

Churchfield Lane, Darton, Barnsley

Desk Study Report

Morgan Ashurst PLC

Solmek Report Number S80821

September 2008

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Status	Date	Prepared by	Checked by
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Churchfield Lane, Darton, Barnsley

Desk Study Report

1 INTRODUCTION AND SCOPE OF WORKS

- 1.1 Solmek were instructed by Paul Jennings of WSP on behalf of Morgan Ashurst PLC to undertake a desk study on a parcel of land at the eastern end of Churchfield Lane, Darton, Barnsley.
- 1.2 The following steps may be required in the investigation and remediation of potentially contaminated land:
- Phase 1: Desk Study
 - Phase 2: Intrusive Investigation
 - Phase 3: Remediation Statement
 - Phase 4: Validation Reports
- 1.3 Phases 1 and 2 are generally required in the redevelopment of most sites. Phases 3 and 4 are subject to the findings of the initial stages. This report represents Phase 1 of the site investigation.
- 1.4 The purpose of this desk study is to evaluate the ground conditions of the site based on existing information and to plan the scope of the subsequent investigation. The objectives and planned outcomes of the desk study are:
- to assess the impact of local authority guidance on the investigation
 - to identify existing features on and near the site
 - to evaluate the historical and environmental setting of the site
 - to assess the likelihood of finding contamination, its nature and extent
 - to identify associated key contaminants
 - to identify sensitive receptors and define source – pathway – receptor relationships (conceptual model)
 - to identify relevant geotechnical parameters
 - to assess any potential sources of ground gas
 - to refine the design and scope of the proposed intrusive investigation (if necessary)
 - to identify constraints to the investigation, i.e. site access and health and safety considerations
- 1.5 This assessment has been undertaken with due regard to contaminated land guidance, issued by the Royal Institution of Chartered Surveyors (RICS) and BS 10175: 2001, "Code of Practice for the Investigation of Potentially Contaminated Land". Selected elements of BS 5930: 1999, "Code of Practice for Site Investigations" has also been included.

2 REGULATORY AND PLANNING CONTEXT

- 2.1 The Town and Country Planning Regime is the principal means by which contamination is dealt with by the Local Authority. Contaminated land is a material planning consideration and contamination assessments are required on land that may be potentially contaminated.
- 2.2 The Buildings Regulations (2000) also state that "precautions shall be taken to avoid danger to health and safety caused by substances found on or in the ground covered by the building". A site investigation is frequently required to satisfy the requirements of building control.

3 SITE DESCRIPTION

- 3.1 The preliminary site inspection, as recommended in BS 5930 and BS 10175, was undertaken on Tuesday 2nd September 2008. The site lies at the junction of Huddersfield Road and Churchfield Lane in Darton located to the north west of the centre of Barnsley. The site lies on approximate Ordnance Survey Co-ordinates 430940E, 409880N and covers approximately 0.38Ha. Location maps and selected plates are presented in Appendix 1.
- 3.2 The site forms a triangular area comprising council offices and the surrounding grounds. At the time of the walkover the council offices were still in use. The offices are housed within a two storey masonry structure with a period entrance way (Plate 1). The building is initially surrounded by a relatively level area of tarmac hardstanding. The land to the rear of the building rises up towards the southern boundary. A stone retaining wall extends along the eastern side of the offices from ground level to a height of approximately 2m then passes behind the building. A set of steps is located along the western side of the offices leading down to a boiler room below ground level (Plate 4).
- 3.3 The raised land to the rear of the offices comprises a mixture of overgrown grasses, nettles, weeds, bushes (including blackberry and hawthorn) and trees. The tree species varied from Apple, Maple, Ash and Sycamore. A two storey disused house lies within this area (Plate 2); this has boarded up windows and doors with graffiti on the external walls. An area of concrete surrounds the house and broken glass was evident on this surface. The house is accessed from a stretch of tarmac leading behind the offices and from a series of garages located along the western boundary (Plate 3).
- 3.4 A row of trees is situated along the edge of the tarmac hard cover to the north of the offices. An area of grass lies beyond the line of trees and extends towards Huddersfield Road and the eastern boundary.
- 3.5 Churchfield Lane slopes down from the west to east along the southern boundary. A bus shelter and disused public toilet block are located along the pavement. Sandstone rockhead exposures were noted along the southern boundary (Plate 6); this extends approximately 2.5 and 3.0m from pavement level. Land to the south of Churchfield Lane consists of residential areas. Huddersfield Road lies to the north and further housing is located to the west adjacent to the M1 motorway.
- 3.6 The site is accessed from Churchfield Lane in the east of the site.

4 SITE HISTORY

- 4.1 In order to determine the history of the site, previous editions of Historical Maps and Ordnance Survey Plans were inspected. Selected map extracts are presented in Appendix 2.
- 4.2 Table 1 presents a summary of the history of the site from 1854-1855 to 2008. The summary focuses on the historical land uses and changes relevant to the site and the proposed end use.

OS MAP	SCALE	ON SITE FEATURES	OFF SITE FEATURES
1854-1855	1:10,560	The site appears to lie undeveloped.	To the immediate south is a sandstone quarry, with the village of Darton to the north east. The River Dearne lies approx. 350m east of the site, just beyond is a railway line.
1893	1:2,500	The site contains a building to	Extent of the quarry to the south can be

		the south labelled as 'Rock Cottage'.	seen, which is now labelled as old quarry. The Rose & Crown Inn is present to the immediate east of the site. The area 400m to the south east is labelled as 'liable to floods'.
1918	1:2,500	Part of the outline of the old quarry encroaches part of the southern boundary.	New housing is located to the south east and north east. A brewery is sited approx. 180m to the north east. Darton Main Colliery can be seen approx. 320m north west of the site.
1938	1:10,560	Two structures have been built to the north and west of the site; however the land use is unclear.	Buildings to the immediate west of the site are named as part of a hospital. Further to the west is new housing. Darton Main Colliery has been extended. Woolley Colliery is visible over 1km to the north, with Darton Colliery over 1km to the east.
1955-1956	1:10,560	No changes noted to the site.	Darton Main Colliery and Darton Colliery are now disused.
1961-1962	1:2,500	Building to the north of the site is named as council offices, although it is not clear if this is a new structure or the one noted on 1938 edition. The footprint of another structure (possible detached house) is visible just south east of council office. The Rock Cottage has been split into two semi-detached houses with a lavatory labelled to the east.	Hospital buildings to the immediate west have now become residential housing. Works are shown on the site of the former Darton Main Colliery. The brewery to the north east is re-labelled as works.
1970	1:2,500	Semi-detached houses to the south have been removed. A new structure is shown to the west, inferred as an outbuilding of the council offices which have been extended to the south. The lavatory is now called a public convenience.	The surrounding road network has been changed, with the M1 present approx. 40m west. Huddersfield Road to the north has been altered with an embankment now shown. New housing is noted to the south.
1983	1:10,000	No changes noted to the site.	Factory shown to east.
1993	1:1,250	No changes noted to the site.	Housing has been constructed on the site of the former sandstone quarry to the south.
2008	1:10,000	No changes.	No obvious changes noted.

TABLE 1: SUMMARY OF THE SITE HISTORY

- 4.3 The site was initially undeveloped, with Rock Cottage constructed before 1893. Two additional structures, inferred as the council offices were built by 1938. Since then Rock Cottage was split into two terraced house and subsequently demolished by 1970. A public lavatory has been located to the south of the site.
- 4.4 The immediate surrounding land has seen residential and industrial activity over time. A sandstone quarry was located to the immediate south, a section of which has encroached the southern site boundary. Housing has been constructed to the south, with road networks and earthworks which have taken place to the north and west for construction of the M1. A number of collieries were noted in the vicinity.

5 ENVIRONMENTAL CONTEXT

- 5.1 The services of Envirocheck were used to establish the pertinent environmental records relating to the site. This information, which is presented in Appendix 3, replaces much of the information traditionally provided by the Environment Agency. Selected relevant information is summarised as follows. Measurements are taken from the centre of the two sites and all distances quoted are approximate.

Landfill and Waste

- 5.2 There are no sites registered as dealing with waste within 750m of the site.

Regulated Industries

- 5.3 There are no operational sites listed under Integrated Pollution Controls (IPC), Integrated Pollution Prevention and Controls (IPPC), Planning Hazardous Substance Consents, Notification of Installations Handling Hazardous Substances (NIHHS) or Registered Radioactive Substances.

- 5.4 There is one site located 558m to the east registered under the Control of Major Accident Hazards Sites (COMAH). The company is Stiller Group Northern Ltd.

Air

- 5.5 There are four active listings under Local Authority Prevention and Controls, with one specifically for Air Pollution Controls within 1km. The air pollution control refers to a petrol filling station 206m south east.

Industrial Land Use

- 5.6 The Envirocheck Report identifies current industrial land use named as contemporary trade directory entries. There are a number of entries within 1km of the site. The closest active site is 146m to the south west for ironing and home laundry services. For further details see the Envirocheck Report, Appendix 3.

- 5.7 According to the Envirocheck Report; PB Engineering Services was present on site within the council offices. The current status is inactive.

Environmentally Sensitive Areas

- 5.8 There are no sensitive areas such as Areas of Adopted Green Belt, National Parks, Nature Reserves, National Parks, S.S.S.I. (Sites of Special Scientific Interest), or Ramsar Sites within 1km of the site.

- 5.9 The site lies within a Nitrate Vulnerable Zones for surface water as designated by DEFRA. The site is also part of Adopted Green Belt; however given the site is classed as a brownfield development this is unlikely to pose a problem with planning issues.

6 GEOLOGY, GROUNDWATER & SURFACE WATER

Geology

- 6.1 Inspection of British Geological Survey Sheet 87 Barnsley (1:50,000 Series: Solid and Drift Edition) was undertaken. Drift deposits are not depicted and are likely to be very thin and composed of sandy clay. The site lies on solid geology of Carboniferous Middle Coal Measures. A number of faults are shown over 400m to the north west of the site.

- 6.2 The Haigh Moor, Flockton Thick and Fenton coal seams shown to sub crop to the south west. All are conjectured to dip beneath the site, and the dip of strata is shown down to the north east as 1 in 18.

Geological Hazards

- 6.3 The Envirocheck Report states that no hazard is posed by collapsible ground, compressible ground, running sand, shrinking/swelling clay and ground dissolution subsidence. Landside is shown to pose a very low hazard. For full details see the Envirocheck Report (Appendix 3).

Radon Risk

- 6.4 The Envirocheck Report states that between 1 and 3% of the homes are above the radon action level. The report states that no radon protective measures are necessary in the construction of new dwellings or extensions.

Mining Situation

- 6.5 The Envirocheck Report states that the site is in an area that may be affected by coal mining. A coal mining report was sourced from the David Bellis Consulting Surveyors dated 29th August 2008 and is presented in Appendix 4. The report states the property is in the likely zone of influence of two known worked coal seams between 126mbgl and 176mbgl. The shallowest seam is the Flockton Thick and has a section of 52cm.

- 6.6 There are no shafts or adits within 20m of the property. There is no evidence of coal mining related subsidence claims in relation to the property in the past 10 years. The report concludes old workings are present but all settlement is likely to have completed long ago.

Ground and Surface Water

- 6.7 The Environment Agency classifies the underlying solid geology beneath the site as a minor aquifer. 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 abstraction, they are important for local quantities of water abstraction, they are important for local supplies and in supplying base flow to rivers.
- 6.8 The Envirocheck Report classifies the soils in the area as having a high leaching potential.
- 6.9 The nearest surface water feature, River Dearne, lies 238m to the north east.
- 6.10 There are a number of discharge consents within 1km of the site, generally relate to sewage discharge due to storm overflow. The nearest valid consent lies 311m to the north east, for storm overflow into the River Dearne.
- 6.11 There is one water abstraction licence held within 1km of the site, located 455m east at Shaw Carpets Ltd. Water may be extracted from groundwater at a daily rate of 312m³.
- 6.12 There have been a number of pollution incidents to controlled waters within 1km. The majority of the incidents have been classified as Category 3 - minor incidents. The nearest incident, 228m north east, was a Category 3 - minor incident. The incident took place July 1989 and pollutant was industrial effluent.

Flooding

- 6.13 According to the Envirocheck Report the site has not previously been affected by flooding or extreme flooding. However, extreme flooding has taken place 74m north of the site. It is

advised the Environment Agency is contacted with regards to flooding frequency and intensity in the area.

7 PRELIMINARY GEOTECHNICAL ASSESSMENT

Relict Foundations and Made Ground

- 7.1 Given the site history, areas of made ground are expected around the site. Made ground materials are likely to comprise construction waste from previous buildings on site. There is a boiler house/basement present so ash could be present. Waste from the old sandstone quarry to the south of the site is also a possibility. Relict foundations could be encountered, especially to the south where Rock Cottage once stood.

Foundation Assessment

- 7.2 Foundations for the development on the site are likely to be traditional shallow strip footings, or deeper strips depending on the depth of made ground encountered. If rockhead is shallow footings could be placed directly onto solid geology. However a full assessment cannot be undertaken until a Phase 2 Intrusive Investigation has been carried out.

Excavations and Groundwater

- 7.3 The site is likely to be underlain by thin drift deposits of sandy clay. It is considered likely that excavations above rock head should be easily achievable by means of a normal excavator; however a breaker will be required given some of the site is surfaced with tarmac and concrete.
- 7.4 There is no evidence to suggest that groundwater will be encountered at relatively shallow depth; however groundwater levels vary with season and rainfall influences.

Mining

- 7.5 The mining report presented in Appendix 4 states the property is in the likely zone of influence of two known worked coal seams between 126mbgl and 176mbgl. The shallowest seam is the Flockton Thick and has a section of 52cm. The report concludes old workings are present but all settlement is likely to have completed long ago.

8 PRELIMINARY CONTAMINATION ASSESSMENT

- 8.1 The desk study has revealed that the site has **potentially** been exposed to contamination from previous building activity on site and in the immediate surrounding areas. An engineering services was located within the council offices on site, therefore waste in the form of metals could be present. There was a boiler house under the office and potential oil spillage may be present. The potential contaminants cannot be identified without an intrusive investigation, although likely materials include possible quarry waste and rubble within a gravel or clay fill.
- 8.2 The proposed development of the site is expected to comprise residential housing with gardens as soft landscaping and access roads/driveways as hardstanding. This type of land use is considered sensitive to contaminated given the end users are expected to include infant receptors.
- 8.3 It is recommended that a general screen of contaminants should be tested for during a site investigation, along with organic compounds such as Polyaromatic Hydrocarbons (PAH) and Total Petroleum Hydrocarbons (TPH) along with asbestos to confirm whether there is any contamination that may affect human health or vegetation. The testing should be based on

guidance in CLR Report 8 "*Potential Contaminants for the assessment of Land*". This includes:

- **a range of metals** - produced by a variety of industrial processes, and typically found in made ground
- **arsenic and sulphates** – elevated levels typically from made ground sources, however also can be naturally occurring
- **organics** – TPH and PAH found typically from previous roads
- **asbestos** – frequently found in demolition rubble, older buildings and sheet roofing

Potential Hazards from Ground Gases

8.4 Ground gases such as carbon dioxide and methane can be classed as a form of contamination. Potential sources of ground gases include:

- Made Ground
- Infilled Ponds
- Underlying Natural Strata (alluvial peat and chalk)
- Petrol re-fuelling sites (which also includes Volatile Organic Compounds)
- Landfill (on and off-site)
- Coal measures

8.5 Based on historical map evidence and consideration of the sites environmental setting, a preliminary comparison of *consequence* against *probability* has been made where ground gas is considered a potential threat to human health.

8.6 The assessment was made based on CIRIA Report C665 where the classification of probability of **low likelihood** applies to the site. The site has seen some development throughout the historical maps. Ground gas from buried made ground and the nearby former quarry are the most likely sources of potential gas. Residual ground vapours from underlying coal measures cannot be ruled out.

