areas of Adopted Green Belt Authority: Barnsley Metropolitan Borough Council, Planning Department Plan Name: Barnsley Unitary Development Plan Status: Adopted Plan Date: 31st December 2000	A13SW (S)	63	6	431880 407902
60	Nitrate Vulnerable Zones Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	(W)	0	7	425000 408015

APPENDIX C
Coal Authority Report

Issued by:

The Coal Authority, Mining Reports Office, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire NG18 4RG
On-Line Service: www.coalminingreports.co.uk - Phone: 0845 762 6848 - DX 716176 MANSFIELD 5

3E CONSULTING ENGINEERS LTD,
4 CALDER CLOSE,
CALDER PARK,
WAKEFIELD,
WF2 7AU

Person dealing with this matter:

Darren Moody

Our reference:

00012743-07

Your reference:

7515 2CA001 PKM

Electronic Ref:

RRUID:

007.00016265460001

Date of your enquiry:

08 February 2007

Date we received your enquiry:

09 February 2007

Date of Issue:

09 February 2007

This report is for the property described in the address below and the attached plan.

Coal and Brine Report

Land At, Claycliffe Road, Barnsley, South Yorkshire

This report is based on and limited to the records held by, the Coal Authority, and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Coal mining	Yes
Brine extraction	No

Information from the Coal Authority

Underground Coal Mining

Past

The property is in the likely zone of influence from workings in 6 seams of coal at 50m to 340m depth, and last worked in 1980.

Any ground movement from these coal workings should have stopped by now.

Present

The property is not in the likely zone of influence of any present underground coal workings.

Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

The property is not in an area for which a licence has been granted to remove coal using underground methods.

The property is not in an area that is likely to be affected at the surface from any planned future workings.

However reserves of coal exist in the local area which could be worked at some time in the future.

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

Records may be incomplete. Consequently, there may exist in the local area mine entries of which the Coal Authority has no knowledge.

Coal-mining geology

At the surface, there are no known faults or other lines of weakness due to coal mining that have made the property unstable.

Opencast Coal Mining

Past

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

Present

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

Future

The property is not within 800 metres of the boundary of an opencast site for which the Coal Authority is determining whether to grant a licence to remove coal by opencast methods.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

Coal-mining subsidence

The Coal Authority has not received a damage notice or claim for the property since 1 January 1984.

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

The Coal Authority has not received a request to carry out preventive work before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Authority, following the reporting of an alleged coal mining related hazard under its Emergency Surface Hazard Call Out procedures.

Withdrawal of Support

The property is in an area for which notices of entitlement to withdraw support were published in 1948, 1956, 1977, 1987.

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

Working Facilities Orders

The property is not in an area for which an Order has been made under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

Payments to Owners of Former Copyhold Land

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

Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Additional remarks

This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions 2006. The report is compliant with Home Information Pack requirements.

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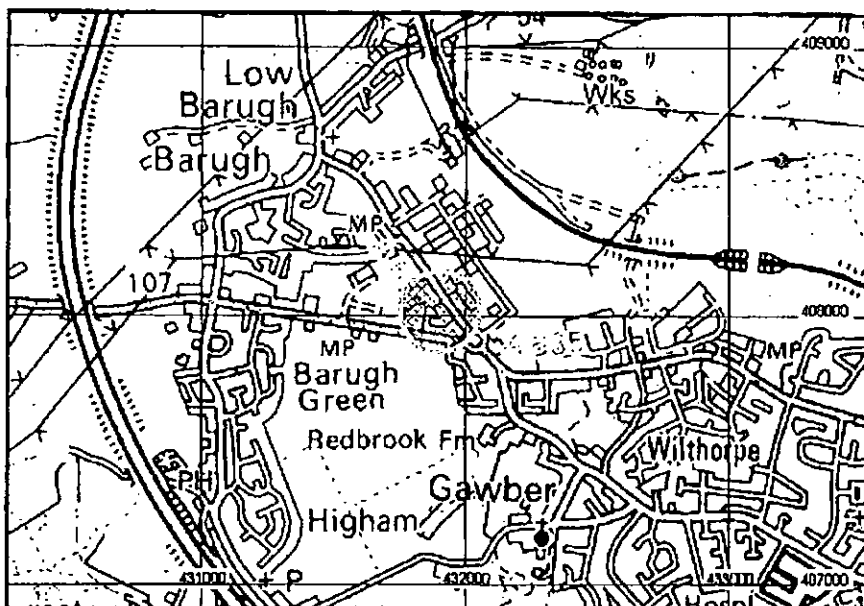
Ordnance Survey (OS) has carried out a Positional Accuracy Improvement Programme to make sure that the maps it produces are accurate. We have no control over who is using the improved information. In some cases, the position of surface features and mining features on the map may change because of this programme. We will update our database in line with Ordnance Survey's improved maps. However, at the moment we are producing mining reports using Ordnance Survey's maps from before the improvement programme.

Issued by:	The Coal Authority, 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG
Date:	09 Feb 2007
Ground stability report at:	Land At, Claycliffe Road, Barnsley, South Yorkshire
Reference number:	00012743-07
Cost:	£42.56
Plus VAT:	£7.44
Total received:	£50.00
VAT registration number:	598 5850 68

Location map



Approximate
position
of property



Enquiry boundary

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Key

Approximate position of enquiry boundary shown

