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ENVIRONMENTAL CONSULTANTS

# Land to the Rear of 26 Cross Lane, Royston

## Phase 1 Site Investigation Report

## William Smith (Wakefield) Ltd




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**July 2012**

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**Phase 1 Site Investigation Report**

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# Executive Summary

| | | |
|---|---|---|
| **Site Location** | The site is located off Cross Lane, Royston, Barnsley and covers an area of 0.4 hectares. The National Grid Reference is 437280, 411570. | |
| **Current Site Use** | The site is grassed with several areas of trees and bushes. An access track crosses the north of the site, leading to a garage / barn and a stable. The site is currently used as pasture for horses. | |
| **Previous Site Uses** | The site was used as allotments from approximately 1917 to 1962, with the western part being an orchard from 1962 until approximately 1994. | |
| **Proposed Site Use** | The proposed site use is for residential housing with gardens. | |
| **Geology** | Drift: | None present in the vicinity of site. |
| | Solid: | Carboniferous Pennine Middle Coal Measures. |
| | Faults: | One shown immediately north of site. |
| **Environmental Consideration** | Landfills: | Three historic landfills within 250m of the site, *including one within 20m.* |
| | Radon: | No radon protection measures required. |
| | Pollution: | No pollution incidents recorded that would affect the site. |
| | Groundwater: | Underlying solid strata are a Secondary A Aquifer. Not within a groundwater Source Protection Zone. No abstraction points for potable water within 1km. |
| | Surface Water: | No significant surface watercourses in the vicinity of the site. |
| **Preliminary Contamination Assessment** | There is a potential for soil contamination to be present as a result of previous uses of the site and adjoining areas. There is also a risk for potential contaminant linkages to human health to exist following residential redevelopment.<br><br>Sulphates could be present in sub-soils, which would pose a risk to sub-surface concrete for proposed structures.<br><br>There is a low risk from pollution of controlled waters from the site.<br><br>A former landfill site is located 20m to the north-east of the site, which could be a source of ground gases. | |
| **Recommendations** | A Phase 2 site investigation is recommended in order to determine the actual risks from the potential contamination linkages identified.<br><br>Window sampling should be carried out in order to allow sampling of site soils for laboratory testing, the installation of gas monitoring wells and to provide information for a geotechnical assessment.<br><br>Gas monitoring should be undertaken on 12 occasions over a 6 month period, subject to review following several monitoring visits. | |

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# 1 Introduction

## 1.1 Terms of Reference

1.1.1 Ecus Ltd (hereafter Ecus) was commissioned by William Smith (Wakefield) Ltd to provide a Phase 1 Site Investigation for a site to the rear of 26 Cross Lane, Royston, Barnsley, hereafter referred to as 'the site'.

1.1.2 To complete the Phase 1 Site Investigation, a site walkover and assessment of current activities has been undertaken, together with an investigation into land use history and a review of local environmental conditions.

1.1.3 The results of the investigation are presented in Section 2 of this report and Section 3 draws together a preliminary conceptual model and risk assessment. Section 4 presents conclusions and recommendations. Appendices A - D provide supporting information.

## 1.2 Objectives of the Phase 1 Site Investigation

1.2.1 The assessment has been carried out in general accordance with the requirements of British Standard BS10175 (2011) – Code of Practice for the Investigation of Potentially Contaminated Sites.

1.2.2 The general objectives of the assessment are as follows:

- To provide information on past and current uses of the site and surrounding area, and the nature of hazards and physical constraints;
- To identify receptors, potential sources of contamination, likely pathways and any features of immediate concern;
- To provide information on the geology, hydrogeology and hydrology of the site to assist in establishing the conceptual model;
- To provide an initial conceptual model of the nature and extent of potential contamination;
- To provide recommendations for the development of the site based on the information obtained.

## 1.3 Future Site Use

1.3.1 It is understood that proposals for the site are to construct a number of residential houses with associated access roads, gardens etc. A proposed site layout plan has been provided; this is presented as Figure A3 in Appendix A.

1.3.2 This report has been produced with that end use in mind; any proposed change in use may result in a need for additional assessment.

## 1.4 Sources of Information

1.4.1 Table 1 presents sources of information that have been consulted during this assessment.

**Table 1: Sources of Information**

| Source | Details |
|---|---|
| Project architect | The architect provided information on proposed site development plans and on the former uses of the site. |
| Site Walkover | Information about the site was gained from visual inspection during a site walkover. |
| Landmark Envirocheck Report | Presented in Appendix C and containing historical mapping and records of environmental information for the surrounding area. |
| British Geological Survey (BGS) | BGS 1:50,000 scale Geological Map No. 87, Barnsley (Bedrock & Superficial Deposits edition) was consulted for geological information relating to the site and surrounding area. |

# 2 Findings of the Phase 1 Investigation

## 2.1 Site Location and Current Condition

2.1.1 The site is approximately 0.4 hectares in area, and is situated off Cross Lane, Royston, Barnsley. Figure A1, Appendix A shows the location of the site which centres on National Grid Reference 437280, 411570.

2.1.2 A site walkover was carried out on 13th June 2012. Figure A2, Appendix A shows the current layout of the site. Photographs of the site are presented in Appendix B.

## 2.2 Site Description

2.2.1 The site is an approximately rectangular plot of land lying to the rear of 26 Cross Lane. The site also encompasses 26 Cross Lane and its curtilage, including an access track located to the north of the house.

2.2.2 The site to the rear of the house comprises part of an open area consisting of a grassed field with several areas of mature and semi-mature trees around the site boundaries and adjacent to the access track. The site is currently used as pasture for horses.

2.2.3 There are some temporary wooden structures on the site as a whole, including two open-sided garages / barns and a stable. Only the garage / barn structure and the stable nearest to Cross Lane are actually located within the proposed development site.

2.2.4 The site is bounded by wooden and post and mesh fences, with some stretches of overgrown bushes acting as rough hedges. Some wood and wire pens / cages are present adjacent to the northern and southern boundaries; these are believed to have been used to keep birds.

## 2.3 Topography and Ground Cover

2.3.1 The site lies at an elevation of approximately 50m above Ordnance Datum (AOD) at the furthest south-eastern corner. From here, the site slopes gently up towards the north and west, with the current site entrance off Cross Lane being the highest point, at approximately 53m AOD.

2.3.2 The north of the site comprises a rough asphalt-surfaced track, leading from Cross Lane to the garage-structure off site to the east. Apart from the house and garden, the rest of the site is grass-surfaced with trees and bushes.

## 2.4 Underground Structures and Services

2.4.1 Apart from the drainage from, and services to the house, no underground structures or services were indicated to be present by the client's representative.

## 2.5 Potential Contaminant Sources Noted During the Site Walkover

2.5.1 The following potential sources of contamination were noted during the site walkover:

- Some areas of the site were being used for storage of waste items, including buildings materials;
- Given the presence of the access track and the garage structures, it is likely that vehicles will have been parked on the site in the past, which could potentially have been a source of hydrocarbon contamination.

## 2.6 Visual Evidence of Contamination Noted During the Site Walkover

2.6.1 No visual evidence of gross soil contamination was noted during the site walkover survey.

## 2.7 Current Surrounding Land Use

2.7.1 Current land use directly surrounding the site is outlined in Table 2.

**Table 2: Current Surrounding Land Use**

| Direction | Land Use |
|---|---|
| North | Residential housing and gardens adjacent to Cross Lane. |
| East | Continuation of site, with horse ménage, with railway beyond. |
| South | New development of residential housing. |
| West | Residential housing and gardens adjacent to Cross Lane. |

## 2.8 Historical Land Use

2.8.1 Historical Ordnance Survey mapping was obtained by commissioning a Landmark Envirocheck report for the site.

2.8.2 The historical maps are presented in Appendix C. A description of the historical use of the site is presented in Table 3. Table 3 also describes surrounding land uses where it is considered that these may influence the contamination potential of the site.

**Table 3: Historical Use of the Site and Surrounding Land (all distances are approximate)**

| Map Date | Land use within the site boundary | Potentially significant surrounding land use |
|---|---|---|
| 1854 | Site is undeveloped; comprises part of a field. | The Barnsley Canal is shown c. 55m north-west at its nearest point.<br>The Midland Railway is c. 75m east of the site. |
| 1893-95 | No significant changes shown. | Cross Lane is present to the west, with some housing shown to the north-west of the site.<br>Monckton Main Colliery shown c. 500m north.<br>Canal now marked as Aire & Calder Navigation (Barnsley Branch). |
| 1906-08 | No significant changes shown. | Sewage Works present immediately south of site.<br>Further railway lines with station and goods shed present to within 35m of the site's eastern boundary.<br>Gasometer marked c. 180m north.<br>Colliery shown to cover larger area, with spoil heaps to south. |
| 1917-18 | Site marked as Allotment Gardens. | Houses shown immediately north of the site access track. |
| 1932-33 | No significant changes shown. | No significant changes shown. |
| 1938-48 | No significant changes shown. | Further housing shown to south of Sewage Works. |
| 1956 | No significant changes shown. | No significant changes shown. |
| 1962 | House (No. 26 Cross Lane) shown on west of site.<br>Main part of site shown split into two parcels of land, with west side shown as Orchard and the east marked as having Non-coniferous trees and Scrub groundcover. | Sewage Works no longer shown.<br>Further housing development along Cross Lane, to the west of the site. |
| 1966 | No significant changes shown. | No significant changes shown. |
| 1975-77 | No significant changes shown. | Further housing development to west of Cross Lane.<br>Much of the railway, including the station no longer shown. |
| 1981 | No significant changes shown. | No significant changes shown. |
| 1990-93 | No significant changes shown. | No significant changes shown. |
| 1994-95 | Track shown crossing north of site, leading to building off site to the east. | No significant changes shown. |
| 2006 | No significant changes shown. | Monckton Main Colliery shown as Mine (disused). |
| 2012 | No significant changes shown. | No significant changes shown. |

***Summary of Site History***

2.8.3 The earliest available maps show that the site was undeveloped, comprising part of a field. The site was in use as allotment gardens by 1917 and part of the site as an orchard by 1962. By 1994 a track is shown crossing the north of the site.