8.7 Given the sites end use is by the public a **medium** classification of consequence has been assumed for the site in question. Therefore the site is at a **low/moderate risk** from ground gases. It would therefore be prudent to carry out full intrusive works to justify the above assumptions; this would give the site a risk classification based on the recommendations given in CIRIA Report C665.

9 PHASE TWO – INTRUSIVE INVESTIGATION WORK

9.1 Based on the information collated in this desk study a Phase Two intrusive investigation is recommended. The investigation for the site should comprise a series of small percussive boreholes, to depths of up to 5m. The boreholes should be situated within the footprint of new development. Boreholes may need to be extended if poor ground conditions are encountered.

9.2 Due to the possible presence of fill materials beneath the site and nearby former quarry, gas/groundwater monitoring pipes should be installed in a minimum of three boreholes (in accordance with C665) to access the shallow ground gas and water levels beneath the site. At least three monitoring visits will be required. However, if high or variable concentrations of ground gases are recorded, an extended period of monitoring maybe necessary.

9.3 Samples from the boreholes should be subject to a series of both geotechnical and chemical contamination analysis.

9.4 Site investigations are designed according to the type of development, the requirements of the client, and recommendations in BS 5930 and BS 10175.

10 PRELIMINARY CONCEPTUAL MODEL AND RISK ASSESSMENT

- 10.1 The conceptual model (Table 2) collates the salient aspects of the site to form a model which should enable comparison after fieldwork and testing. This model identifies the **potential** pollution linkages that may influence the proposed development and geotechnical considerations. The risk ratings are based on the current potential liabilities and likely potential future liabilities. This should not be used as a guide to the cost of addressing site specific ground issues. The risks posed by the geotechnical and contamination aspects of the site will be revised following site works, and any mitigating action required added.

PRELIMINARY CONTAMINATION ASSESSMENT					
SOURCES	DETAILS	RECEPTORS	PATHWAYS	DETAILS	RISK RATING
Potential contamination in the made ground	Possible sources include: Possible contamination as ash beneath the tarmac. Oil spillage in boiler house/cellar.	Users of site (once development is complete)	Dermal absorption	Proposed housing development expected to include soft landscaping.	LOW-MOD
			Inhalation of soil/volatilised compounds		
			Ingestion of soil		
			Contact with contaminated groundwater		
	Quarry waste and construction waste within a clay fill.	Construction workers and users of site during construction	Ground gas from vertical and horizontal migration	Ingress and accumulation into structures.	LOW-MOD (C665)
			Dermal absorption	Contact with made ground and groundwater during ground works	LOW-MOD
	Residual contamination from solid geology.	Users of surrounding sites	Inhalation of soil/volatilised compounds	Contact with dust during construction	LOW-MOD
			Ingestion of soil		
	Vegetation	Vegetation	Dermal absorption	Contact with wind blown dust during Construction.	LOW-MOD
			Inhalation of soil/volatilised compounds		
	Groundwater	Groundwater	Ingestion of soil	Soft landscaping expected.	LOW-MOD
			Uptake via roots and leaf surfaces		
	Surface Water	Surface Water	Slow seepage or leaching of contaminants	Minor Aquifer, thin drift deposits expected.	LOW
Accumulation of contaminated sediments			River Dearne lies 238m north east. Nearest abstraction 455m east.	LOW	
Construction Materials	Construction Materials	Direct contact	Relict foundations possible to the south of the site.	LOW-MOD	
PRELIMINARY GEOTECHNICAL ASSESSMENT					
FACTOR	ON SITE DESCRIPTION				RISK RATING
MADE GROUND	Potential made ground expected as quarry and construction waste within a clay fill. Cellar present.				LOW-MOD
NATURAL SOILS	Very thin likely composed of sandy clay.				LOW
SOLID GEOLOGY	Carboniferous Middle Coal Measures (sandstone).				LOW
MINING	Site located within a coal mining area. Shallowest worked seam				LOW

	126mbgl, section 52cm. Mining report concludes old workings present but all settlement completed long ago.	
GROUND GAS	No radon protection measures required. Ground gas assessment is recommended.	LOW-MOD
SUBSIDENCE /GROUND STABILITY	Long term instability not expected.	LOW
TABLE 2: PRELIMINARY CONCEPTUAL MODEL AND RISK ASSESSMENT		

11 CONCLUSIONS & RECOMMENDATIONS

- 11.1 The results of the desk study are presented in this report and Solmek can comment as follows:

Existing Features on and Near the Site

- 11.2 The site forms a triangular area comprising council offices and the surrounding grounds. At the time of the walkover the council offices were still in use. The offices are housed within a two storey masonry structure with a period entrance way (Plate 1). The building is initially surrounded by a relatively level area of tarmac hardstanding. The land to the rear of the building rises up towards the southern boundary. A stone retaining wall extends along the eastern side of the offices from ground level to a height of approximately 2m then passes behind the building. A set of steps is located along the western side of the offices leading down to a boiler room below ground level.
- 11.3 The raised land to the rear of the offices comprises a mixture of overgrown grasses, nettles, weeds, bushes (including blackberry and hawthorn) and trees. The tree species varied from Apple, Maple, Ash and Sycamore. A two storey disused house lies within this area; this has boarded up windows and doors with graffiti on the external walls. An area of concrete surrounds the house and broken glass was evident on this surface. The house is accessed from a stretch of tarmac leading behind the offices and from a series of garages located along the western boundary.

Historical and Environmental Setting

- 11.4 The site was initially undeveloped, with Rock Cottage constructed before 1893. Two additional structures, inferred as the council offices were built by 1938. Since then Rock Cottage was split into two terraced house and subsequently demolished by 1970. A public lavatory has been located to the south of the site.
- 11.5 The immediate surrounding land has seen residential and industrial activity over time. A sandstone quarry was located to the immediate south, a section of which encroached the southern site boundary. Housing has been constructed to the south, with road networks and earthworks which have taken place to the north and west for construction of the M1. A number of collieries were noted in the vicinity.
- 11.6 The site is likely to be underlain by very thin drift deposits of sandy clay with the solid geology beneath comprising mudstone, sandstone and shale of the Middle Coal Measures.
- 11.7 Radon protection measures are not required.

Impact of Local Authority Guidance

- 11.8 Although the site is unlikely to be considered contaminated with regards to Part IIA of the Environmental Protection Act (1990) and the local authorities contaminated land strategy, the contamination status of the site will be considered as part of the planning process to ensure the site is suitable for use.

Likelihood of Finding Contamination, its Nature and Extent and Key Contaminants

- 11.9 Based on the site walkover, and evidence compiled from the historic maps and Envirocheck Report, the site has potentially be exposed to minor contamination. Made ground is likely beneath the tarmac/concrete to the west of the site.

Source – Pathway – Receptor Relationships

- 11.10 Pathways (as detailed in the conceptual model) may exist between the potential contamination in the made ground and human health, vegetation, construction materials and water. The site investigation will provide information to assess these pathways and the risks posed.

Geotechnical Considerations

- 11.11 The proposed development of the site is expected to comprise residential housing, with gardens as soft landscaping and access roads/driveways as hardstanding. It would be prudent to undertake an intrusive investigation to establish the ground conditions and provide the bearing capacities of the underlying stratum to assist in foundation design for the proposed developments.

Intrusive Investigation

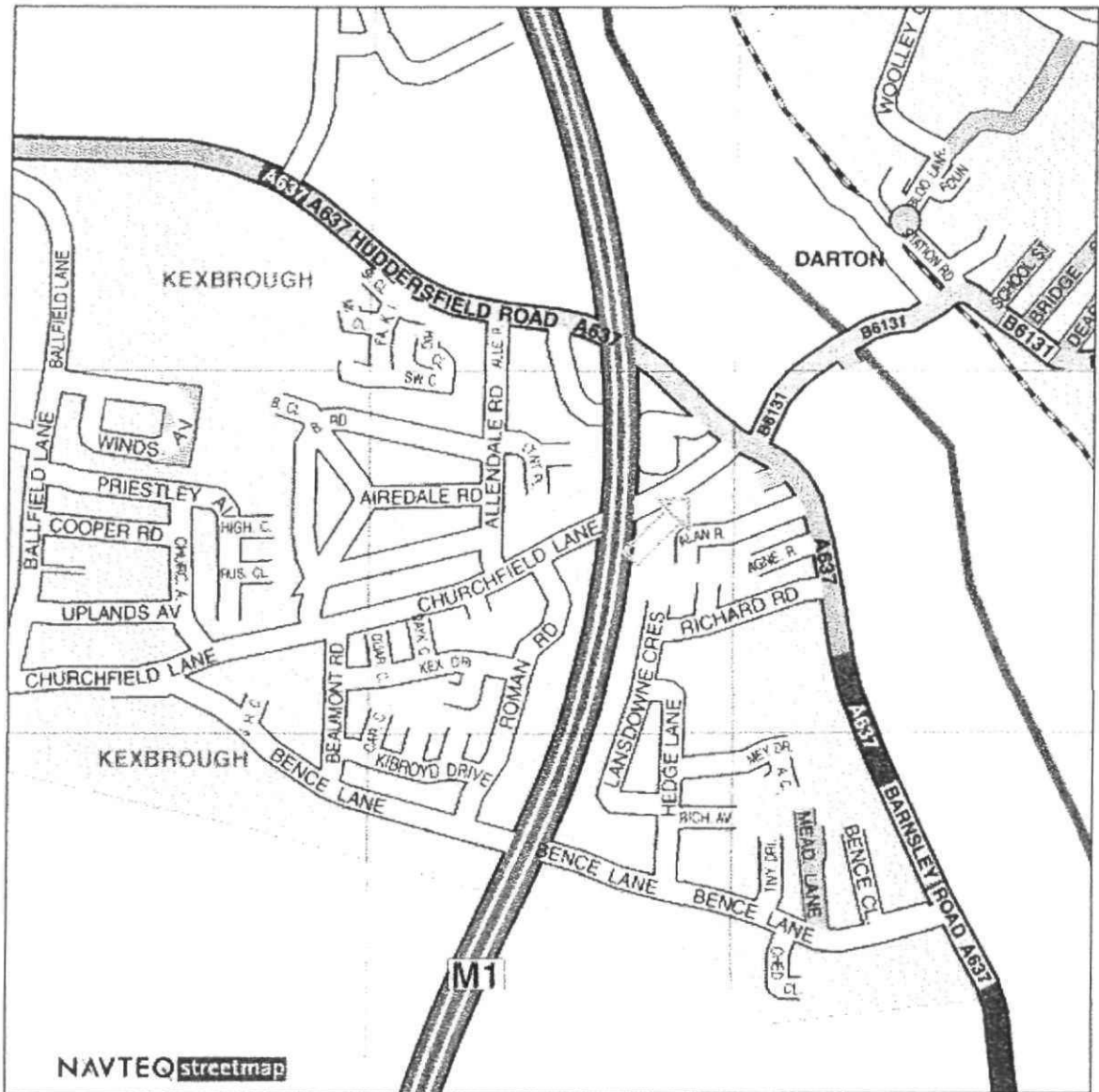
- 11.12 Based on the information collated in this desk study a Phase Two intrusive investigation is recommended. The investigation for the site should comprise a series of small percussive boreholes, to depths of up to 5m. The boreholes should be situated within the footprint of new development. Boreholes may need to be extended if poor ground conditions are encountered.
- 11.13 Due to the possible presence of fill materials beneath the site and nearby former quarry, gas/groundwater monitoring pipes should be installed in a minimum of three boreholes (in accordance with C665) to access the shallow ground gas and water levels beneath the site. At least three monitoring visits will be required. However, if high or variable concentrations of ground gases are recorded, an extended period of monitoring maybe necessary.

Mining

- 11.14 A coal mining report presented in Appendix 4 states the property is in the likely zone of influence of two known worked coal seams between 126mbgl and 176mbgl. The shallowest seam is the Flockton Thick and has a section of 52cm.
- 11.15 There are no shafts or adits within 20m of the property. There is no evidence of coal mining related subsidence claims in relation to the property in the past 10 years. The report concludes old workings are present but all settlement is likely to have completed long ago.

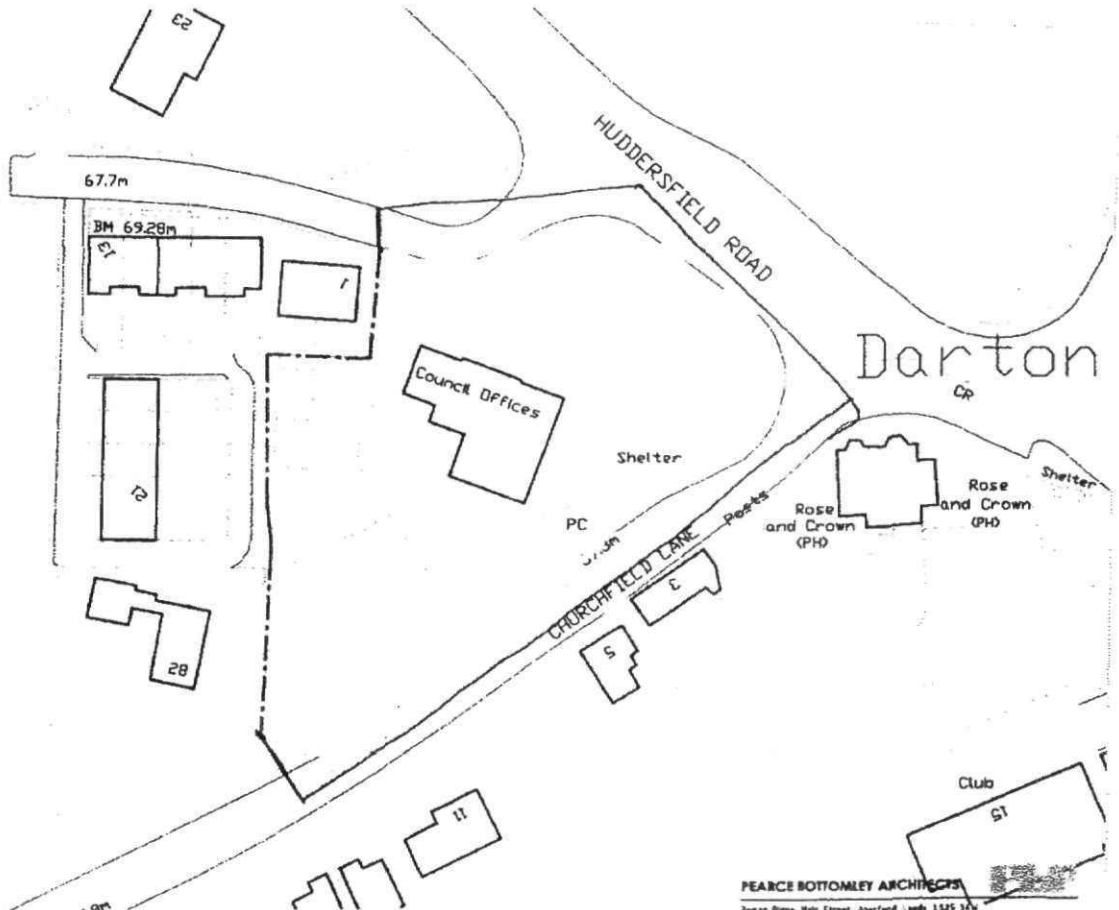
SOLMEK

**APPENDIX 1:
Figures and Plates**



Client:	Morgan Ashurst PLC	
Project:	Churchfield Lane, Darton	
Title:	Site Location Map	
DRG No:	Figure 1	Scale: NTS
Date:	September 2008	