2.8.4 Off-site, there has been much development of residential housing, with some nearby areas of industrial land use (railways, sewage works, coal mine etc.).

## 2.9 Geology, Hydrogeology and Hydrology

***Geology***

2.9.1 The geological map for the area has been studied to infer the likely geology of the site and surrounding area.

2.9.2 The site is shown to be underlain by solid strata of the Carboniferous Pennine Middle Coal Measures Formation, comprising mudstone, siltstone and sandstone. No drift deposits are shown to affect the site.

2.9.3 No coal seams are shown in the immediate vicinity of the site. The Sharlston Top seam is shown approximately 500m south of the site, dipping towards the north, beneath the site. An assessment of the likely dip of the coal seam has indicated that the coal is likely to lie at a depth of over 100m below ground level (bgl) in the vicinity of the site.

2.9.4 One fault is shown in the vicinity, lying to the north of the site. This trends east-west in this area, with the northern side being downthrown.

***Hydrogeology***

2.9.5 The solid strata underlying the site are classified by the Environment Agency (EA) as a Secondary A Aquifer (formerly a Minor Aquifer). The EA describe these aquifers as 'permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers'.

2.9.6 The site is not located within a groundwater Source Protection Zone, set by the Environment Agency for the protection of potable groundwater resources.

2.9.7 The Envirocheck report indicates that there are no currently licensed groundwater abstractions within 1km of the site.

2.9.8 The Envirocheck report does not list any licensed discharge consents to groundwater located within 500m of the site.

***Hydrology***

2.9.9 The Envirocheck report indicates that the nearest surface water feature to the site is a canal, located approximately 55m to the north-west; the former Aire and Calder Navigation (Barnsley Branch) which is now disused. Also present is a small watercourse, located approximately 75m north-east of the site, which passes beneath the railway line and into Sandybridge Dike, a tributary of the River Dearne.

2.9.10 The Envirocheck report indicates that there are no currently licensed surface water abstractions within 500m of the site.

2.9.11 The Envirocheck shows that there are no active discharge consents to surface water which relate to the site.

## 2.10 Pollution Incidents

2.10.1 There are no recorded instances of pollution of controlled waters recorded within the Envirocheck report which relate to the site or are considered likely to have affected the contamination status of the site.

## 2.11 Landfill Sites and Waste Management Licences

2.11.1 There are three historical landfill site within 250m of the site recorded within the Envirocheck report, as detailed below:

- Land off Cross Lane, 20m north-east. Deposited wastes include Household Waste.
- Poplar Terrace, 90m north. No further information given.
- Land off Midland Road, 140m north. Deposited wastes include Inert & Commercial Waste.

2.11.2 There are three Local Authority recorded landfill sites within 250m of the site. The nearest two relate to the first two sites recorded above. One further site is located 124m south-east and appears to form part of a historical landfill site known as Cudworth North Junction. Wastes deposited included Inert, Industrial, Commercial, Household, Special Waste and Liquid Sludge.

2.11.3 There is one registered waste treatment site in the vicinity, located 95m to the north. This relates to the storage of spent iron oxide from the desulphurisation of coke oven gas at Monckton Coke and & Chemical Co. Ltd.

2.11.4 There are no currently registered waste transfer sites located in the vicinity of the site.

## 2.12 Sensitive Land Uses

2.12.1 The Envirocheck report indicates that the site is not located in proximity to a sensitive land use, such as a local nature reserve or site of special scientific interest.

## 2.13 Radon

2.13.1 The Envirocheck report states that the site is located within an area where no radon protective measures are required for new dwellings.

## 2.14 Flood Risk

2.14.1 According to the Envirocheck report, the site is located within Flood Zone 1, the lowest risk category in the Environment Agency's classification system.

## 2.15 Coal Mining

2.15.1 A Coal Authority Mining Report was obtained for the site, a copy of which is included in Appendix D.

2.15.2 In summary, the report states that:

- The property is in the likely zone of influence from workings in 3 seams of coal at 270m to 410m depth and last worked in 1960. Any ground movement from these should have stopped by now.
- The property is not in the likely zone of influence of any present or planned future underground workings. However, reserves of coal exist in the locality which could be worked at some time in the future.
- There are no known coal mine entries within, or within 20 metres of, the boundary of the property.
- The property is not within the boundary of, or within influence of, any past, present or planned future opencast coal mine.

# 3 Preliminary Conceptual Model and Risk Assessment

## 3.1 Potential Contaminants and Sources

3.1.1 The following sections provide an indication of the potentially contaminative activities that have been carried out throughout the historical use of the site and the surrounding land. Likely associated contaminants are also identified. It should be noted that the activities identified may not necessarily have resulted in contamination of the ground.

***On-Site***

3.1.2 The site is known to have been used as allotment gardens since before 1917 and as an orchard from sometime between 1917 and 1962. It is known that allotment soils can contain a range of potential contaminants due to either atmospheric deposition from industrial sources, or from substances introduced by the allotment holder such as wood ash, chimney soot or inorganic pesticides[1]. In addition, orchard soils can contain various contaminants, such as lead and arsenic, due to their use in pesticides[2]. The use of lead-arsenate pesticides was diminishing by the 1960s[3], but it is possible that these or other potentially contaminating pesticides were used at the site. Asbestos can also be associated with allotments due to the use of asbestos-cement sheeting in the construction of temporary structures.

3.1.3 An asphalt access track is present crossing the north of the site. This leads to a barn-style building which is likely to have been used for parking of vehicles.

3.1.4 Some waste materials were noted to be stored behind the barn in the centre of the site; however, no specific evidence for contamination related to these materials was noted (see Photographs in Appendix B).

***Off-Site***

3.1.5 The site is within 250m of three closed landfill sites, including one within 20m, which was used for putrescible household waste. Migration of landfill gases onto the site, including methane and carbon dioxide from the landfills is possible[4].

## 3.2 Potential Pathways and Receptors

3.2.1 Table 4 details and discusses the potential pathways and receptors identified during the Phase 1 investigation for any contaminants that may be present in the ground at the site.

3.2.2 Some pathway-receptor linkages highlighted in the table are not considered likely to be active for the reasons specified in the comments section.

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[1] Alloway, B.J., 2004. *Contamination in Soils in Domestic Gardens and Allotments: A Brief Overview.* Land Contamination & Reclamation, 12 (3), 2004. EPP Publications Ltd. Available from: http://www.qros.co.uk/Contamination%20of%20soils%20in%20domestic%20gardens%20and%20allotments-%20A%20brief%20overview.pdf [Accessed July 2012].

[2] Martin, I., De Burca, R., Morgan, H., 2009. *Soil Guideline Values for Arsenic in Soil. Science Report SC050021 / arsenic SGV.* Environment Agency. Available from: http://www.environment-agency.gov.uk/static/documents/Research/SCHO0409BPVY-e-e.pdf [Accessed July 2012].

[3] ATSDR, 2007. *Toxicological profile for arsenic.* Atlanta, GA: US Department of Health and Human Services, Agency for Toxic Substances and Disease Registry. Available from: http://www.atsdr.cdc.gov/toxprofiles/tp2.pdf [Accessed June 2012].

[4] The Building Regulations 2000. *Approved Document C: Site Preparation and Resistance to Contaminants and Moisture.*

**Table 4: Potential Pathways and Receptors**

| Potential Pathway | Potential Receptor | Comment |
|---|---|---|
| Dermal contact with soil. | Future residents. | Future residents and site users could come into contact with contaminated soils in garden and soft landscaped areas. |
| Intake via direct ingestion of soil and contaminated dusts indoors and outdoors. | Future residents. | See above. Contaminated soils can be tracked indoors to form dusts which are inhaled and ingested. |
| Intake via consumption of fruit and vegetables grown on the site, and attached soils. | Future residents. | Exposure to contaminated soils may occur via consumption of home-grown produce and any attached soils. |
| Intake via inhalation of soil vapours and ground gases indoors and outdoors / methane explosion. | Future residents. | Soils contaminated by volatile contaminants, e.g., petrol, have potential to release hazardous vapours into future buildings, which can then be inhaled by residents and site users.<br>Ground gases can also be generated by landfilled material. These can migrate through the sub-surface and collect within confined spaces, e.g. buildings. |
| Direct contact with site soils. | Foundations of proposed buildings. | Some contaminants, including sulphates and acids, may adversely affect building foundations. |
| Migration through soil / groundwater. | Controlled waters: groundwater. | The underlying strata are classified as a Secondary Aquifer, likely to be overlain by clay soils of low to moderate leaching potential.<br>The site is not located within a Source Protection Zone. |
| | Controlled waters: surface water. | There are no significant water courses located within close proximity to the site. |
| | Off-site residents. | Residential properties are located to the north, west and south of the current development site, which could be affected if contamination migrates off the site. |

## 3.3 Preliminary Conceptual Model

3.3.1 The conceptual model for the site identifies potential pollutant linkages based on the information collated in this Phase 1 Site Investigation, and an understanding of the way that the potential contaminants at the site are likely to behave in the environment. The comments presented in Table 4 have been considered in producing the model and source-pathway-receptor linkages that are not likely to be active have not been included.

3.3.2 For the purpose of the conceptual model, groups of contaminants that (in most circumstances) behave in a similar way in the environment have been grouped and linked to potential pathways and receptors. Table 5 shows the identified potential organic contaminants and Table 6 shows the potential inorganic contaminants that have been identified. Not all potential contaminants have been included in the conceptual model, only those that are considered significant at this stage.

3.3.3 The key for Tables 5 and 6 is as follows:

KEY: LOW – potential risks associated with the presence of the contaminant linkage are low and further assessment or remediation is not considered necessary.

MOD – potential risks associated with the presence of the contaminant linkage are moderate and further assessment or remediation should be considered.

HIGH – potential risks associated with the presence of the contaminant linkage are high and further assessment or remediation is considered necessary.

N/A – The contaminant has no potential to affect the receptor via this exposure pathway.

**Table 5: Summary Conceptual Model and Risk Assessment - Organic Contaminants**

| Receptors and pathways | Petroleum Hydrocarbons | PAH | Ground Gases (Methane & $CO_2$) | Notes |
|---|---|---|---|---|
| **Human health (on site)** | | | | |
| Dermal contact with soil | MOD | HIGH | N/A | Topsoil present within allotment gardens and/or orchards can potentially contain a range of contaminants, including PAHs. |
| Direct ingestion of soil & dusts | MOD | HIGH | N/A | It is possible that topsoil present on the site may be re-used within garden areas following redevelopment of the site. |
| Intake via consumption of fruit and vegetables grown on the site, and attached soils. | MOD | HIGH | N/A | The site is located within 250m of three former landfill sites, with the closest being located within 20m of the site. |
| Intake via inhalation of soil vapours and ground gases indoors and outdoors / methane explosion. | MOD | MOD | HIGH | Migration of landfill gases including methane and carbon dioxide from the landfills is possible. |
| **Human health (off site)** | | | | Residential properties are located in proximity to the site. Migration of contaminants off site may occur if groundwater pathways are active. |
| Migration of contaminants, gases and vapours off-site through soil / groundwater to neighbouring properties, followed by exposure via pathways described above. | LOW | LOW | N/A | However, the site is likely to be underlain by low-permeability clay soils which would prevent or retard off-site migration of contaminants via groundwater flow. |
| **Buildings** | | | | High concentrations of hydrocarbon contamination can prevent concrete curing correctly, although this is considered unlikely to be present. |
| Concrete foundations | MOD | LOW | N/A | |
| **Controlled Waters** | | | | No gross hydrocarbon contamination encountered. |
| Migration to groundwater within Minor Aquifer | LOW | LOW | N/A | Groundwater below the site is considered to have moderate to low sensitivity due to being a secondary aquifer and distant from any groundwater abstractions or significant surface water courses. |
| Migration to surface water via groundwater | LOW | LOW | N/A | |

**Table 6: Summary Conceptual Model - Inorganic Contaminants**

| Receptors and pathways | Heavy Metals | Sulphates | pH | Asbestos | Notes |
|---|---|---|---|---|---|
| **Human health (on site)** | | | | | |
| Dermal contact with soil | HIGH | N/A | N/A | N/A | Topsoil present within allotment gardens and/or orchards can potentially contain a range of inorganic contaminants, including Heavy Metals and Asbestos. |
| Direct ingestion of soil & dusts | HIGH | N/A | N/A | HIGH | It is possible that topsoil present on the site may be re-used within garden areas following redevelopment of the site. |
| Intake via consumption of fruit and vegetables grown on the site, and attached soils. | HIGH | N/A | N/A | N/A | Fruit and vegetables may take up Heavy Metals from contaminated soils, but not Asbestos. |
| Intake via inhalation of soil vapours and ground gases indoors and outdoors / methane explosion. | LOW | N/A | N/A | N/A | The inorganic contaminants potentially present on site do not have the potential to release hazardous vapours. |
| **Human health (off site)** | | | | | |
| Migration of contaminants, gases and vapours off-site through soil / groundwater to neighbouring properties, followed by exposure via pathways described above. | LOW | N/A | N/A | LOW | Residential properties are located in proximity to the site. Migration of contaminants off site may occur if groundwater pathways are active. However, the site is likely to be underlain by low-permeability clay soils which would be expected to prevent or retard off-site migration of contaminants via groundwater flow. |
| **Buildings** | | | | | Sulphates and soil pH can adversely affect sub-surface concrete. |
| Concrete foundations | N/A | HIGH | HIGH | N/A | Other inorganic contaminants potentially present do not have the potential to have adverse effects on concrete. |
| **Controlled Waters** | | | | | |
| Migration to groundwater within Minor Aquifer. | LOW | LOW | LOW | N/A | Groundwater below the site is considered to have moderate to low sensitivity due to being a secondary aquifer and distant from any groundwater abstractions or significant surface water courses. |
| Migration to surface water via groundwater flow. | LOW | LOW | LOW | N/A | Asbestos is insoluble and does not affect water quality. |

## 3.4 Risk Assessment Summary

***Human Health***

3.4.1 It is considered possible that the historical uses of the site may have introduced some potential organic and inorganic contaminants into shallow soils at the site.

3.4.2 Should topsoil currently present on the site be re-used in garden areas of the development, this could be a source of contamination following redevelopment.

3.4.3 There are three historical landfill sites located within 250m of the site. Given the proximity of the nearest landfill to the site (20m), plus the source of waste being given as household waste, the risk from landfill gases is considered to be high at this stage.

***Controlled Waters***

3.4.4 The strata underlying the site are classified as being a Secondary A Aquifer (formerly Minor Aquifer). The site is not within a groundwater source protection zone. No gross contamination was encountered at the site, and groundwater resources at the site are not considered to be a sensitive environmental receptor. Therefore the risk from groundwater pollution is considered low.

3.4.5 Due to the distance between the site and surface water courses, the risk from migration of contaminants to surface waters is considered to be low.

***Building Materials***

3.4.6 Coal Measures strata are known to potentially contain high concentrations of sulphates with the potential to adversely affect sub-surface concrete, including foundations[5]. It is therefore recommended that samples of the likely founding strata are taken and submitted for chemical analysis for sulphates and pH, in line with BRE Special Digest 1, in order to specify a suitable concrete type.

[5] BRE (2005) Special Digest 1 – Concrete in Aggressive Ground.

# 4 Conclusions and Recommendations

## 4.1 Conclusions

4.1.1 The Phase 1 Site Investigation has revealed that:

- In 1854 the site was undeveloped, comprising part of a field. The site was in use as allotment gardens by 1917 and part of the site as an orchard by 1962. By 1994 a track is shown crossing the north of the site.
- Off-site, there was much development of residential housing with some areas of industrial land use (including railways, sewage works, coal mine and coking works).
- The site currently comprises a plot of grassed land with several areas of trees and bushes, used as pasture for horses.
- The topsoil present on site has been identified as a potential source of contamination, due to the site's past uses as allotment gardens and an orchard.
- There is considered to be a potential risk to sub-surface concrete (foundations etc.) from sulphates in sub-soils.
- The risk of pollution of controlled waters is considered to be low.
- The former landfill sites located in the vicinity of the site have been identified as a potential source of ground gases.

## 4.2 Recommendations

4.2.1 A Phase 2 intrusive site investigation is recommended in order to determine the actual risks from the potential contaminant linkages identified in this report, and to provide sufficient geotechnical information for the safe and economical design of foundations and ground floor slabs, etc. for the proposed development.

4.2.2 It is recommended that the site investigation comprises a number of small diameter, window sample boreholes to allow sampling of site soils for laboratory analysis and to install groundwater and gas monitoring wells. Standard penetration tests (SPTs) and hand shear vane readings should be undertaken in clay soils.

4.2.3 Sampling of site soils should be undertaken with analysis of a range of chemical parameters and potential contaminants. These should include heavy metals, speciated petroleum hydrocarbons, polycyclic aromatic hydrocarbons (PAH) and asbestos.

4.2.4 Soil testing for pH, water soluble sulphate, acid soluble sulphate and total sulphur should be undertaken during construction in order to specify a suitable concrete mix for the sulphate concentration within site soils, in accordance with BRE Special Digest 1.

4.2.5 In accordance with CIRIA guidance on hazardous ground gases[6], the potential source of ground gases is of Moderate generation potential (old landfill), with the sensitivity of development being classified as High (residential with gardens).