NEW CENTRE, BARNSELY NHS LIFT, TRANCHE 3, DARTON
 SKETCH SITE OPTIONS - COUNCIL OFFICES SITE - EXISTING. 1:500 AT A3

3696 - 22

PEARCE BOTTOMLEY ARCHITECTS
 Human Place, Main Street, Aberford, Leeds LS25 3JW
 Telephone 01937 347 2999
 Facsimile 01937 241 299
 e-mail: paul@pearcebt.com

Client:	Morgan Ashurst PLC	
Project:	Churchfield Lane, Darton	
Title:	Current Site Plan	
DRG No:	Figure 2	Scale: NTS
Date	September 2008	



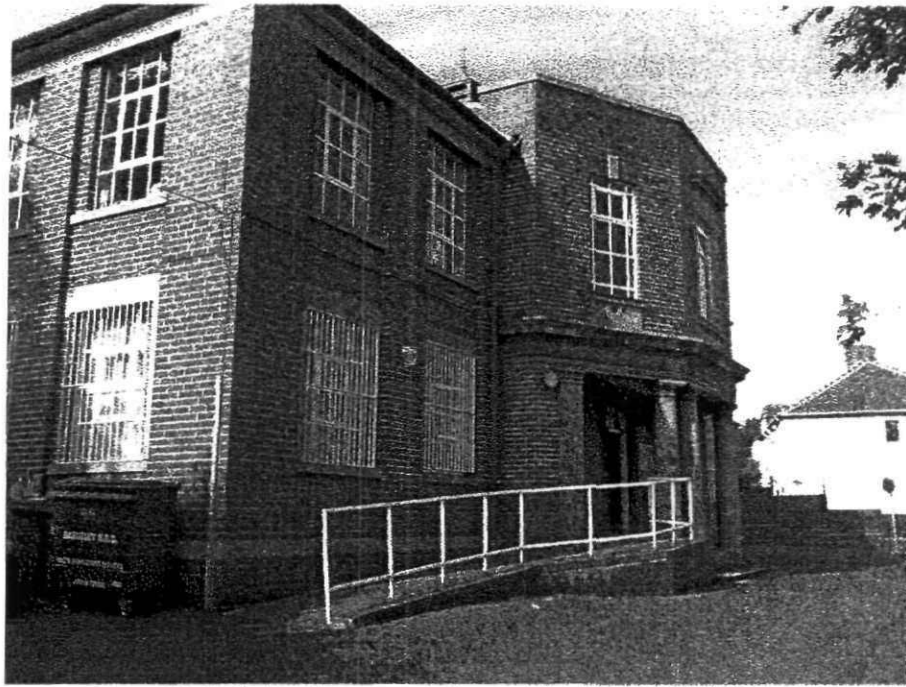


Plate 1: Looking west at council offices building

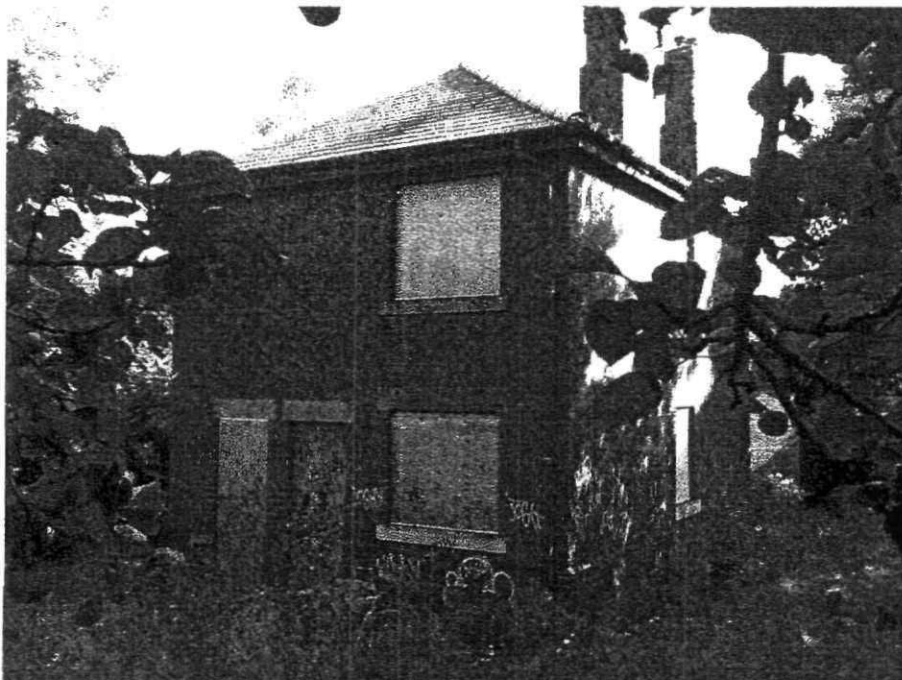


Plate 2: Looking east at disused house to rear of the council office

Client:	Morgan Ashurst PLC
Project:	Churchfield Lane, Darton
Title:	Plates 1 & 2
DRG No:	Figure 3
Date	September 2008

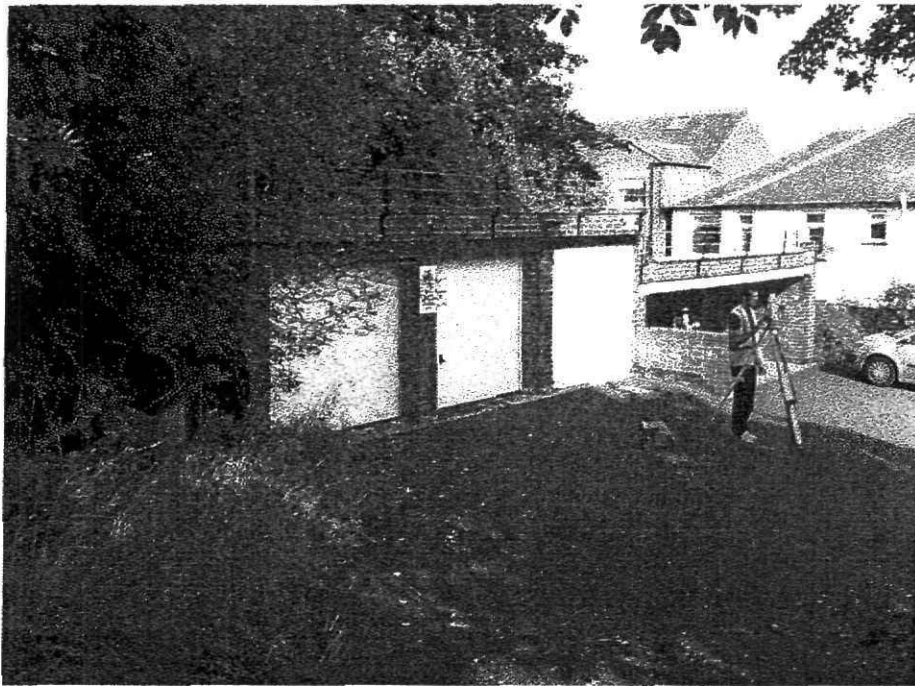


Plate 3: Looking west at garages along western margin

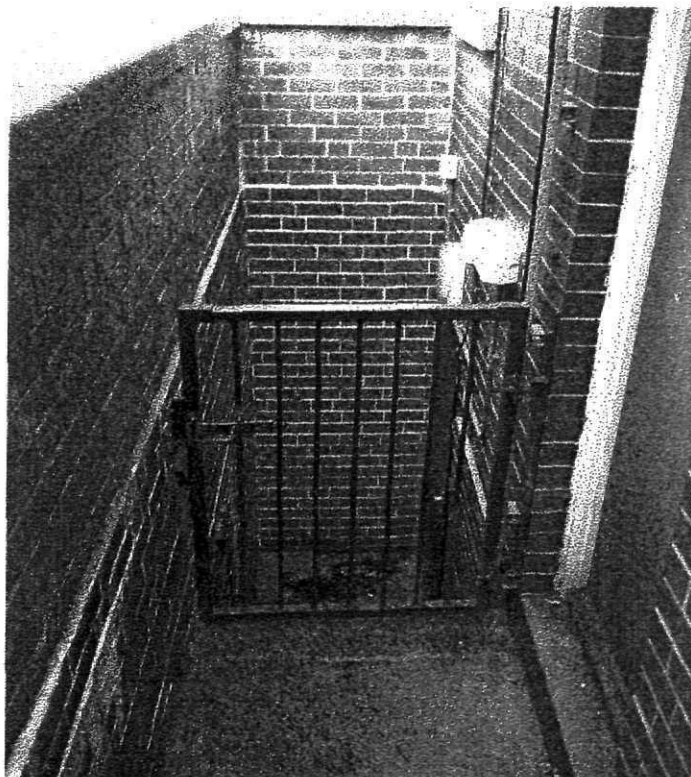


Plate 4: Steps to boiler room along western side of building

Client:	Morgan Ashurst PLC
Project:	Churchfield Lane, Darton
Title:	Plates 3 & 4
DRG No:	Figure 3
Date:	September 2008

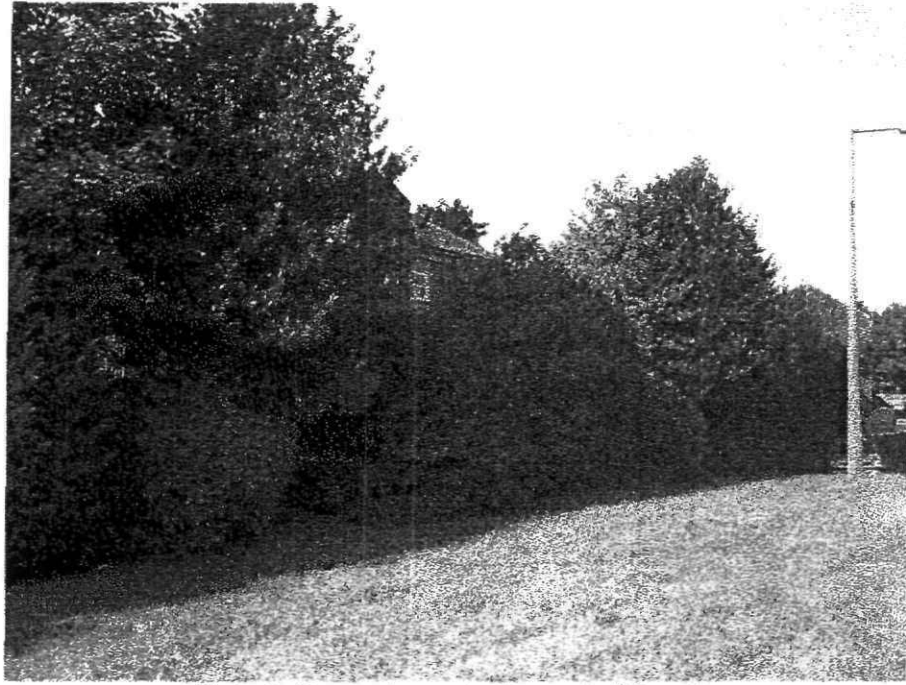


Plate 5: Grassed area to the east of the site



Plate 6: Rock exposure along Churchfield Lane to the south of the site

Client:	Morgan Ashurst PLC
Project:	Churchfield Lane, Darton
Title:	Plates 5 & 6
DRG No:	Figure 5
Date:	September 2008

**APPENDIX 2:
Historical Map Extracts**



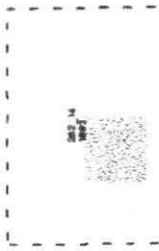
Yorkshire

Published 1893

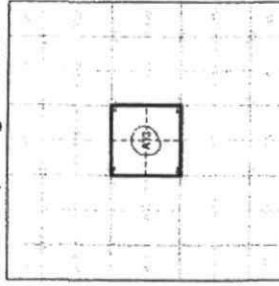
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1864 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1936, 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 adjoining areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

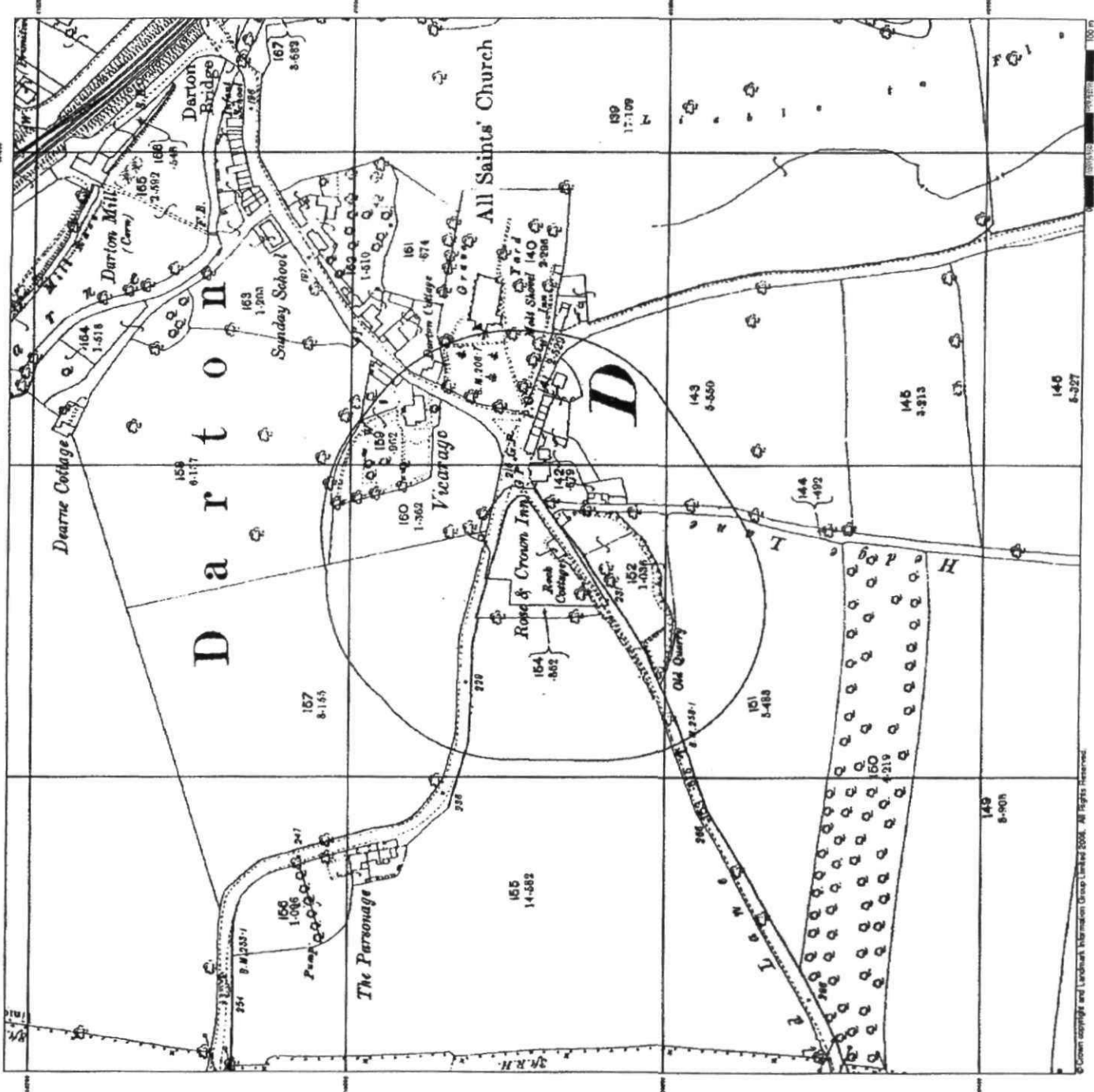
Order Number: 28133704_1_1
Customer Ref: S80821
National Grid Reference: 430940, 409880
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 100

Site Details

Churchfield Lane, Darton, Barnsley, S75 5DC



Tel: 0844 844 8932
Fax: 0844 844 8931
Web: www.landmark.co.uk



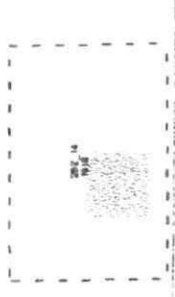
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Yorkshire
Published 1918
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale of 1:2,500. These maps were surveyed in the 1840's. In 1854 the 1:2,500 scale was adopted for the Ordnance Survey and by 1860 it covered the whole of what was considered to be the British Isles. The published date given below is often some years later than the actual 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

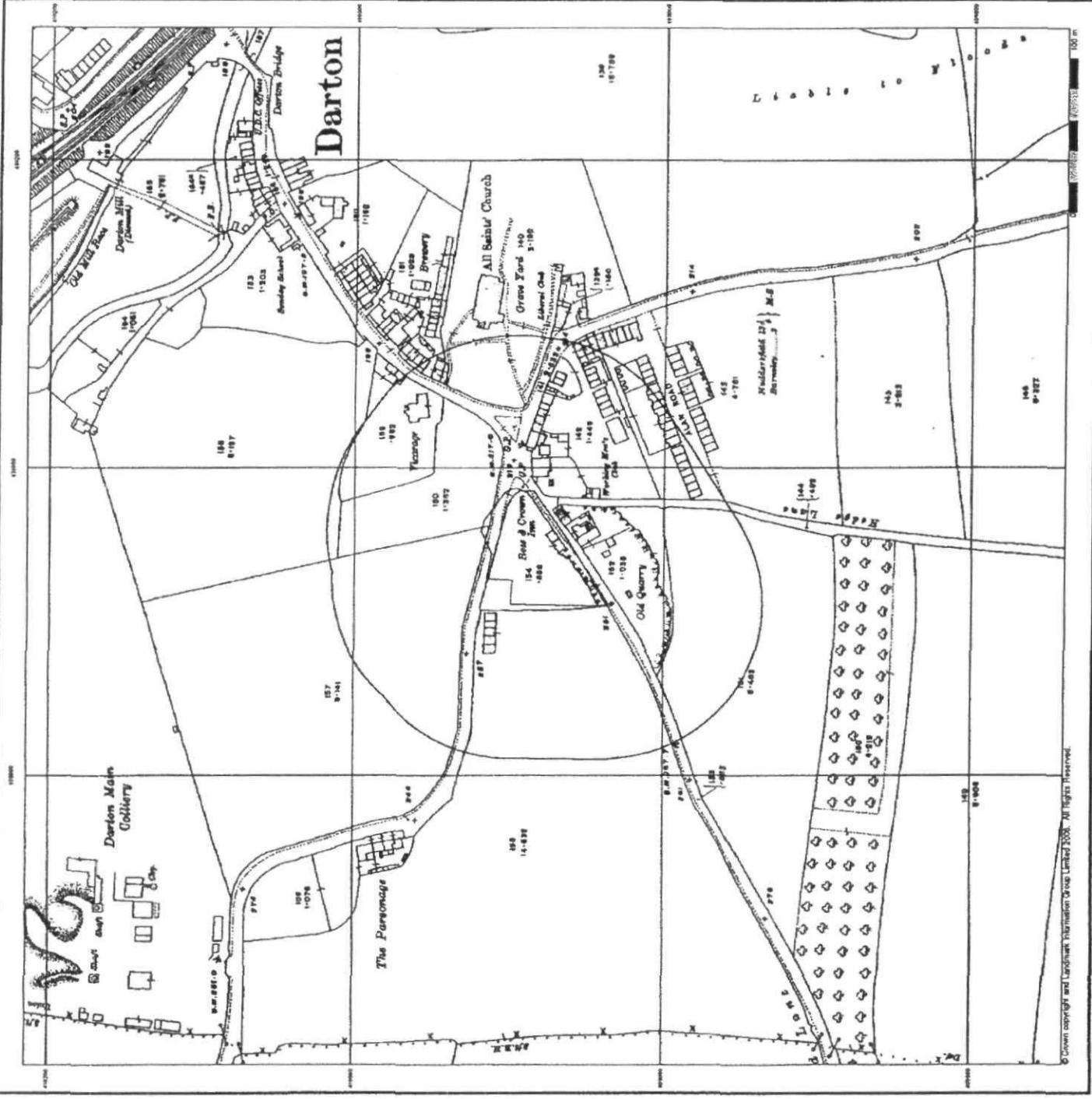
Order Number: 26133704_1_1
 Customer Ref: S80821
 National Grid Reference: 430940, 409880
 Site Area (Ha): 0.38
 Search Buffer (m): 100

Site Details

Churchfield Lane, Darton, Bamsley, S75 5DQ



Tel: 0844 844 2627
 Fax: 0844 844 2621
 Web: www.landmark.co.uk





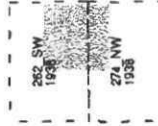
Yorkshire

Published 1938

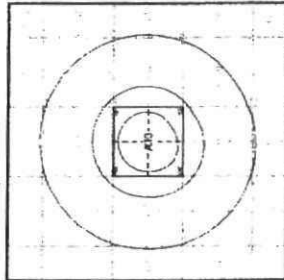
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey Office, Wales and Scotland in the 1940's. In 1954 the 1:10,560 scale maps were selected for reproduction. The published date refers to the year later than the surveyed date. 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. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially centred with the National Grid. In 1970, the first 1:10,000 maps were produced using the Universal 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

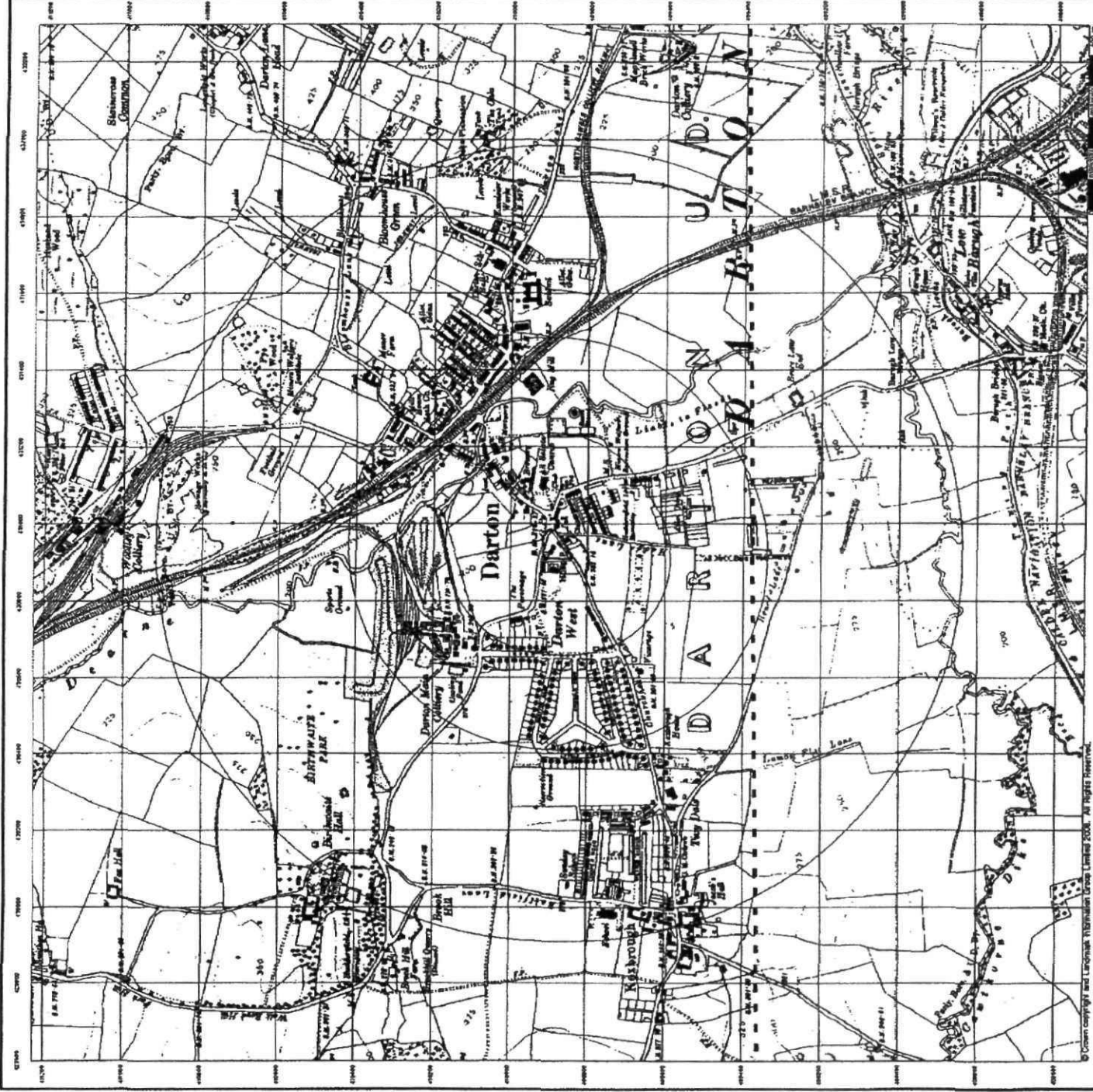
Order Number: 28133704_L1
Customer Ref: 580821
National Grid Reference: 430940, 409880
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details

Churchfield Lane, Dorton, Barnsley, S75 5DQ



Tel: 0844 844 892
Fax: 0844 844 891
Web: www.amlbooks.co.uk





**Ordnance Survey Plan
Published 1955 - 1956**

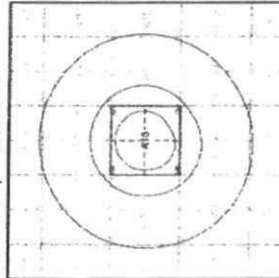
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:25,000 scale was adopted for mapping urban areas. These maps were used to produce the 1:10,560 maps. The published data given therefore is often some years later than the original source. Before 1930, all OS maps were based on the Cassini Projection, with only the surveyors of a single county or group of counties, giving rise to significant inaccuracies, which were corrected in 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted 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)

SE21SE	SE31SW
1955	1956
SE20NE	SE30NW
1955	1956

Historical Map - Slice A



Order Details

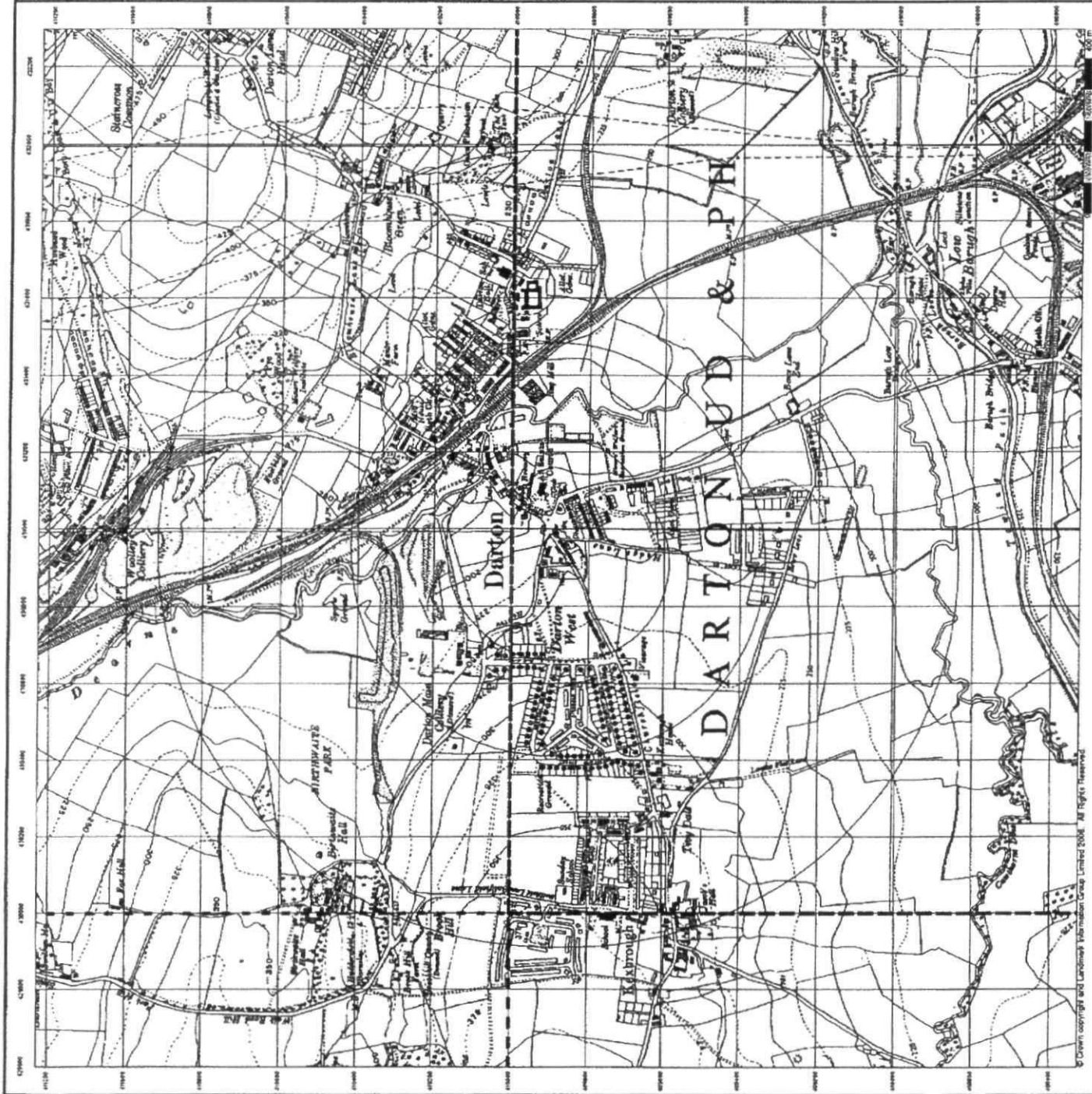
Order Number: 28133704_1_1
 Customer Ref: S80821
 National Grid Reference: 430940, 406880
 Slice: A
 Site Area (Ha): 0.38
 Search Buffer (m): 1000

Site Details

Churchfield Lane, Darton, Barnsley, S75 5DQ



Tel: 0844 844 9932
 Fax: 0844 844 9951
 Web: www.evsurveys.co.uk





**Ordnance Survey Plan
Published 1961 - 1962**

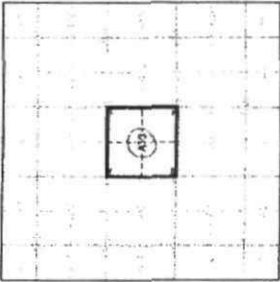
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SE 2010	1961
SE 2110	1961
SE 2008	1962
SE 2109	1962