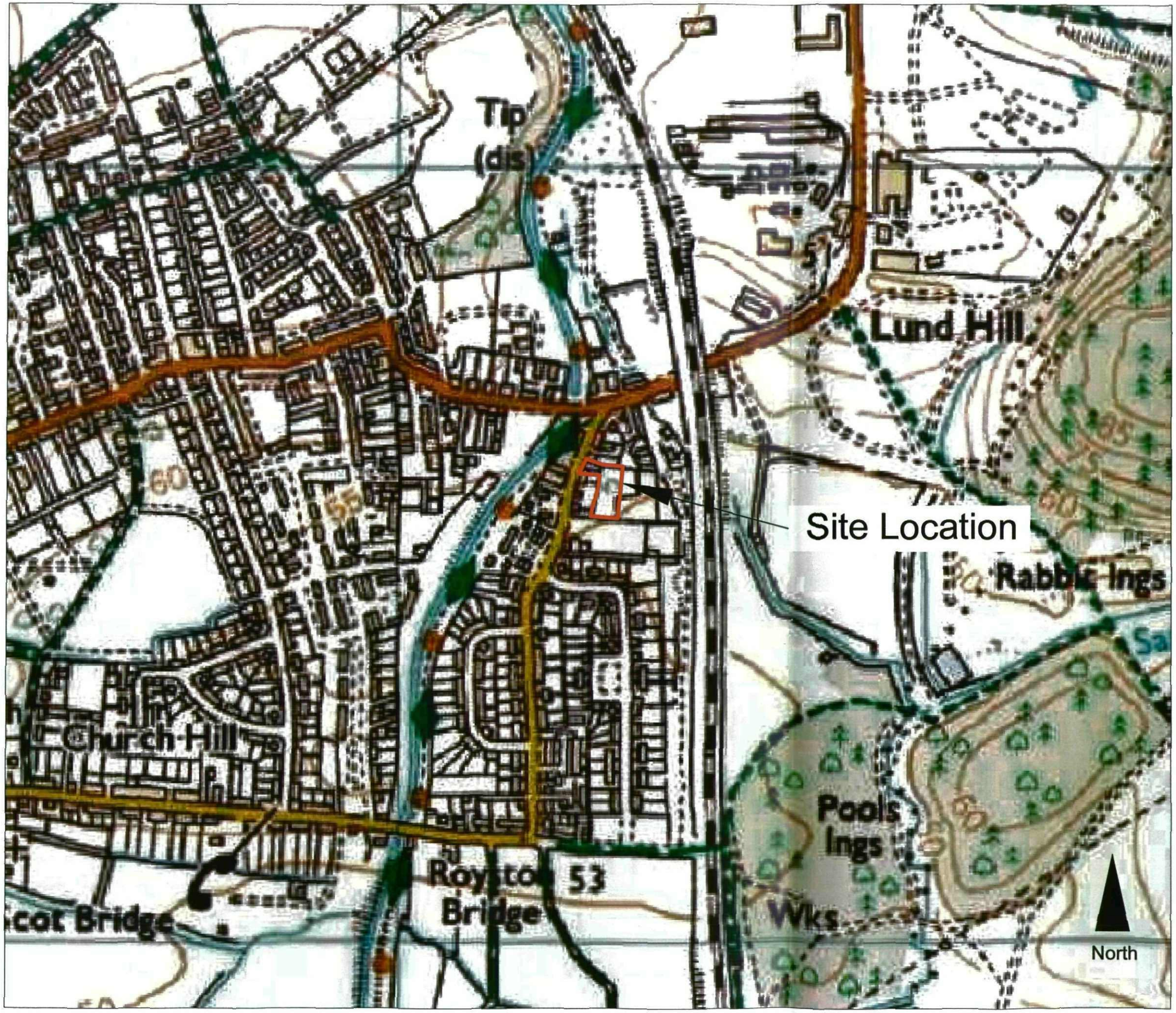
4.2.6 Therefore, gas monitoring should ideally be undertaken on twelve occasions over a six-month period in order to determine the extent of gas protection measures required. However, it is possible that the monitoring period could be modified should initial gas monitoring visits prove an absence of landfill gas under ideal atmospheric conditions (i.e. low and falling pressure) on several occasions.

[6] CIRIA Report C665. 2007. Assessing risks posed by hazardous ground gas to buildings.

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# Appendix A: Site Location and Layout Plans

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Phase 1 Site Investigation

Cross Lane, Royston

Job No. 3604

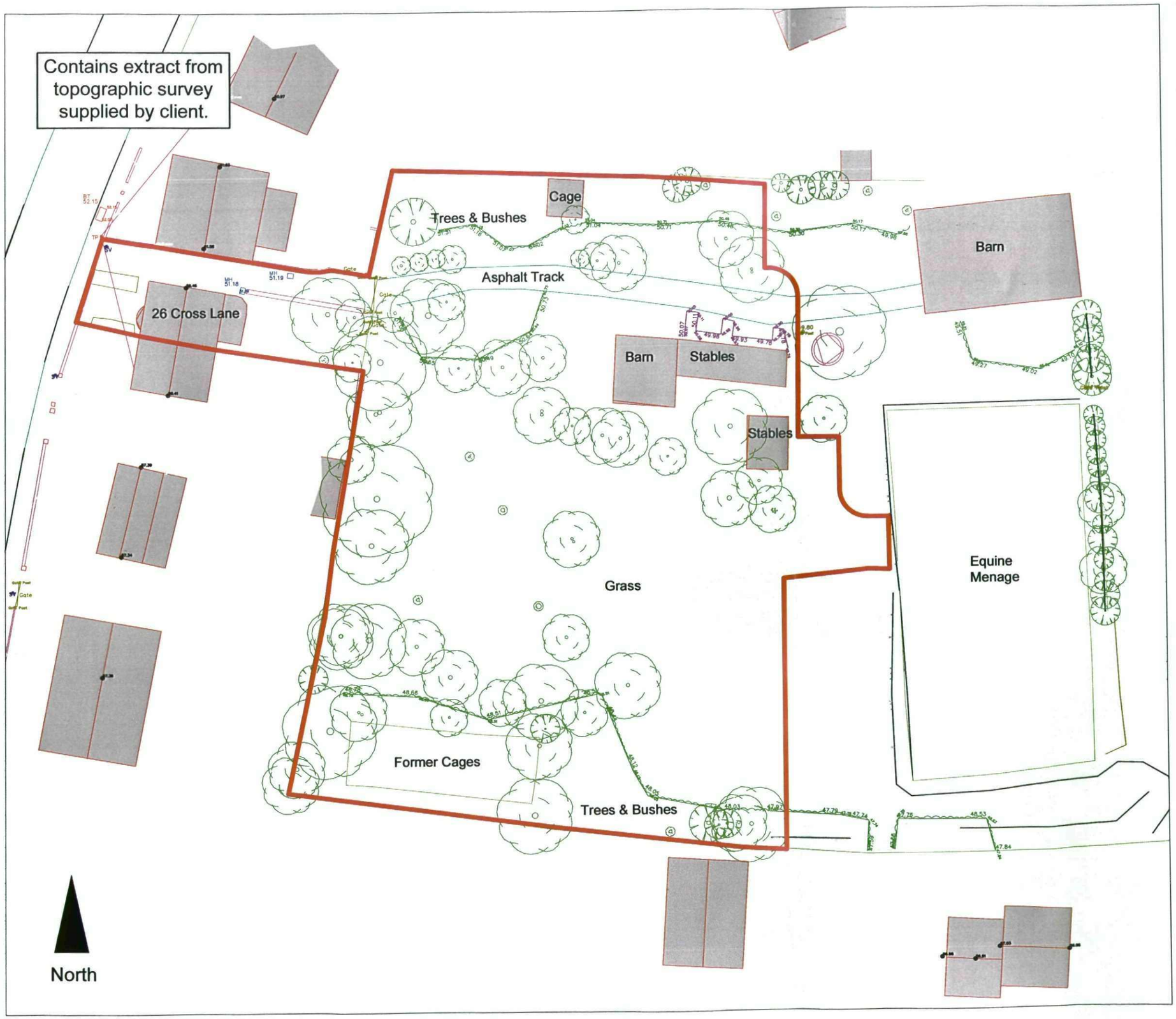
Site Location Plan

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■tel: 0114 266 9292 ■ www.ecusltd.co.uk

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Date: July 2012 | Scale: 1:5,000 @ A3 | Figure: A1

Contains extract from topographic survey supplied by client.




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Proposed site boundary

# Phase 1 Site Investigation

Cross Lane, Royston

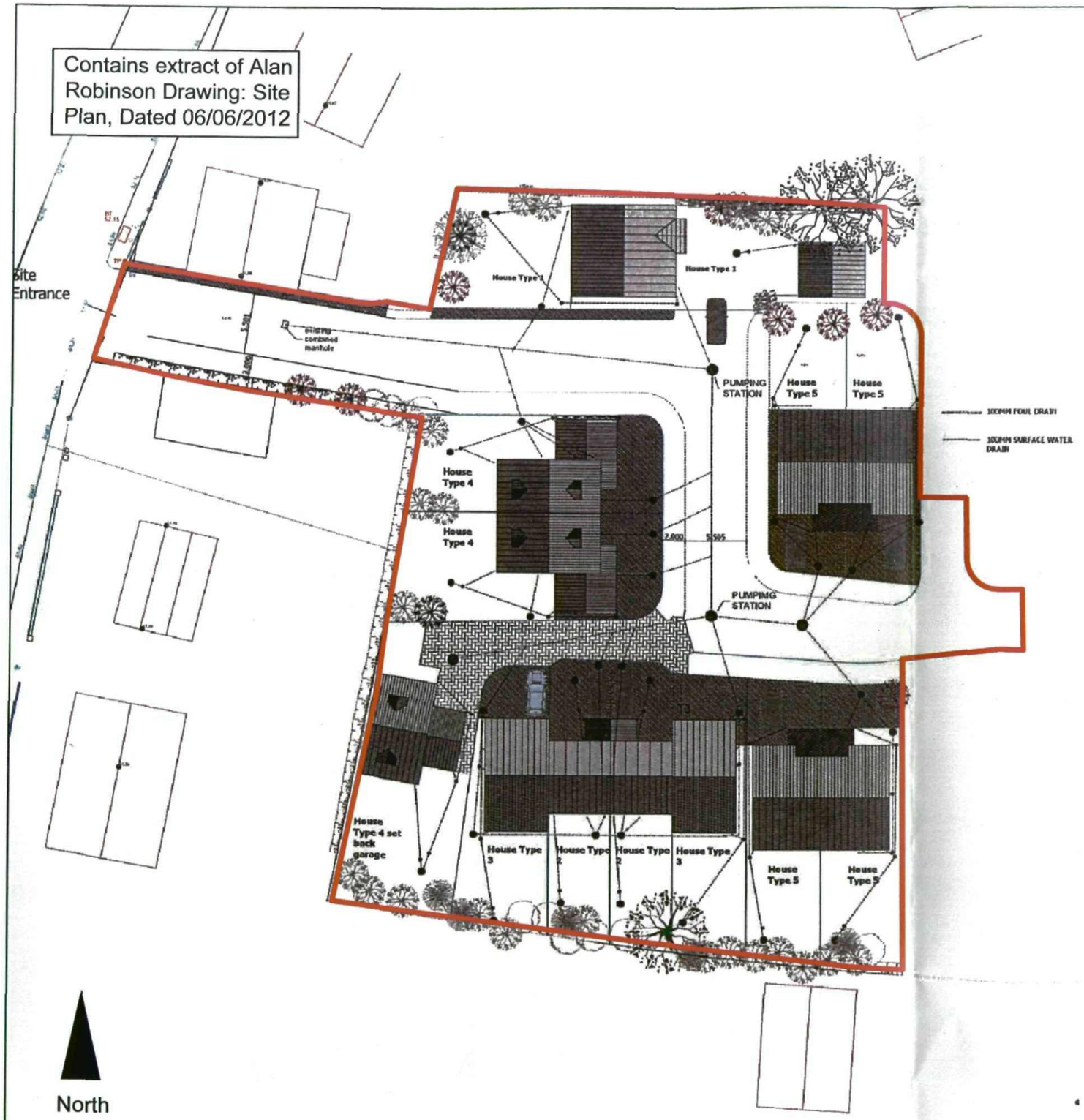
Job No. 3604

Site Features Plan

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Date: July 2012 | Scale: NTS | Figure: A2

Contains extract of Alan Robinson Drawing: Site Plan, Dated 06/06/2012




North

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Proposed site boundary

Phase 1 Site Investigation

Cross Lane, Royston

Job No. 3604

Proposed Site Layout Plan

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Date: July 2012 | Scale: NTS | Figure: A3

# Appendix B: Site Photographs

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| | |
|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 1: Current site access to the side of No. 26 Cross Lane.** |



| | |
|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 2: View of No. 26 Cross Lane and its garden from the east.** |

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| | |
|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 3: Access track to the side of No. 26 Cross Lane.** |



| | |
|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 4: Continuation of access track across north of site (view east).** |

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|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 5: Barn / garage structure with stable beyond.** |



| | |
|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 6: Stored materials behind the garage / barn structure.** |

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|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 7:** View south across the west of the site, towards adjacent new development. |



| | |
|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 8:** View west from the west of the site, towards adjacent properties off Cross Lane. |

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| | |
|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 9:** View south-east from site's eastern boundary showing continuation of site and adjacent housing. |



| | |
|---|---|
| **Job:** Phase 1 Site Investigation<br>**Site:** Land to the Rear of 26 Cross Lane, Royston<br>**Ref:** 3604 | **Photograph 10:** View north across the east of the site, towards barn / garage structure. |

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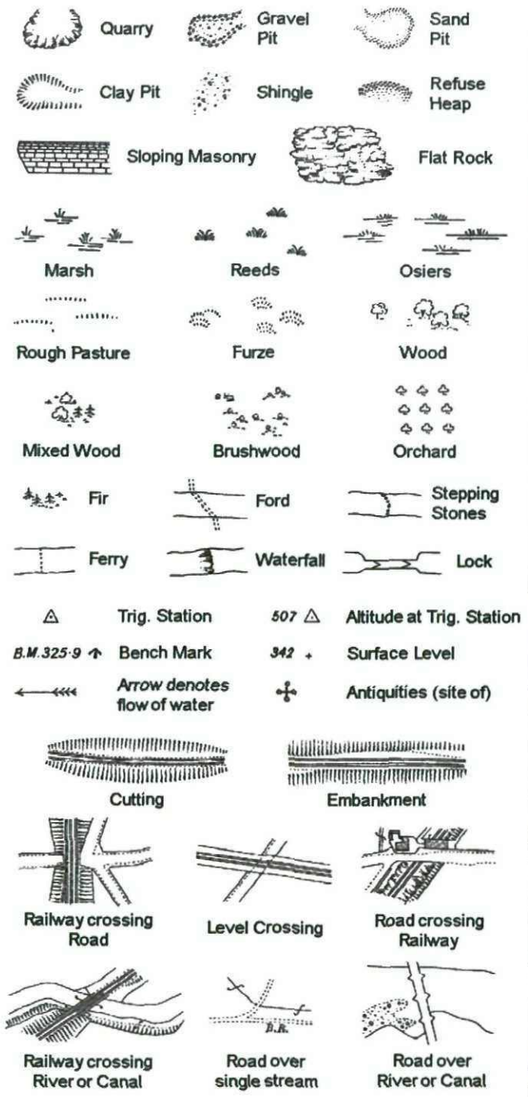
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# Appendix C: Envirocheck Report

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# Historical Mapping Legends

## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



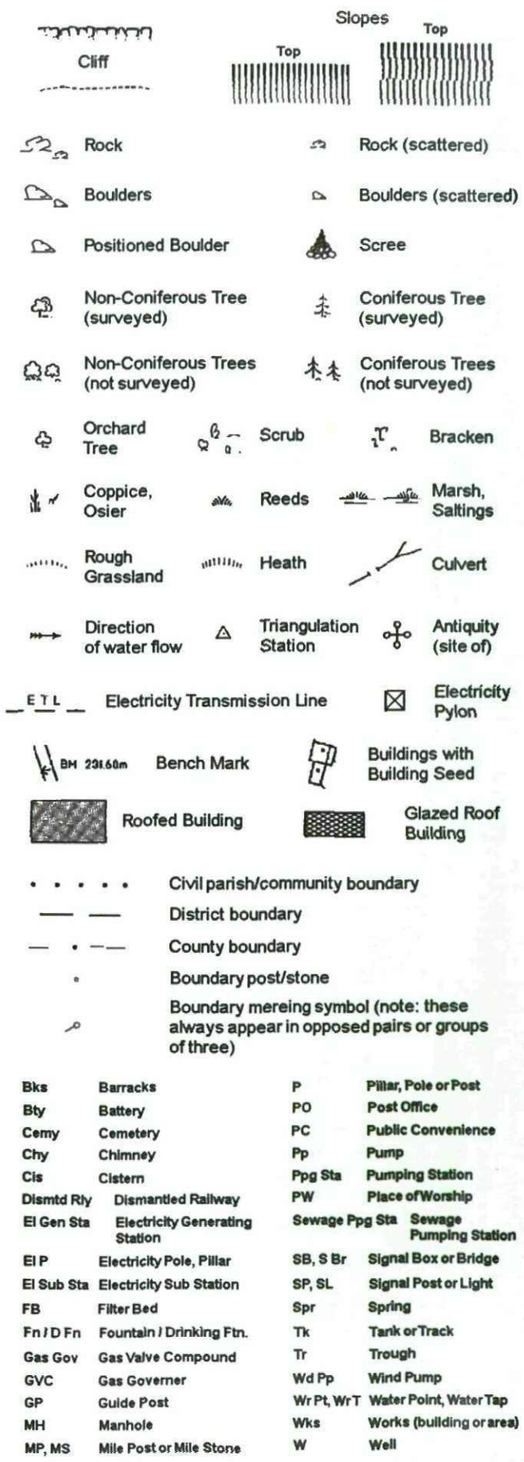

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | Sl. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| M.S | Mile Stone | Tr. | Trough |
| M.P M.R | Mooring Post or Ring | W | Well |

## Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250




| | | | |
|---|---|---|---|
| BH | Beer House | P | Pillar, Pole or Post |
| BP, BS | Boundary Post or Stone | PO | Post Office |
| Cn, C | Capstan, Crane | PC | Public Convenience |
| Chy | Chimney | PH | Public House |
| D Fn | Drinking Fountain | Pp | Pump |
| El P | Electricity Pillar or Post | SB, S Br | Signal Box or Bridge |
| FAP | Fire Alarm Pillar | SP, SL | Signal Post or Light |
| FB | Foot Bridge | Spr | Spring |
| GP | Guide Post | Tk | Tank or Track |
| H | Hydrant or Hydraulic | TCB | Telephone Call Box |
| LC | Level Crossing | TCP | Telephone Call Post |
| MH | Manhole | Tr | Trough |
| MP | Mile Post or Mooring Post | Wr Pt, Wr T | Water Point, Water Tap |
| MS | Mile Stone | W | Well |
| NTL | Normal Tidal Limit | Wd Pp | Wind Pump |

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



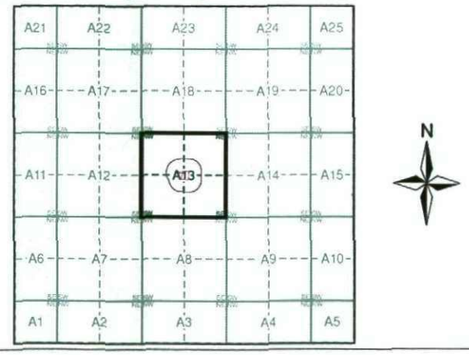

| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El Sub Sta | Electricity Sub Station | SP, SL | Signal Post or Light |
| FB | Filter Bed | Spr | Spring |
| Fn / D Fn | Fountain / Drinking Ftn. | Tk | Tank or Track |
| Gas Gov | Gas Valve Compound | Tr | Trough |
| GVC | Gas Governer | Wd Pp | Wind Pump |
| GP | Guide Post | Wr Pt, Wr T | Water Point, Water Tap |
| MH | Manhole | Wks | Works (building or area) |
| MP, MS | Mile Post or Mile Stone | W | Well |

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## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Yorkshire | 1:2,500 | 1893 | 2 |
| Yorkshire | 1:2,500 | 1906 | 3 |
| Yorkshire | 1:2,500 | 1917 - 1918 | 4 |
| Ordnance Survey Plan | 1:2,500 | 1962 | 5 |
| Supply of Unpublished Survey Information | 1:2,500 | 1975 | 6 |
| Ordnance Survey Plan | 1:1,250 | 1977 | 7 |
| Additional SIMs | 1:2,500 | 1979 | 8 |
| Additional SIMs | 1:1,250 | 1982 | 9 |
| Large-Scale National Grid Data | 1:1,250 | 1993 | 10 |
| Large-Scale National Grid Data | 1:1,250 | 1994 - 1995 | 11 |

## Historical Map - Segment A13



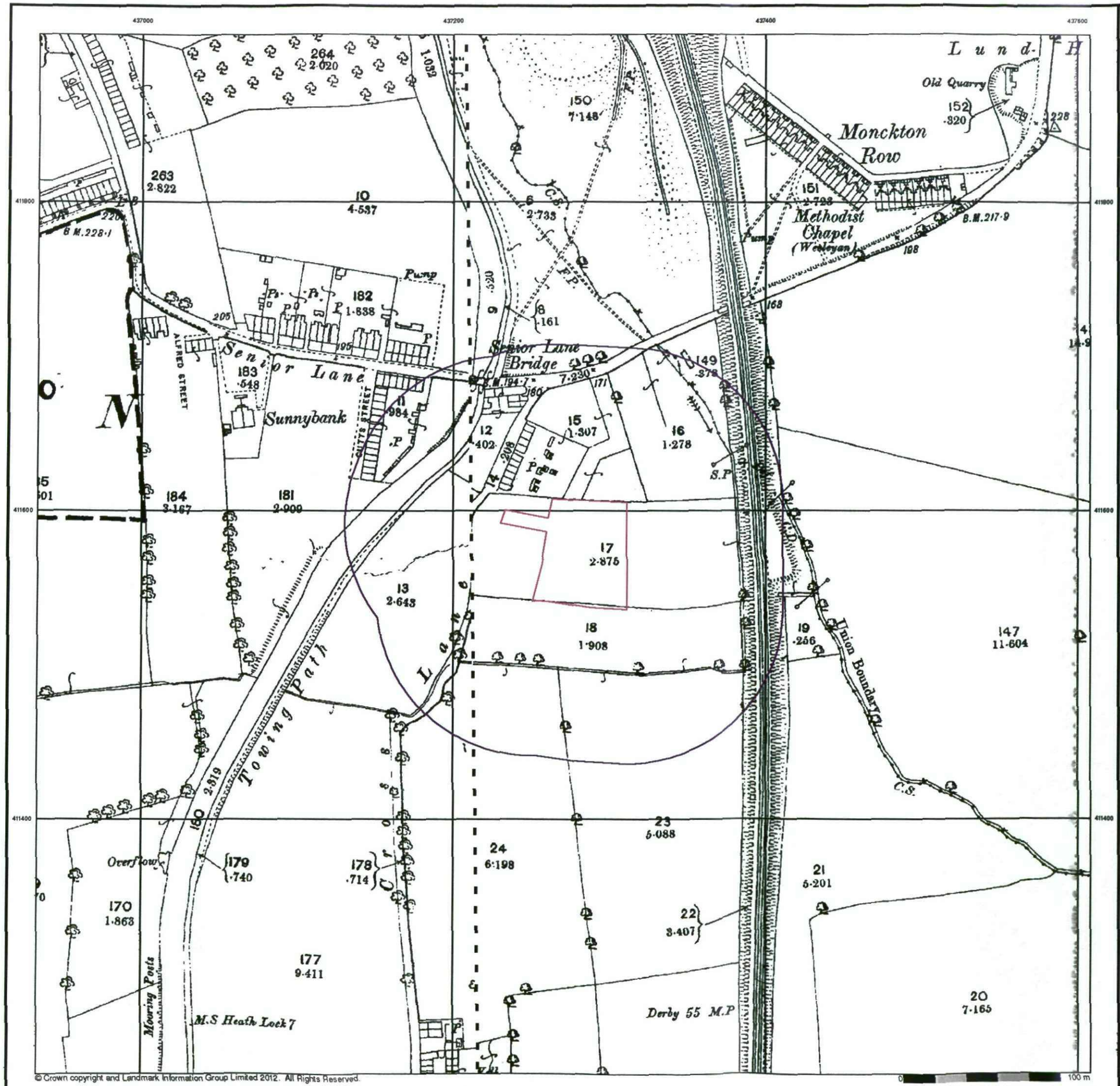

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National Grid Reference: 437280, 411570
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 100

## Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT


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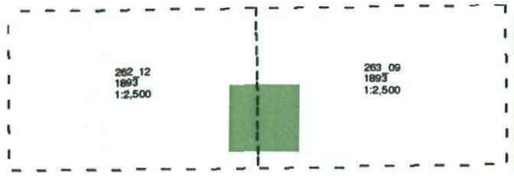
## Yorkshire