Historical Map - Segment A13



Order Details

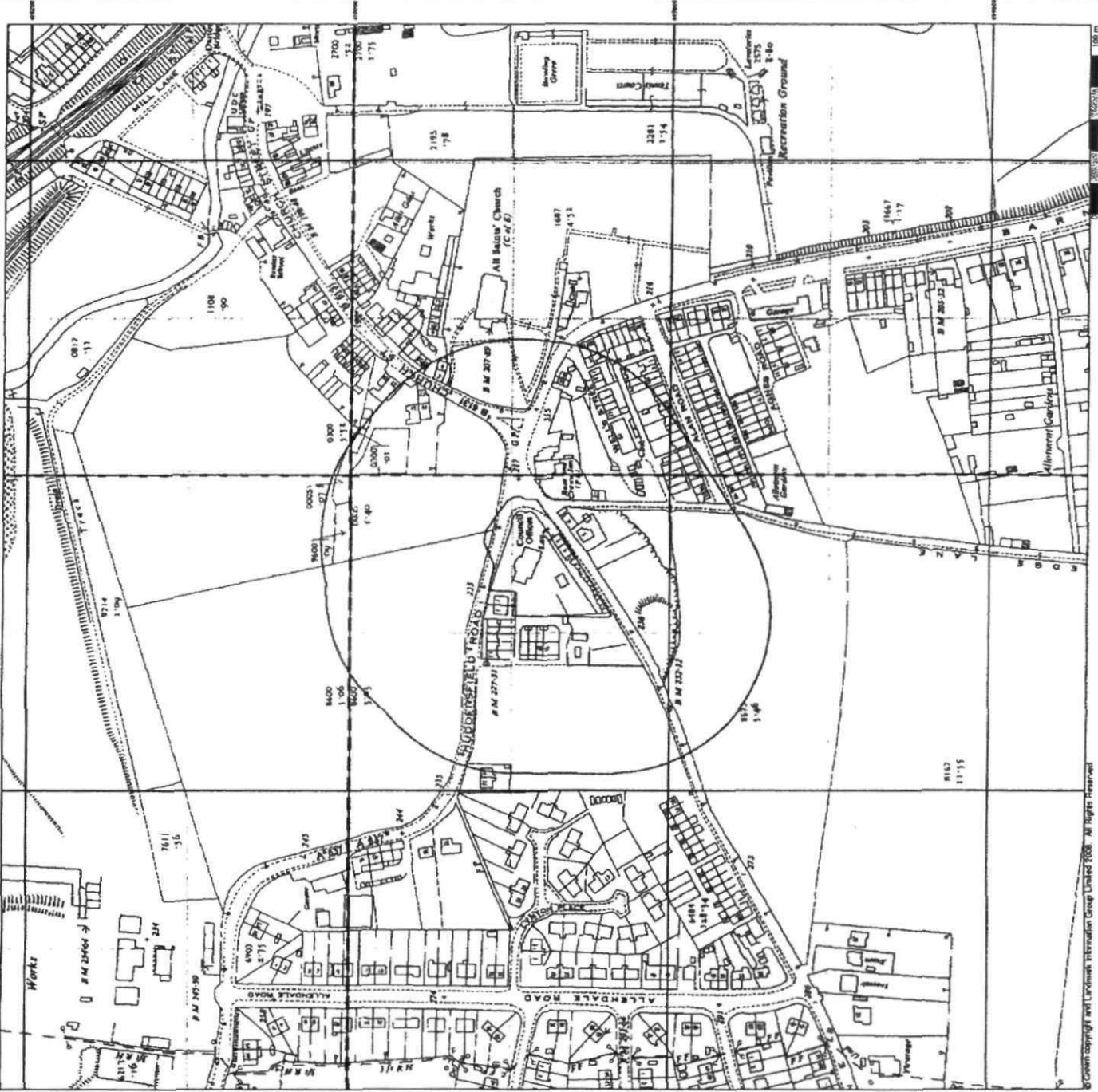
Order Number: 26133704_1_1
 Customer Ref: S50821
 National Grid Reference: 430940, 409880
 Slice: A
 Site Area (Ha): 0.38
 Search Buffer (m): 100

Site Details

Churchfield Lane, Darton, Bamsley, S75 5DQ



Tel: 0844 844 9637
 Fax: 0844 844 9651
 Web: www.landmark.co.uk



SOLMEK

Ordnance Survey Plan Published 1970

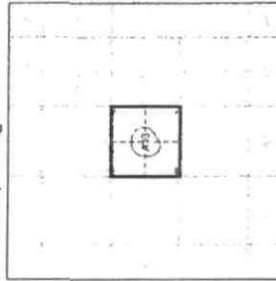
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, Warley and Scotland in the 1940's. In 1984 the Ordnance Survey was sold to the British Government and by 1990 the whole of what was considered to be the published data of Ordnance Survey. The published data 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)

SE2910	1970	SE2710	1970
SE3008	1970	SE3108	1970

Historical Map - Segment A13



Order Details

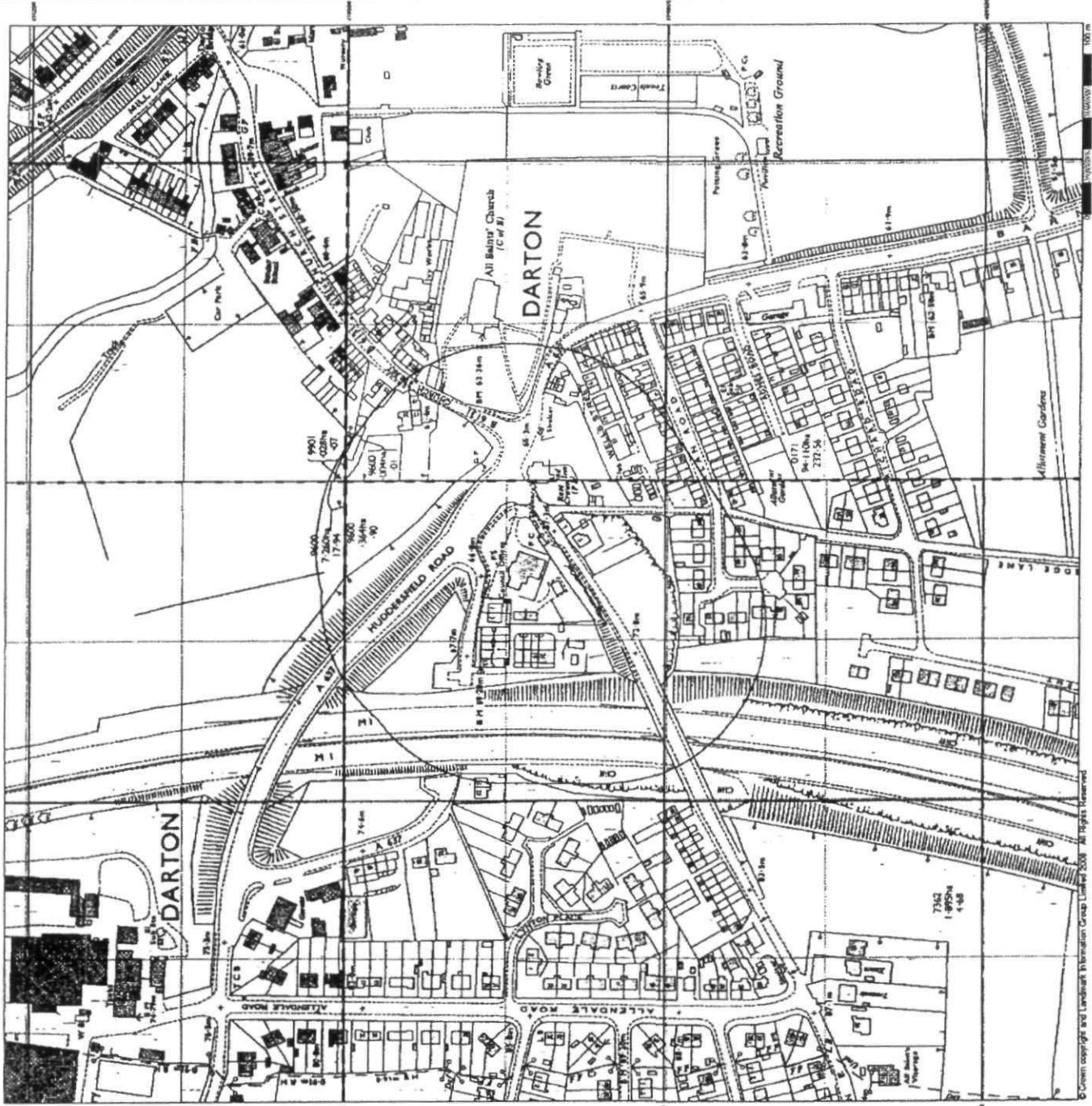
Order Number: 26133704_1_1
 Customer Ref: S80821
 National Grid Reference: 430940, 409880
 Site: A
 Site Area (Ha): 0.38
 Search Buffer (m): 100

Site Details

Churchfield Lane, Darton, Bamsley, S75 5DQ



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 Fax: 0344 844 8001
 Web: www.landmark.co.uk



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Ordnance Survey Plan Published 1983

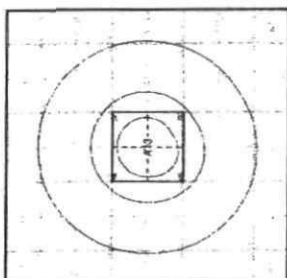
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1940's. In 1954 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given hereafter 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. In the late 19th century the Ordnance Survey was produced, which updated the 1:10,000 maps to the Transverse Mercator Projection. These were then updated with military camps and other strategic sites. The Ordnance Survey was then overprinted 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

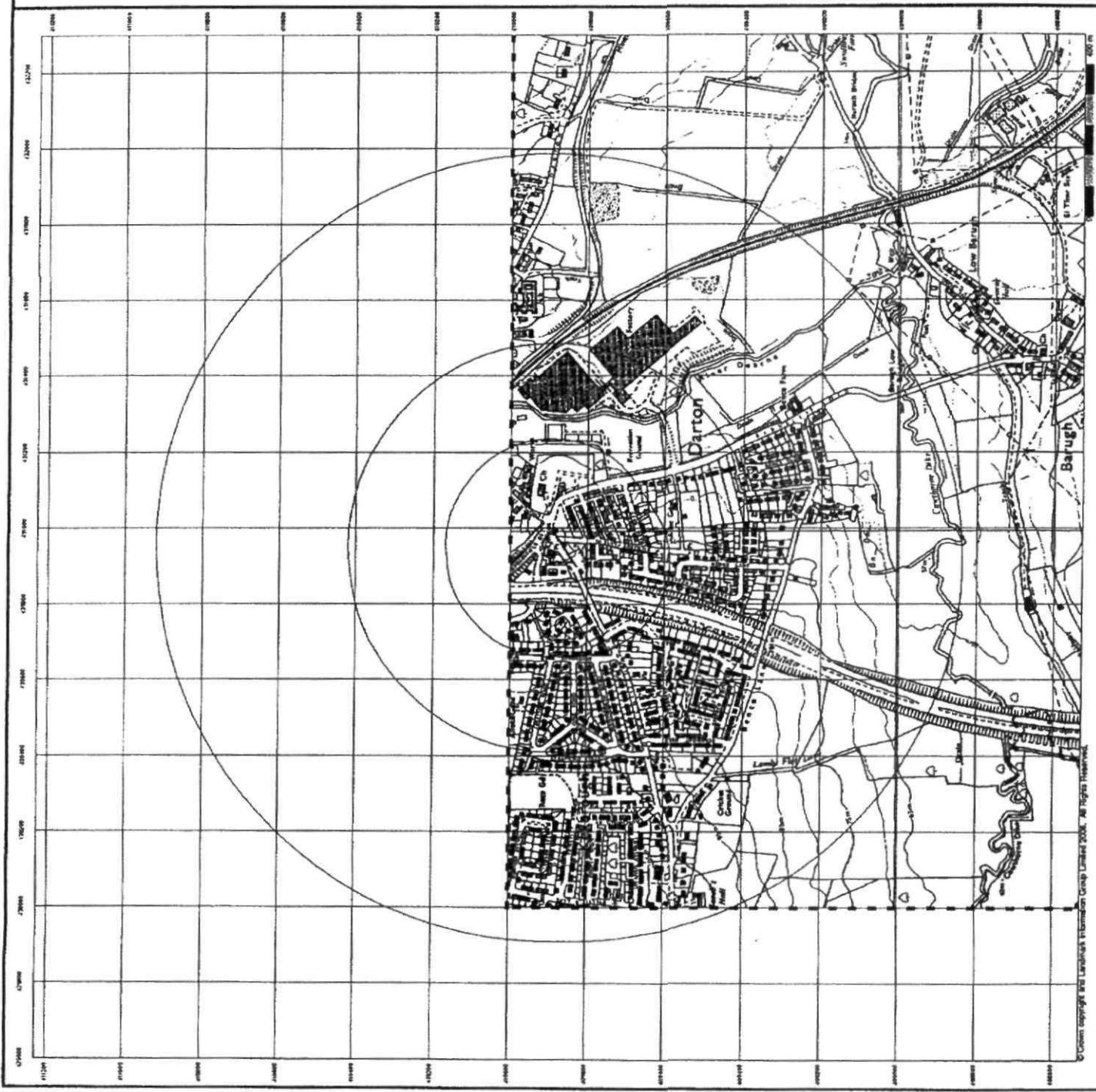
Order Number: 26133704_1_1
Customer Ref: S90821
National Grid Reference: 430940, 408880
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details

Churchfield Lane, Darton, Barnsley, S75 5DQ



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Fax: 0844 844 9611
Web: www.landmark.co.uk



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Large-Scale National Grid Data
Published 1993

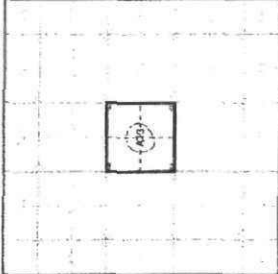
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded BIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1996. These maps were the base-maps of digital mapping and so provide detailed information on houses and roads, but tend to show less detail on other features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SE-SW-103E	1993
SE-SW-103W	1993
SE-SW-103E	1993
SE-SW-103W	1993

Historical Map - Segment A13



Order Details

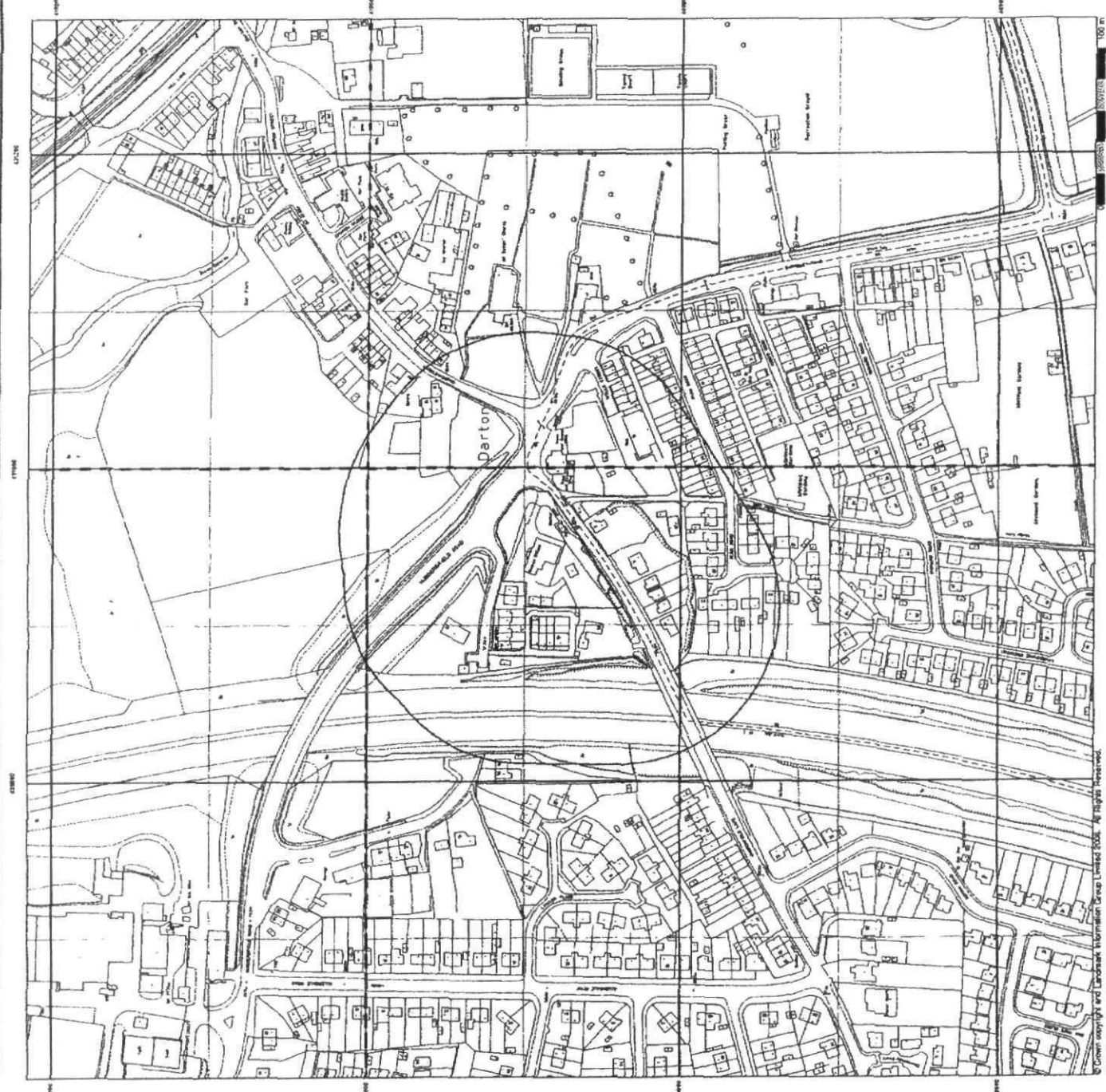
Order Number: 26133704_1_1
Customer Ref: 580621
National Grid Reference: 430940, 409880
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 100

Site Details

Churchfield Lane, Darton, Barnsley, S75 6DQ



Tel: 01454 844 902
Fax: 01454 844 903
Web: www.landmark.co.uk





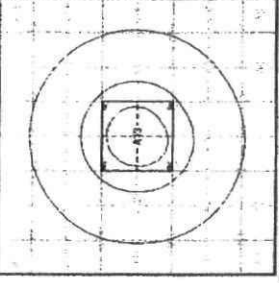
**10K Raster Mapping
Published 2008
Source map scale - 1:10,000**

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 depicts civil parishes, county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

SE21 SE	2008
SE21 SW	2008
SE21 NW	2008
SE21 NE	2008

Historical Map - Slice A



Order Details

Order Number: 26133704_1_1
 Customer Ref: S80821
 National Grid Reference: 430940, 409860
 Slice: A
 Site Area (Hs): 0.36
 Search Buffer (m): 1000

Site Details

Churchfield Lane, Darton, Barnsley, S75 5DQ



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 0844 844 8931
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**APPENDIX 3:
Envirocheck Report**



Envirocheck[®] Report: Datasheet

Order Details:

Order Number:
26133704_1_1

Customer Reference:
S80821

National Grid Reference:
430940, 409880

Slice:
A

Site Area (Ha):
0.38

Search Buffer (m):
1000

Site Details:

Churchfield Lane
Darton
Barnsley
S75 5DQ

Client Details:

Mr D Simpson
Solmek Ltd
12 Yarn Road
Stockton on Tees
Cleveland
TS18 3NA



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	18
Geological	19
Industrial Land Use	21
Sensitive Land Use	24
Data Currency	25
Data Suppliers	29
Useful Contacts	30

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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Peter Brett Associates Copyright Notice

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

Report Version v36.0



Summary

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			10	9
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 5			1	4
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control	pg 6			1	
Local Authority Pollution Prevention and Controls	pg 6		1	1	5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 7		1	20	10
Prosecutions Relating to Authorised Processes	pg 13				1
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 13		1		1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 13			1	
Substantiated Pollution Incident Register					
Water Abstractions	pg 14			1	(*2)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 14	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 14		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 14		Yes	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					
Historical Landfill Sites	pg 16				2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites	pg 16				2
Registered Landfill Sites	pg 17				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					



Summary

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)	pg 18				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 19		1	1	2
BGS 1:625,000 Solid Geology	pg 19	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 19	Yes	n/a	n/a	n/a
Mining Instability	pg 19	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	pg 19		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards		Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 20		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards			Yes	n/a	n/a
Radon Potential - Radon Affected Areas		Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Shallow Mining Hazards	pg 20	Yes		n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 21	1	6	9	7
Fuel Station Entries	pg 23		1		



Summary

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 24	1			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 24	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Not Given Location: Deame Hill Road, Low Barugh, DARTON, 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: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	311	1	431260 410045
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Not Given Location: Church Street/Mill Lane, DARTON, 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: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	313	1	431260 410050
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Not Given Location: Carr Green Lane, Mapplewell, DARTON, 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: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	315	1	431265 410045
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Not Given Location: Redbrook Road, Redbrook, DARTON, 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: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NE (NE)	318	1	431265 410050



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Sewers Location: Church Street, MILL LANE, 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 1963 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</p>	A13NE (NE)	320	1	431265 410055
2	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Sewers - Water Company Location: Darton Church Street Cso Church Street (Adj No 74), Darton Bridge, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra8610 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: Freshwater Stream/River Environment: Receiving Water: River Deame 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</p>	A14NW (E)	347	1	431310 410020
3	<p>Discharge Consents</p> <p>Operator: Anglo Clough Management Company Ltd Property Type: Undefined Or Other Location: Parkside Performance Films, Darton, Barnsley Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C4011 Permit Version: 2 Effective Date: 22nd July 1993 Issued Date: 22nd July 1993 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge: Freshwater Stream/River Environment: Receiving Water: River Deame Status: Revised Consent, by Notice (Section 37(1)) Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	443	1	430710 410300
3	<p>Discharge Consents</p> <p>Operator: Bp, Performance Films Group Property Type: Undefined Or Other Location: Parkside Performance Films, Darton, Barnsley Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C4011 Permit Version: 1 Effective Date: 25th September 1985 Issued Date: 25th September 1985 Revocation Date: 21st July 1993 Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge: Freshwater Stream/River Environment: Receiving Water: River Deame Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	443	1	430710 410300



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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Anglo Clough Management Company Ltd Property Type: Undefined Or Other Location: Parkside Performance Films, Darton, Bamsley Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C4011 Permit Version: 2 Effective Date: 22nd July 1993 Issued Date: 22nd 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: River Deame Status: Revised Consent, by Notice (Section 37(1)) Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	448	1	430700 410300
3	<p>Discharge Consents</p> <p>Operator: Bp, Performance Films Group Property Type: Undefined Or Other Location: Parkside Performance Films, Darton, Bamsley Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C4011 Permit Version: 1 Effective Date: 25th September 1985 Issued Date: 25th September 1985 Revocation Date: 21st July 1993 Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge Environment: Freshwater Stream/River Receiving Water: River Deame Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	448	1	430700 410300
4	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Woolley Colliery Stw, Woolley, Bamsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E707 Permit Version: 3 Effective Date: 19th August 1997 Issued Date: 19th August 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of River Deame Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	895	1	430800 410800
4	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Undefined Or Other Location: Wooley Colliery Wpc Works Storm Tan, Ks Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E707(Ss) Permit Version: 1 Effective Date: 1st January 1982 Issued Date: 1st January 1982 Revocation Date: 13th March 1986 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Deame Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	895	1	430800 410800

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Undefined Or Other Location: Woolley Colliery Wpc Works Storm Tan, Ks Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E707(Ss) Permit Version: 1 Effective Date: 1st January 1982 Issued Date: 1st January 1982 Revocation Date: 13th March 1986 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Deame Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	895	1	430800 410800
5	<p>Discharge Consents</p> <p>Operator: Med Contracting Property Type: Undefined Or Other Location: Woolley Colliery Dardon, Barnsley, South Yorkshire, Uk Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3747 Permit Version: 1 Effective Date: 25th October 1983 Issued Date: 25th October 1983 Revocation Date: 13th February 1986 Discharge Type: Trade Discharge - Mineral Workings Discharge: Freshwater Stream/River Environment: Receiving Water: River Deame Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m</p>	A23SW (N)	983	1	430830 410892
6	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Woolley Colliery Stw, Woolley, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E707 Permit Version: 3 Effective Date: 19th August 1997 Issued Date: 19th August 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Deame Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A23SE (N)	992	1	431100 410900
6	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Woolley Colliery Stw, Woolley, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E707 Permit Version: 2 Effective Date: 14th February 1986 Issued Date: 14th February 1986 Revocation Date: 18th August 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The River Deame Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A23SE (N)	992	1	431100 410900

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Woolley Colliery Stw, Woolley, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E707 Permit Version: 2 Effective Date: 14th February 1986 Issued Date: 14th February 1986 Revocation Date: 18th August 1997 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The River Deame Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A23SE (N)	992	1	431100 410900
6	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Woolley Colliery Stw, Woolley, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E707 Permit Version: 1 Effective Date: 16th November 1981 Issued Date: 16th November 1981 Revocation Date: 13th February 1986 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The River Deame Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m</p>	A23SE (N)	992	1	431100 410900
6	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Woolley Colliery Stw, Woolley, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E707 Permit Version: 1 Effective Date: 16th November 1981 Issued Date: 16th November 1981 Revocation Date: 13th February 1986 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The River Deame Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m</p>	A23SE (N)	992	1	431100 410900
7	<p>Integrated Pollution Controls</p> <p>Name: Dalkia Utilities Services Plc Location: Deame Mills, Darton, BARNSELY, South Yorkshire, S75 5NH Authority: Environment Agency, North East Region Permit Reference: AF6529 Dated: 1st November 1993 Process Type: IPC new application Description: 1.3 A (C) Combustion processes within the Fuel & Power Industry Status: Authorisation revokedRevoked Positional Accuracy: Unknown</p>	A14SW (E)	431	1	431382 409717
8	<p>Integrated Pollution Controls</p> <p>Name: Regency Doors Plc Location: Spring Ram Business Park, Huddersfield Road, Darton, BARNSELY, South Yorkshire, S75 5JS Authority: Environment Agency, North East Region Permit Reference: A17050 Dated: 7th May 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.7 A (A) Timber processes within Miscellaneous Industries Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	652	1	430597 410476

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
8	<p>Integrated Pollution Controls</p> <p>Name: Regency Doors Plc Location: Spring Ram Business Park, Huddersfield Road, Darton, BARNLEY, South Yorkshire, S75 5JS Authority: Environment Agency, North East Region Permit Reference: A16932 Dated: 4th May 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (C) Combustion processes within the Fuel & Power Industry Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	652	1	430597 410476
8	<p>Integrated Pollution Controls</p> <p>Name: Regency Doors Plc Location: Spring Ram Business Park, Huddersfield Road, Darton, BARNLEY, South Yorkshire, S75 5JS Authority: Environment Agency, North East Region Permit Reference: AF9943 Dated: 30th November 1992 Process Type: IPC new application Description: 6.7 A (A) Timber processes within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	652	1	430597 410476
8	<p>Integrated Pollution Controls</p> <p>Name: Regency Doors Plc Location: Spring Ram Business Park, Huddersfield Road, Darton, BARNLEY, South Yorkshire, S75 5JS Authority: Environment Agency, North East Region Permit Reference: AG0534 Dated: 5th November 1992 Process Type: IPC new application Description: 1.3 A (C) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	652	1	430597 410476
9	<p>Local Authority Integrated Pollution Prevention And Control</p> <p>Name: Parkside Performance Films Ltd Location: Huddersfield Road, Darton, Barnsley, South Yorkshire, S75 5JS Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: IPPC/A2/02 Dated: Not Supplied Process Type: Production and Processing of Metals Description: Surface treatment of metals and plastics Status: Application Withdrawn Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	303	2	430680 410095
10	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Robert Thompson Location: Central Garage, Barnsley Road, Darton, BARNLEY, South Yorkshire, S75 5NN Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: EPA/05 Dated: 18th October 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	206	2	431115 409725
11	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Parkside Performance Films Ltd Location: Huddersfield Road, Darton, BARNLEY, S75 5NA Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Epa50 Dated: 21st October 1993 Process Type: Local Authority Air Pollution Control Description: PG6/17 Printing of flexible packaging Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (NW)	324	2	430644 410082



Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
12	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Premdor Crosby Ltd Location: Huddersfield Road, Darton, Barnsley, S75 5js Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: PPC/B/42 Dated: 26th March 2002 Process Type: Local Authority Pollution Prevention and Control Description: PG6/33 Wood coating Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SE (NW)	678	2	430345 410272
13	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Premdor Crosby Limited Location: Spring Ram Business Park, Darton, Barnsley, S75 5JS Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/31 Dated: 21st September 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Permitted Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	690	2	430501 410456
13	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Premdor Crosby Limited Location: Spring Ram Business Park, Huddersfield Road, Darton, Barnsley, S75 5js Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Epa84 Dated: 20th March 1996 Process Type: Local Authority Air Pollution Control Description: PG6/33 Wood coating Status: Authorised Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	710	2	430459 410447
14	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Crosby Limited Location: Spring Ram Business Park, Darton, BARNLSLEY, S75 5JS Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SE (NW)	728	2	430433 410448
15	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Meredew Cabinets Location: Spring Ram Business Park, Darton, BARNLSLEY, S75 5JS Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	779	2	430450 410530
	Nearest Surface Water Feature	A13NE (NE)	238	-	431135 410087
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Colliery Str, /Haigh Bridge A637 Deame 22 Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 6th July 1989 Incident Reference: 101019 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</p>	A13NE (NE)	228	1	431100 410100

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
17	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Colliery Stn, /Haigh Bridge A637 Deame 22 Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 7th February 1990 Incident Reference: 107551 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	A13NE (NE)	290	1	431200 410095
17	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: River Deame At, DARTON Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: River Deame; No Fish Killed Incident Date: 5th July 1998 Incident Reference: SH980267 Catchment Area: Deame Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	293	1	431195 410105
17	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Colliery Stn, /Haigh Bridge A637 Deame 22 Authority: Environment Agency, North East Region Pollutant: Mining Water Note: Not Supplied Incident Date: 30th November 1994 Incident Reference: 154600 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	A13NE (NE)	293	1	431200 410100
17	Pollution Incidents to Controlled Waters Property Type: Coal Location: Rear Of Post Office, Church Street, DARTON Authority: Environment Agency, North East Region Pollutant: Unknown Note: No Fish Killed Incident Date: 30th November 1994 Incident Reference: SH950074 Catchment Area: Deame Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	293	1	431205 410095
17	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: Church Street, DARTON Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: River Deame; Fish Killed: No Information Incident Date: 11th July 1998 Incident Reference: SH980274 Catchment Area: Deame Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	296	1	431200 410105
17	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Rd Brdg B6131/Colliery Stn Deame 21 Authority: Environment Agency, North East Region Pollutant: Coal Solids Note: Not Supplied Incident Date: 7th November 1989 Incident Reference: 105054 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	A13NE (NE)	297	1	431205 410100

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
17	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Rd Brdg B6131/Colliery Stn Deame 21 Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Tip Leachate Note: Not Supplied Incident Date: 10th November 1989 Incident Reference: 105158 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	A13NE (NE)	300	1	431205 410105
18	Pollution Incidents to Controlled Waters Property Type: Petrol/Fuelling Stations Location: Deame At Darton Authority: Environment Agency, North East Region Pollutant: Unknown Note: No Fish Killed Incident Date: 9th January 1995 Incident Reference: SH950106 Catchment Area: Deame Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	292	1	430700 410100
19	Pollution Incidents to Controlled Waters Property Type: Farm Location: Road Bridge B6428 / , / Road Brdg B6131 Deame 20 Authority: Environment Agency, North East Region Pollutant: Agricultural: Carcasses Note: Not Supplied Incident Date: 13th July 1994 Incident Reference: 152592 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	A14NW (E)	314	1	431300 409900
20	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Rd Brdg B6131/Colliery Stn Deame 21 Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 8th October 1993 Incident Reference: 148392 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	A14SW (E)	327	1	431300 409800
20	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Rd Brdg B6131/Colliery Stn Deame 21 Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 4th November 1992 Incident Reference: 138432 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	A14SW (E)	328	1	431300 409795
21	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: Station Road, Darton, BARNSELEY Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: River Deame; Fish Killed: No Information Incident Date: 3rd July 1998 Incident Reference: SH980430 Catchment Area: Deame Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	332	1	431250 410100