## Published 1893

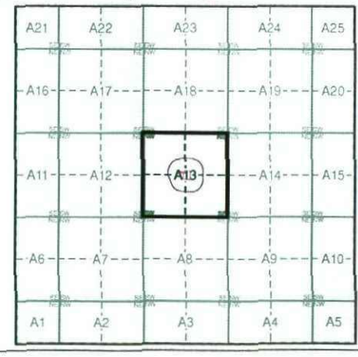
## Source map scale - 1:2,500

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

### Map Name(s) and Date(s)




### Historical Map - Segment A13



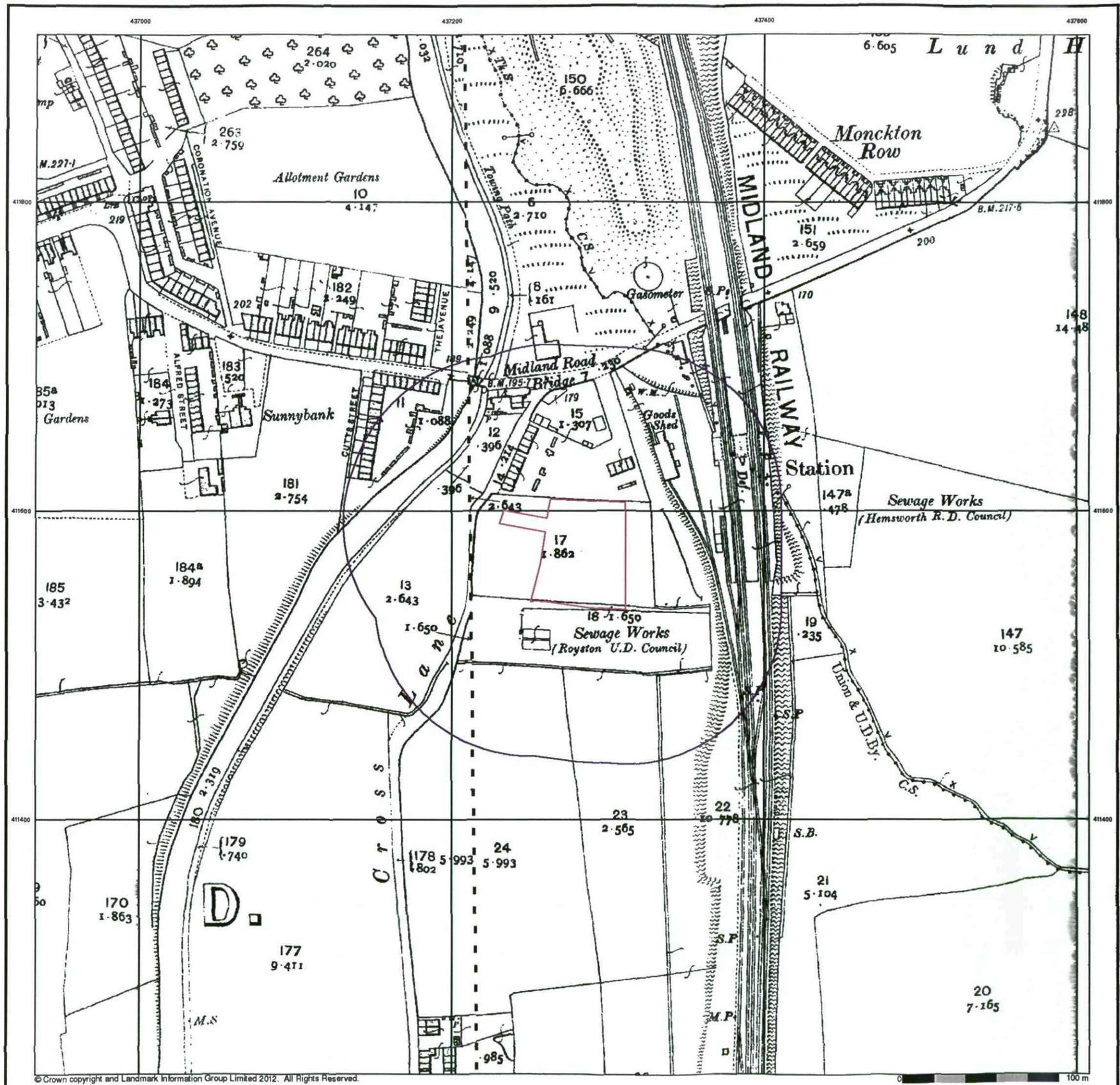

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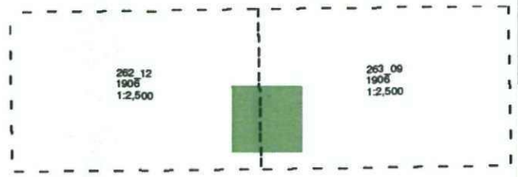
## Yorkshire

## Published 1906

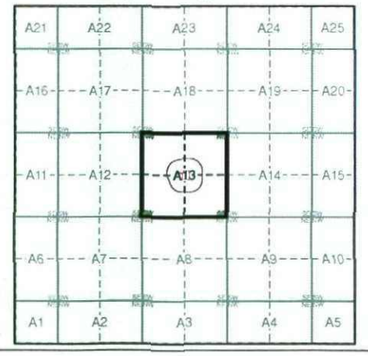
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### Map Name(s) and Date(s)




### Historical Map - Segment A13




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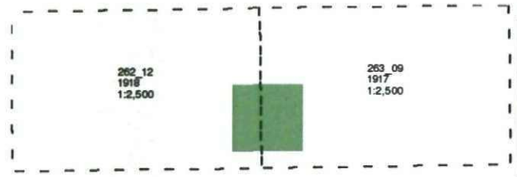
## Yorkshire

## Published 1917 - 1918

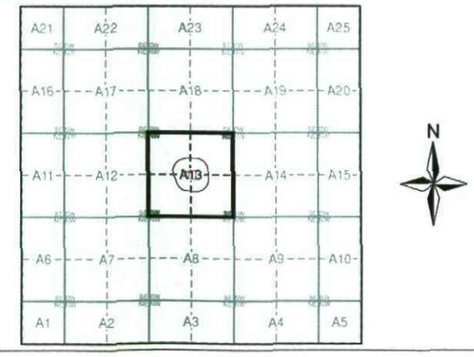
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

### Map Name(s) and Date(s)




### Historical Map - Segment A13

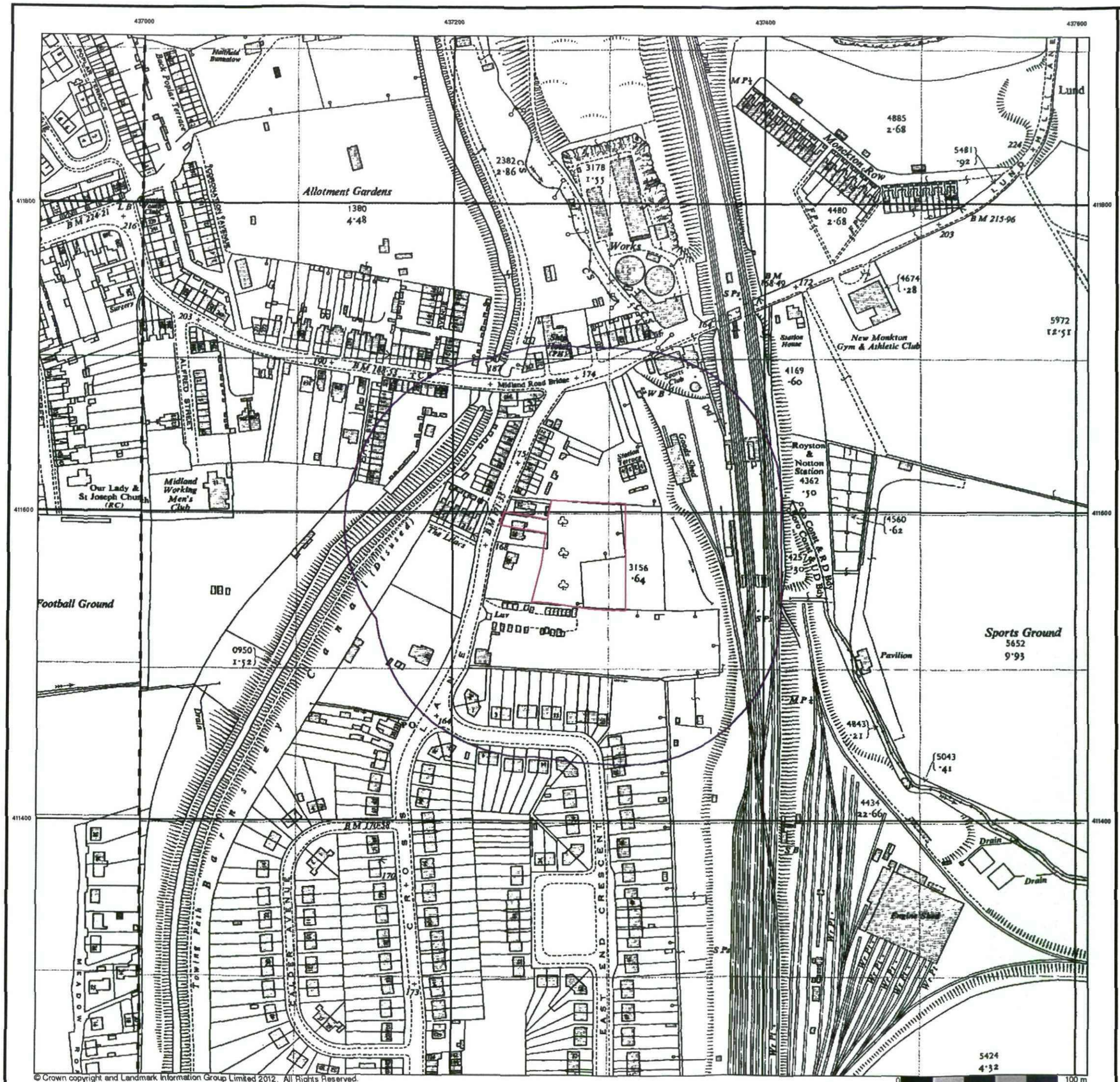



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### Site Details

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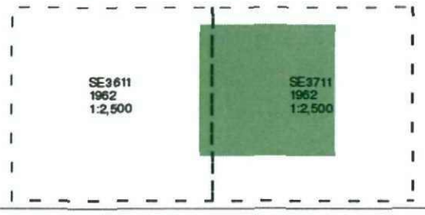

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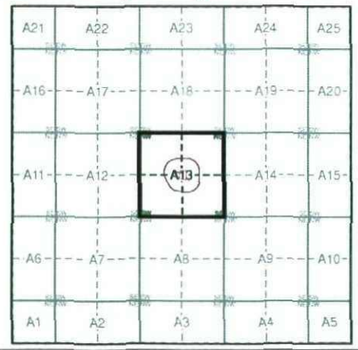
## Ordnance Survey Plan
## Published 1962
## Source map scale - 1:2,500

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### Map Name(s) and Date(s)