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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
22	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Rd Brdg B6131/Colliery Stn Deame 21 Authority: Environment Agency, North East Region Pollutant: Miscellaneous - No Visible Pollution/Nothing Found Note: Not Supplied Incident Date: 5th March 1990 Incident Reference: 108349 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	A14NW (NE)	370	1	431300 410095
22	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Colliery Stn, /Haigh Bridge A637 Deame 22 Authority: Environment Agency, North East Region Pollutant: Coal Solids Note: Not Supplied Incident Date: 4th September 1989 Incident Reference: 103939 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	A14NW (NE)	373	1	431300 410100
22	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: River Deame At , Church Street, DARTON Authority: Environment Agency, North East Region Pollutant: Chemicals - Unknown Note: River Deame; Fish Killed: No Information Incident Date: 26th November 1998 Incident Reference: SH980390 Catchment Area: Deame Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	375	1	431305 410095
23	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Rd Brdg B6131/Colliery Stn Deame 21 Authority: Environment Agency, North East Region Pollutant: Rubbish Note: Not Supplied Incident Date: 23rd March 1994 Incident Reference: 150728 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	A18SE (N)	385	1	431000 410300
24	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: Church Street, DARTON Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: No Fish Killed Incident Date: 10th June 1996 Incident Reference: SH960270 Catchment Area: Deame Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	399	1	431300 410145
25	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: Church Street, DARTON Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: Pollution Found; No Fish Killed Incident Date: 10th June 1996 Incident Reference: SH960270 Catchment Area: Deame Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	402	1	431300 410150



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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Road Bridge B6428 /, / Road Brdg B6131 Deame 20 Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 8th September 1993 Incident Reference: 147764 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</p>	A14NW (NE)	434	1	431300 410200
26	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Road Bridge B6428 /, / Road Brdg B6131 Deame 20 Authority: Environment Agency, North East Region Pollutant: Not Given Note: Not Supplied Incident Date: 28th May 1990 Incident Reference: 111136 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</p>	A14SW (SE)	425	1	431300 409600
27	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Deame AL DARTON Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: No Fish Killed Incident Date: 30th November 1995 Incident Reference: SH950168 Catchment Area: Deame Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	599	1	430800 410500
28	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Road Bridge B6428 /, / Road Brdg B6131 Deame 20 Authority: Environment Agency, North East Region Pollutant: Not Given Note: Not Supplied Incident Date: 4th January 1990 Incident Reference: 106536 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</p>	A9NW (SE)	644	1	431500 409500
29	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Road Bridge B6428 /, Road Brdg B6131 Deame 20 Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 4th September 1989 Incident Reference: 102905 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</p>	A8SE (S)	761	1	431100 409100
30	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Sewage Treatment Works Location: Colliery Str, /Haigh Bridge A637 Deame 22 Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 22nd October 1993 Incident Reference: 148569 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</p>	A18NE (N)	818	1	431200 410700

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
31	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Rd Brdg B6131/Colliery Stn Deame 21 Authority: Environment Agency, North East Region Pollutant: Coal Solids Note: Not Supplied Incident Date: 5th September 1989 Incident Reference: 102955 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</p>	A18NW (N)	889	1	430805 410795
31	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Colliery Stn, /Haigh Bridge A637 Deame 22 Authority: Environment Agency, North East Region Pollutant: Surface Water Note: Not Supplied Incident Date: 23rd November 1994 Incident Reference: 153676 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</p>	A18NW (N)	890	1	430800 410795
31	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Rd Brdg B6131/Colliery Stn Deame 21 Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 15th August 1989 Incident Reference: 102421 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m</p>	A18NW (N)	894	1	430805 410800
31	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Road Bridge B6428 /, Road Brdg B6131 Deame 20 Authority: Environment Agency, North East Region Pollutant: Coal Solids Note: Not Supplied Incident Date: 20th April 1989 Incident Reference: 6862 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</p>	A18NW (N)	899	1	430805 410805
32	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Colliery Stn, /Haigh Bridge A637 Deame 22 Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Tip Leachate Note: Not Supplied Incident Date: 11th December 1991 Incident Reference: 128941 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</p>	A23SW (N)	984	1	430800 410900
33	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Rd Brdg B6131/Colliery Stn Deame 21 Authority: Environment Agency, North East Region Pollutant: Coal Solids Note: Not Supplied Incident Date: 31st May 1991 Incident Reference: 122900 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</p>	A23SE (N)	992	1	431100 410900



Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
34	<p>Prosecutions Relating to Authorised Processes</p> <p>Location: Barnsley Road, Darton, Barnsley, Yorkshire, S75 5NT Prosecution Text: EA News Release 04/03/1999, Found guilty of knowingly permitting controlled waste to be deposited without a licence. Prosecution Act: EPA90 Hearing Date: 4th March 1999 Verdict: Guilty Fine: 500 Costs: 1240.1 Positional Accuracy: Manually positioned to the road within the address or location</p>	A9NW (SE)	681	1	431286 409268
	<p>River Quality</p> <p>Name: River_Deame GQA Grade: River Quality C Reach: Wooley_Minewater_Cawthorne_Dyk Estimated Distance (km): 3.3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A13NE (NE)	238	1	431155 410068
	<p>River Quality</p> <p>Name: Cawthorne_Dyke GQA Grade: River Quality C Reach: Silkstone_Beck_River_Dearm Estimated Distance (km): 2.1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A9SW (SE)	977	1	431339 408959
35	<p>River Quality Chemistry Sampling Points</p> <p>Name: River Deame Reach: Wooley Minewater Cawthorne Dyke Estimated Distance: 3.30 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 D - Fair Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Compliant 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 D - Fair 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: Significant Failure Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Marginal Year: 2001 GQA Grade: River Quality Chemistry GQA Grade C - Fairly 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 B - Good Compliance: Compliant Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Compliant Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Compliant Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Compliant</p>	A13NE (NE)	293	1	431200 410100

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
36	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	A14SW (E)	455	1	431400 409700
	Water Abstractions Operator: British Coal Licence Number: 2/27/08/031 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 2728 Yearly Rate (m3): 818000 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SW (N)	1046	1	430780 410950
	Water Abstractions Operator: A I Crossley & Son Licence Number: 2/27/08/049 Permit Version: 100 Location: Spring - Coal Measures - Darton Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 5 Yearly Rate (m3): 1659 Details: Birthwaite Hall Farm, Darton, Barnsley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NW (W)	1541	1	429400 410200
	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	A13NW (NW)	0	1	430777 410147
	Drift Deposits None				
	Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A13NW (N)	74	1	430947 409990
	Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A13NE (NE)	223	1	431125 410075
	Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Boundary Accuracy: As Supplied	A13NE (E)	249	1	431235 409880
	Areas Benefiting from Flood Defences None				



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
37	<p>Historical Landfill Sites</p> <p>Licence Holder: Shaw Carpets Limited Location: Barnsley Road, Darton, Barnsley Name: Shaw Carpets Limited Operator Location: Barnsley Road, Darton, Barnsley Boundary Accuracy: As Supplied Provider Reference: EAHLD04346 First Input Date: 30th April 1980 Last Input Date: 31st December 1993 Specified Waste: Deposited Waste included Inert, Industrial and Commercial Waste Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 4400/0478 BGS Ref: Not Supplied Other Ref: WD20 B265, 4400/B265, 20B265(76)</p>	A9NE (SE)	787	1	431657 409476
38	<p>Historical Landfill Sites</p> <p>Licence Holder: C Birkinshaw and Sons Limited Location: Darton, Barnsley Name: Between Darton Lane and Deame Hall Road Operator Location: Oaks Farm, Darton Lane, Darton Boundary Accuracy: As Supplied Provider Reference: EAHLD04347 First Input Date: 31st October 1985 Last Input Date: 1st November 1994 Specified Waste: Deposited Waste included Inert and Commercial Waste Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 4400/0500 BGS Ref: Not Supplied Other Ref: WD20 B490, 4400/B490, 20B490(98)</p>	A9NE (SE)	892	1	431755 409437
	<p>Local Authority Landfill Coverage</p> <p>Name: Barnsley Metropolitan Borough Council - Has supplied landfill data</p>		0	2	431154 410827
	<p>Local Authority Landfill Coverage</p> <p>Name: Wakefield Metropolitan Borough Council - Has not been able to supply Landfill data</p>		930	9	431154 410827
39	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Not Supplied Reference: 76 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</p>	A9NE (SE)	779	2	431627 409445
40	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Not Supplied Reference: 98 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</p>	A9NE (SE)	909	2	431766 409421

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
41	<p>Registered Landfill Sites</p> <p>Licence Holder: Shaw Carpets Ltd Licence Reference: WD20 B 265 Site Location: Barnsley Road, Darton, Barnsley, South Yorkshire Licence Easting: 431680 Licence Northing: 409450 Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st April 1980 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 Ind. Non-Haz. Waste Soil & Subsoil Prohibited Waste: Asbestos Liquids In Containers Over 4l Cap. Slurry In Containers Over 4l Cap.</p>	A9NE (SE)	820	1	431680 409450



Hazardous Substances

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
42	Control of Major Accident Hazards Sites (COMAH) Name: Stiller Group North Limited Location: Barnsley Depot, Deame Mills, Barnsley Road, Darton, South Yorkshire, S75 5NN Reference: 4030326 Type: Upper Tier Status: Active Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	558	3	431498 409667

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
43	BGS Recorded Mineral Sites Site Name: Darton Location: Darton, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 25989 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (S)	26	4	430936 409822
44	BGS Recorded Mineral Sites Site Name: Darton Main Colliery Location: Darton, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 25991 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	339	4	430733 410192
45	BGS Recorded Mineral Sites Site Name: Bloomhouse Green Level Location: Darton, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 25996 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Barnsley Coal, Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	817	4	431882 410327
46	BGS Recorded Mineral Sites Site Name: Bloomhouse Lane Phase 2 Occs Location: Darton, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 4504 Type: Opencast Status: Ceased Operator: Derbyshire Mining Operator Location: Spitewinter, Stonedge, Chesterfield, Derbyshire, S45 0lw Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	949	4	431500 410700
	BGS 1:625,000 Solid Geology Description: Lower Westphalian (mainly Productive Coal Measures)	(E)	0	4	434866 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	5	421000 400000
	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	A13NW (N)	0	4	430941 410000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	82	4	430941 410000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	124	4	431025 410025

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	159	4	431125 409975
	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	A13NW (N)	0	4	430941 410000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	82	4	430941 410000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	430941 410000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	82	4	430941 410000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	124	4	431025 410025
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	159	4	431125 409975
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	430941 410000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	82	4	430941 410000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	124	4	431025 410025
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	159	4	431125 409975
	Radon Potential - Radon Affected Areas Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	430941 409925
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	430941 409925
	Shallow Mining Hazards Risk: Low-Moderate Source: British Geological Survey, National Geoscience Information Service	A7SE (SW)	0	4	430337 409156



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
47	<p>Contemporary Trade Directory Entries</p> <p>Name: P B Engineering Services Location: Darton Council Offices, Huddersfield Road, Darton, Bamsley, South Yorkshire, S75 5NB Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	0	-	430941 409894
48	<p>Contemporary Trade Directory Entries</p> <p>Name: Diane'S Ironing Location: 38, Churchfield Lane, Darton, Bamsley, South Yorkshire, S75 5DJ Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	146	-	430773 409788
49	<p>Contemporary Trade Directory Entries</p> <p>Name: M & M Motors Location: 38, Church Street, Darton, Bamsley, South Yorkshire, S75 5HG Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	159	-	431116 409991
49	<p>Contemporary Trade Directory Entries</p> <p>Name: Ivy Motors Location: 36, Church Street, Darton, Bamsley, South Yorkshire, S75 5HG Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	166	-	431139 409963
49	<p>Contemporary Trade Directory Entries</p> <p>Name: Darton Vac & Washer Location: Church St, Darton, Bamsley, S Yorkshire, S75 5HG Classification: Vacuum Cleaners - Sales & Service Status: Active Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NE (NE)	191	-	431133 410022
50	<p>Contemporary Trade Directory Entries</p> <p>Name: Hamatts Mitsubishi Location: 47, Huddersfield Road, Darton, Bamsley, South Yorkshire, S75 5NF Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	185	-	430750 409990
51	<p>Contemporary Trade Directory Entries</p> <p>Name: Robert Thompson Location: Central Garage, Bamsley Road, Darton, Bamsley, South Yorkshire, S75 5NN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	199	-	431110 409730
52	<p>Contemporary Trade Directory Entries</p> <p>Name: Colouration International Location: A, 48, Roman Road, Darton, Bamsley, South Yorkshire, S75 5DD Classification: Dyers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SW (SW)	277	-	430746 409614
53	<p>Contemporary Trade Directory Entries</p> <p>Name: J C Wall & Son Recoveries Location: 11, High Close, Darton, Bamsley, South Yorkshire, S75 5RD Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	379	-	430560 410042
54	<p>Contemporary Trade Directory Entries</p> <p>Name: Padgett Bros Ltd Location: Darton Business Park, Bamsley Road, Darton, BARNSELEY, South Yorkshire, S75 5QX Classification: Toys, Games & Sporting Goods - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	389	-	431365 409982
55	<p>Contemporary Trade Directory Entries</p> <p>Name: Colour Craft Location: Darton Business Park, Bamsley Road, Darton, Bamsley, South Yorkshire, S75 5QX Classification: Screen Process Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A14SW (E)	431	-	431381 409716



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
55	Contemporary Trade Directory Entries Name: Egan Bros Road Haulage Location: Deame Mills, Bamsley Road, Darton, BARNSELEY, South Yorkshire, S75 5NH Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	451	-	431397 409704
55	Contemporary Trade Directory Entries Name: Stiller Osborne Logistics Location: Bamsley Road, Darton, Bamsley, South Yorkshire, S75 5NN Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	471	-	431424 409716
56	Contemporary Trade Directory Entries Name: Top Gear Autolure Location: 15, Kexbro Drive, Darton, Bamsley, South Yorkshire, S75 5EY Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	434	-	430570 409569
57	Contemporary Trade Directory Entries Name: Microprint Location: A, 25, Station Road, Darton, Bamsley, South Yorkshire, S75 5HT Classification: Printers - Glass, Metal, Plastics Etc. Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	458	-	431368 410152
58	Contemporary Trade Directory Entries Name: European Fleet Management Ltd Location: Deame Mills, Darton, Bamsley, South Yorkshire, S75 5NH Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NE (NW)	469	-	430532 410174
59	Contemporary Trade Directory Entries Name: Bsb Quality Clothing Ltd Location: Station Road, Darton, Bamsley, South Yorkshire, S75 5AF Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	649	-	431625 410014
60	Contemporary Trade Directory Entries Name: Premdor Ltd Location: Spring Ram Business Park, Huddersfield Road, Darton, Bamsley, South Yorkshire, S75 5JS Classification: Door Manufacturers - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	652	-	430597 410476
61	Contemporary Trade Directory Entries Name: P R Scaffolding Ltd Location: 17, Bence Lane, Darton, Bamsley, South Yorkshire, S75 5NX Classification: Scaffolding & Work Platforms Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	700	-	431213 409205
62	Contemporary Trade Directory Entries Name: Foilston Ltd Location: 27, Windsor Avenue, Darton, Bamsley, South Yorkshire, S75 5LN Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	717	-	430195 409906
63	Contemporary Trade Directory Entries Name: Carpet Express Ltd Location: Deame Mills, Darton, Bamsley, South Yorkshire, S75 5NH Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	792	-	431727 410177
64	Contemporary Trade Directory Entries Name: M & F Motors Location: Ballfield Lane Services Station, Ballfield La, Darton, Bamsley, South Yorkshire, S75 5EF Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	891	-	430027 409729



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
65	Contemporary Trade Directory Entries Name: M & F Ballfield Service Station Location: Ballfield La, Darton, Barnsley, South Yorkshire, S75 5EF Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	910	-	430018 409666
66	Fuel Station Entries Name: Central Garage Location: Barnsley Road, Darton, BARNSELY, South Yorkshire, S75 5NN Brand: MURCO Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A13SE (SE)	206	-	431115 409725



Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
67	Areas of Adopted Green Belt Authority: Bamsley Metropolitan Borough Council, Planning Department Plan Name: Bamsley Unitary Development Plan Status: Adopted Plan Date: 31st December 2000	A13NE (NE)	0	7	430971 409912
68	Areas of Adopted Green Belt Authority: Wakefield City Metropolitan District Council Plan Name: Wakefield Metropolitan District Unitary Development Plan First Alteration Status: Adopted Plan Date: 17th January 2003	A18NW (N)	976	6	430803 410883
69	Nitrate Vulnerable Zones Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	(W)	0	8	425000 409880



Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Wakefield City Metropolitan District Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	July 2008 June 2007 May 2007	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	July 2008	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	August 2008	As notified
Integrated Pollution Controls Environment Agency - North East Region	July 2008	Quarterly
Integrated Pollution Prevention And Control Environment Agency - North East Region	July 2008	Quarterly
Local Authority Integrated Pollution Prevention And Control Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Wakefield City Metropolitan District Council - Environmental Health Kirklees Metropolitan Borough Council - Environmental Health Department	February 2008 July 2008 October 2007	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Wakefield City Metropolitan District Council - Environmental Health Kirklees Metropolitan Borough Council - Environmental Health Department	February 2008 July 2008 October 2007	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Wakefield City Metropolitan District Council - Environmental Health Kirklees Metropolitan Borough Council - Environmental Health Department	February 2008 July 2008 October 2007	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	April 2008	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	August 2008	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	August 2008	As notified
Registered Radioactive Substances Environment Agency - North East Region	July 2008	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	September 2007	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	August 2007	Annually
Substantiated Pollution Incident Register Environment Agency - North East Region - Ridings Area	July 2008	Quarterly
Water Abstractions Environment Agency - North East Region	July 2008	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	July 2008	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 1999	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable




Data Currency

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	April 2008	Variable
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	April 2008	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	April 2008	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	April 2008	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	April 2008	Quarterly
Flood Defences Environment Agency - Head Office	April 2008	Quarterly
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - North East Region - Ridings Area	May 2008	As notified
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	July 2008	Quarterly
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area	May 2008	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area	May 2008	Quarterly
Local Authority Landfill Coverage Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Planning Services Wakefield City Metropolitan District Council - Environmental Health	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Kirklees Metropolitan Borough Council - Planning Services Wakefield City Metropolitan District Council - Environmental Health	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2008	Bi-Annually
Explosive Sites Health and Safety Executive	July 2008	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Barnsley Metropolitan Borough Council - Planning Department Kirklees Metropolitan Borough Council - Planning Services Wakefield City Metropolitan District Council	July 2008 June 2008 May 2008	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Barnsley Metropolitan Borough Council - Planning Department Kirklees Metropolitan Borough Council - Planning Services Wakefield City Metropolitan District Council	July 2008 June 2008 May 2008	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2008	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	As notified
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural and Mining Cavities Peter Brett Associates	December 2005	Variable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2008	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2008	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	Annually
Shallow Mining Hazards British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	May 2008	Quarterly
Fuel Station Entries Catalist Ltd - (Fuel Station Data)	June 2008	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Barnsley Metropolitan Borough Council - Planning Department Wakefield City Metropolitan District Council Kirklees Metropolitan Borough Council	December 2000 January 2003 March 1999	As notified As notified As notified
Areas of Unadopted Green Belt Barnsley Metropolitan Borough Council - Planning Department Wakefield City Metropolitan District Council Kirklees Metropolitan Borough Council	December 2000 January 2003 March 1999	As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2008	Annually
Environmentally Sensitive Areas Natural England	January 2008	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	June 2008	Bi-Annually
Marine Nature Reserves Natural England	June 2008	Bi-Annually
National Nature Reserves Natural England	June 2008	Bi-Annually
National Parks Natural England	January 2008	Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2003	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	May 2007	Annually
Ramsar Sites Natural England	June 2008	Bi-Annually
Sites of Special Scientific Interest Natural England	June 2008	Bi-Annually
Special Areas of Conservation Natural England	June 2008	Bi-Annually
Special Protection Areas Natural England	June 2008	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

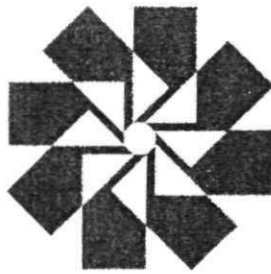
Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
3	Health and Safety Executive HSE Infoline, Caerphilly Business Park, Caerphilly, CF83 3GG	Telephone: 08701 545500 Fax: 02920 859260 Email: hseinformationservices@natbrit.com Website: www.hse.gov.uk
4	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
5	The Coal Authority - Mining Report Service 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
6	Wakefield City Metropolitan District Council Newton Bar, Wakefield, West Yorkshire, WF1 2TX	Telephone: 01924 306090 Fax: 01924 378532 Website: www.wakefield.gov.uk
7	Barnsley Metropolitan Borough Council - Planning Department Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
8	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
9	Wakefield City Metropolitan District Council - Environmental Health Newton Bar, Wakefield, West Yorkshire, WF1 2TX	Telephone: 01924 306090 Website: www.wakefield.gov.uk
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0870 850 6670 Fax: 0870 850 6671 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

**APPENDIX 4:
Mining Report**

CoalSearchPlus+
8, Mornington Terrace
Harrogate
North Yorkshire
HG1 5DH

Tel : 01423 529911
Fax : 01423 529922
DX 720352 Harrogate



COAL SEARCH PLUS +
Protecting your investment

By

David Bellis
CONSULTING SURVEYORS

Coal Mining Search Report

Incorporating Cheshire Brine Enquiries

COPSO
COUNCIL OF PROPERTY SEARCH ORGANISATIONS
AFFILIATE MEMBER

WWW.COALSEARCH.PLUS.COM

Serial Number 226451

Client detail :

Solmek
(Site Investigations) Ltd
12 Yarm Road
Stockton on Tees
Cleveland
TS18 3NA

CoalSearchPlus+ by David Bellis Consulting
Surveyors
8 Mornington Terrace
Harrogate
North Yorkshire
HG1 5DH
(DX 720352 Harrogate)

Tel 01423 529911
Fax 01423 529922

Practice Principal M JPeace BSc PgDip FGS

Property details:

Churchfield Lane
Darton
S75 5DQ

Your ref : STEPHEN FISK
Purchaser :
Vendor :

In accordance with your instructions received 21 Aug 2008 we have inspected plans and records of coal mine workings and have made enquiries with respect to Cheshire brine extraction in relation to the above property and can report as follows :

1. **SEAM DETAILS FOR PAST UNDERGROUND COAL MINING** : In relation to the property the undermentioned seam(s) have been worked within the likely zone of physical influence on the surface.

Seam	Depth (m)	Sect (cm)	Date	Remarks
Flockton Thick	126	52	1921	Subjacent
Fenton	176	241	1924	Adjacent

2. **SEAM DETAILS FOR CURRENT AND FUTURE UNDERGROUND COAL MINING** : The undermentioned seam(s) are currently being worked, or licenses to work are being determined, or have been granted to work, within the likely zone of physical influence on the surface in relation to the property.

Seam	Depth (m)	Sect (cm)	Date	Remarks
				Coal in reserve - no workings currently planned.

3. **UNDERLYING GEOLOGY** :

The property is situated in an area of High Moor Rock over Middle Coal Measures, shales and mudstones.

There are no faults or abnormal features relevant to the property.

Serial Number 226451

4. OPENCAST COAL MINING :

Past Opencast Workings : The property is not situated within the boundary of a former opencast coal mining site.

Present Opencast Workings : The property is not situated within 200m of the boundary of a currently operating opencast coal mining site.

Future Opencast Workings : The property is not situated within 800m of the boundary of an opencast site for which a license to extract coal by opencast methods has been granted or a license to do so is currently being determined.

5. SHAFTS, ADITS (MINE ENTRIES) AND ADDITIONAL INFORMATION :

We have no knowledge of any shafts or adits within 20 metres of the property or the boundary of the property.

There are no tips or lagoons in the vicinity of the property.

6. NOTICES IN RELATION TO FUTURE COAL MINING ACTIVITY :

We have no knowledge of any intention to work coal by underground methods , within influencing distance on the surface in the vicinity of the property, for which notices have been issued under the Coal Mining Subsidence Act 1991.

7. PAST COAL MINING RELATED SUBSIDENCE :

Our investigations have shown no evidence of coal mining related subsidence claims in relation to the property in the past 10 years.

8. CONCLUSION (COAL MINING) : In the light of the above facts we conclude that in relation to coal mining :

Old workings are present but all settlement is likely to have completed long ago. In our opinion it is unlikely that coal will be worked in the foreseeable future.

COAL MINING RISK LEVEL : We recommend that the transaction is treated as :

If development of the site is intended then it would be wise in our opinion to undertake all necessary enquiries and investigations prior to the commencement of works.

Please note that the overall coal mining risk level above is based upon an assessment of the detailed information contained in the body of the report. The risk assessment must be used in conjunction with the detailed report.

CHESHIRE BRINE EXTRACTION INFORMATION :

Serial Number 226451

The property lies outside the Cheshire Brine Compensation District as prescribed by the Cheshire Brine Pumping (Compensation for Subsidence) Act 1952.

With respect to coal mining there is nothing to prevent a claim being made under the provisions of the Coal Mining Subsidence Act 1991 and subsequent legislation, but it must not be inferred that the Coal Authority or their licensees will necessarily accept that any damage has been caused as a result of mining subsidence.

If you require any further information or amplification please contact CoalSearchPlus+ on 01423 529911 or via our website www.coalsearch.plus.com.

Note:

This search report is based upon plans and records currently available from third party organisations and the CoalSearchPlus+ mining record database. Third party organisations reserve the right to vary their proposals and intentions as to their future mining operations without prior notice save as provided in the Coal Mining (subsidence) Act 1991 and the Coal Industry Act 1994.

This is a Coal Mining Search Report and is not to be interpreted as being part of an Environmental Assessment of the property.

We cannot be held responsible for the accuracy of the information provided to us by third party organisations.

The information and/or material supplied is composed from data based in many cases on measurements and records of various standards of reliability and age. We cannot be held responsible for the accuracy of such information.

This report is prepared in accordance with the CoalSearchPlus+ terms and conditions as published on the CoalSearchPlus+ website (www.coalsearch.plus.com) on the date of issue of this report.

Date : 29 Aug 2008

Signed : *M. J. Peace*

**APPENDIX 5:
Notes on Limitations**

◆Solmek conditions of offer, notes on limitations & basis for contract (ref: version1/2008)

These conditions accompany our tender and supercede any previous conditions issued. Solmek will prepare a report solely for the use of the Client (the party invoiced) and its agent(s). No reliance should be placed on the contents of this report, in whole or in part by 3rd parties. The report, its content and format and associated data are copyright, and the property of Solmek. Photocopying of part or all of the contents, transfer or reproduction of any kind is forbidden without written permission from Solmek. A charge may be levied against such approval, the same to be made at the discretion of Solmek. Solmek is a trading name of Hymas Geoenvironmental Ltd.

Solmek cannot be held liable and do not warrant, or otherwise guarantee the validity of information provided by third parties and subsequently used in our reports. Solmek are not responsible for the action negligent of otherwise of subcontractors or third parties.

Site investigation is a process of sampling. The scope and size of an investigation may be considered proportional to levels of confidence regarding the ground and groundwater conditions. The exploratory holes undertaken investigate only a small volume of the ground in relation to the overall size of the site, and can only provide a general indication of site conditions. The opinions provided and recommendations given in this report are based on the ground conditions as encountered within each of the exploratory holes. There may be different ground conditions elsewhere on the site which have not been identified by this investigation and which therefore have not been taken into account in this report. Reports are generally subject to the comments of the local authority and Environment Agency. The comments made on groundwater conditions are based on observations made at the time that site work was carried out. It should be noted that mobile contamination, ground gas levels and groundwater levels may vary owing to seasonal, tidal and/or weather related effects. Solmek cannot be held liable for any unrecorded or unforeseen obstructions between exploratory boreholes and trial pits. This includes instances where previous structures on the site (buried man made structures) or the presence of boulder clay (cobbles and/or boulder obstructions) have been anticipated. All types of piling operations should make allowance for obstructions within the construction budget to accommodate this. Unrecorded ancient mining may occur anywhere where seams that have been worked and influence the rock and soil above. Dissolution cavities can occur where gypsum or chalk is present. Rotary drilling is the recommended technique to prove the integrity of the rock.

Where the scope of the investigation is limited via access to information, time constraints, equipment limitations, testing, interpretation or by the client or his agents budgetary constraints, elements not set out in the proposal and excluded from the report are deemed to be omitted from the scope of the investigation.

Desk studies are generally prepared in accordance with RICS guidelines. Environmental site investigations are generally undertaken as 'exploratory investigations' in accordance with the definitions provided in paragraph 5.4 of BS 10175:2001 in order to confirm the conceptual assumptions. You are advised to familiarize yourself with the typical scope of such an investigation. No pdmping of water will be undertaken unless a licence or facilities/equipment have been arranged by others.

Where the type, number or/and depth of exploratory hole is specified by others, Solmek cannot and will not be responsible for any subsequent shortfall or inadequacy in data, and any consequent shortfall in interpretation of environmental and geotechnical aspects which may be required at a later date in order to facilitate the design of permanent or temporary works.

All information acquired by Solmek in the course of investigation is the property of Solmek, and, only also becomes the joint property of the Client only on the complete settlement of all invoices relating to the project. Solmek reserve the right to use the information in commercial tendering and marketing, unless the Client expressly wishes otherwise in writing. The quoted rates do not include VAT, and payment terms are 30 days from dispatch of invoice from our offices. Quotes are subject to a site visit.

We have allowed for 1 mobilisation and normal working hours unless otherwise stated. The scope of the investigation may be reviewed following the desk study and/or fieldwork. The presence or otherwise of Japanese Knotweed or other invasive plants can be difficult to identify especially during winter months. If Japanese Knotweed or other invasive species are suspect, it should be confirmed by an ecologist. We have not allowed for acquiring services information, and cannot be responsible for damage to underground services or pipes not shown to us or not clearly shown on plans. Costs incurred will be passed on to you, and in commissioning Solmek you understand and accept that you/your agent have a contractual relationship with Solmek & you accept this. Our rates assume unobstructed, reasonably level and firm access to the exploratory positions and adequate clear working areas and headroom. We have priced on the basis that you or your client have the necessary permissions, wayleaves and approvals to access land. All boreholes and pits are backfilled with arisings except where gas monitoring pipes are installed with stopcock covers. Solmek are not responsible for any uneven surfaces as a result of siteworks and rutting and backfilled excavations may require re-levelling and/or making good by others after fieldwork is complete, and Solmek has not allowed for this. No price has been provided or requested for a return visit to remove pipework and covers. Hourly rates apply to consultancy only and do not include expenses unless otherwise shown. If warranties are required, legal costs incurred will be passed on to you assuming Solmek agree to complete such warranties, modified or otherwise and you understand and agree to pay all costs.

We advise you/your client that we may elect to pursue our statutory rights under late payment legislation, and will apply 8% to the base rate for unreasonably late payments. Solmek are exempt from the CIS Scheme. Solmek offer to undertake work only in strict accordance with conditions covered by our current insurances, which are available for inspection. Solmek are not responsible for acts, negligent or otherwise of subcontractors and as a matter of policy cannot indemnify any other parties. Professional indemnity Insurance is limited to ten times the invoice net total except where stated otherwise by Solmek. Solmek give notice that consequential loss as a direct or indirect result of Solmek's activities or omission of the same are excluded.