### Historical Map - Segment A13



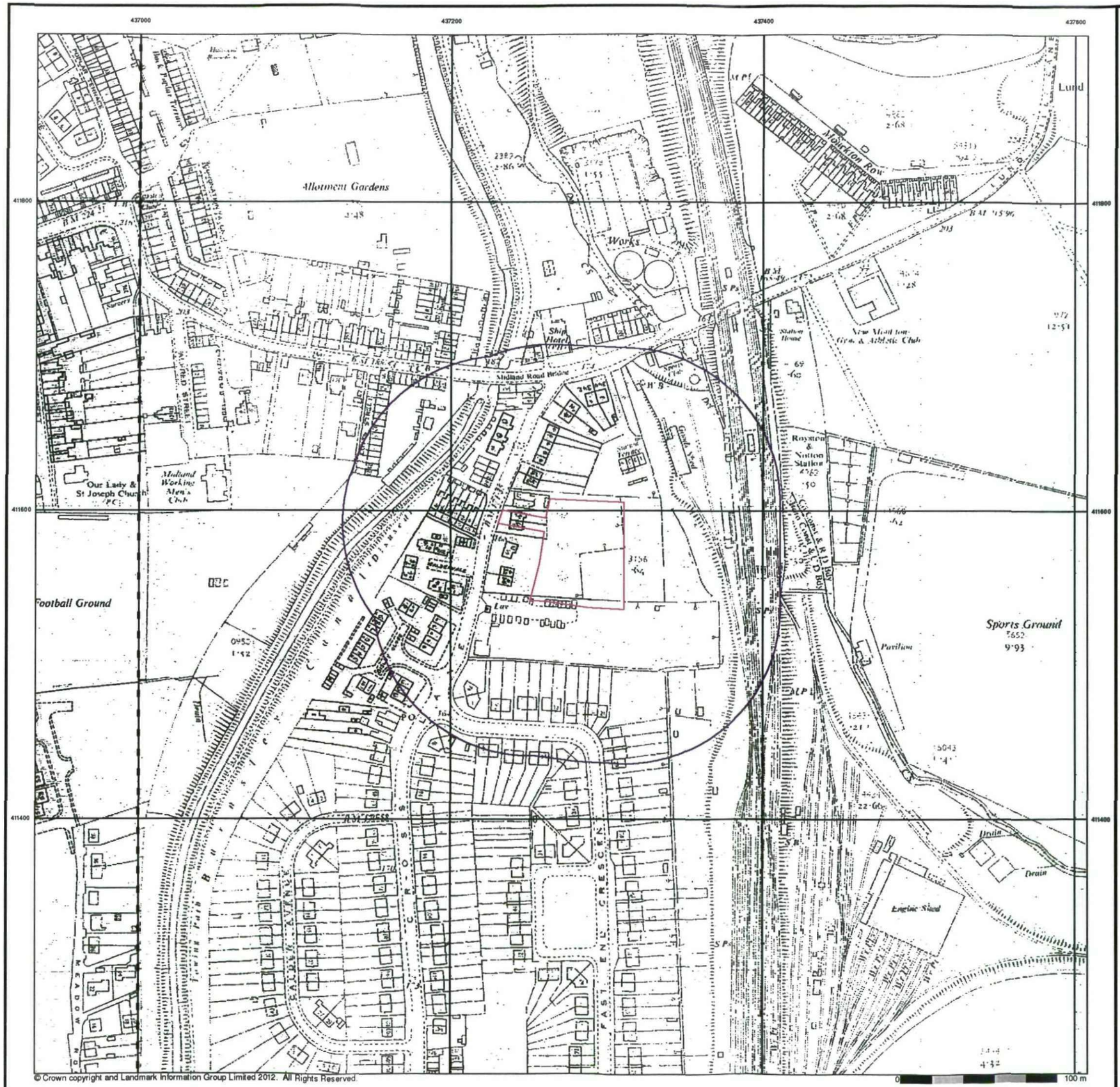

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| Search Buffer (m): | 100 |

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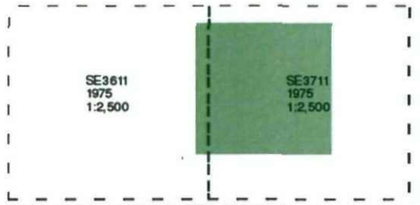
## Supply of Unpublished Survey Information

## Published 1975

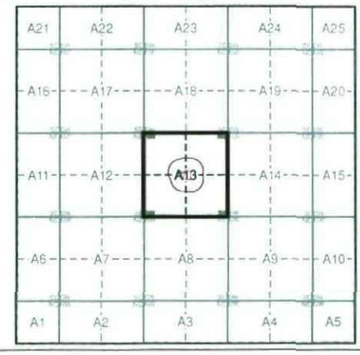
## Source map scale - 1:2,500

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

### Map Name(s) and Date(s)




### Historical Map - Segment A13



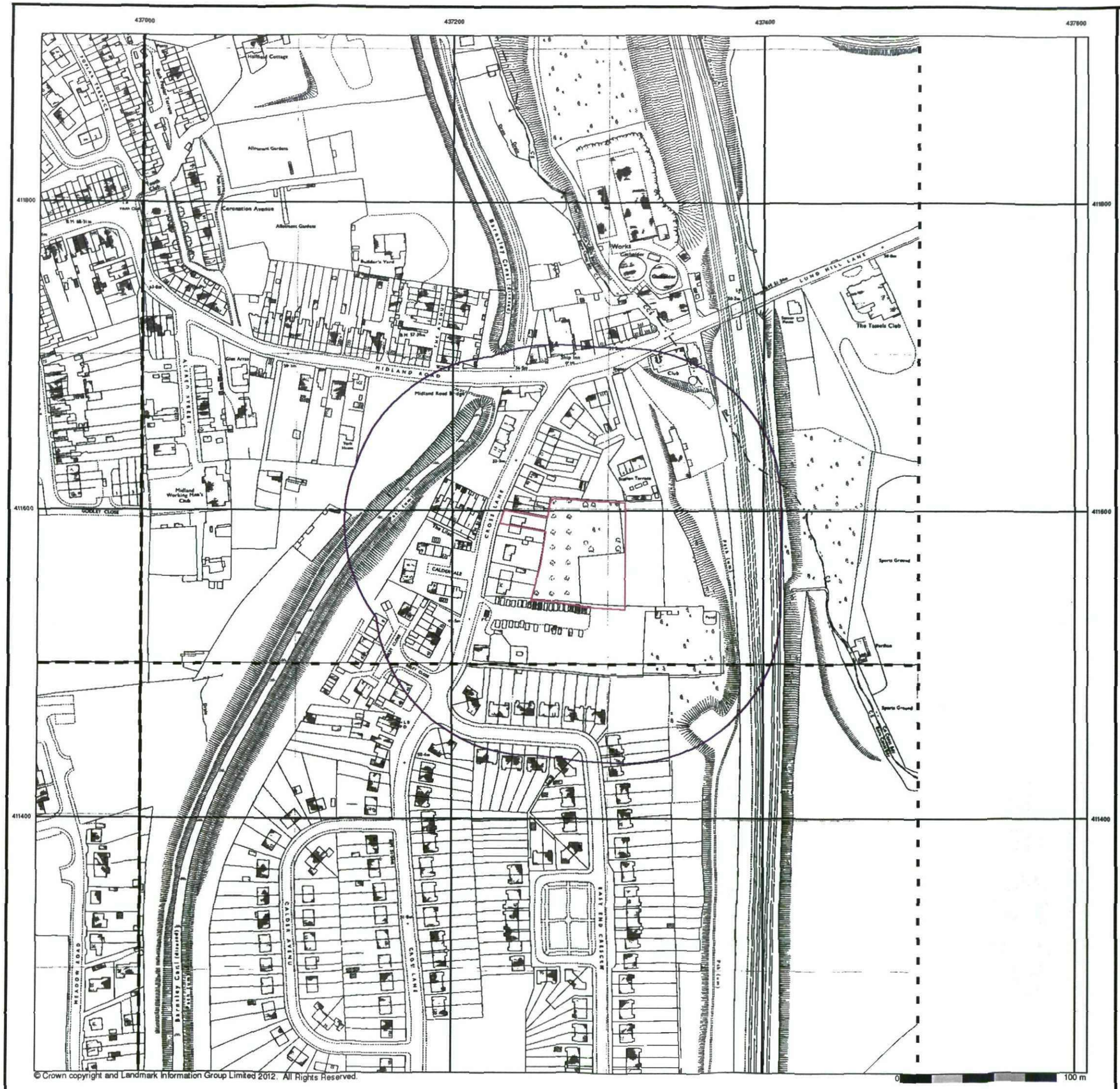

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| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 100 |

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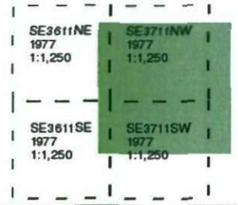

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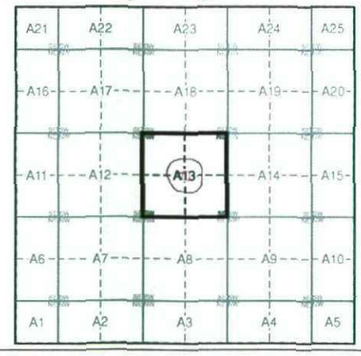
## Ordnance Survey Plan
## Published 1977
## Source map scale - 1:1,250

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### Map Name(s) and Date(s)




### Historical Map - Segment A13



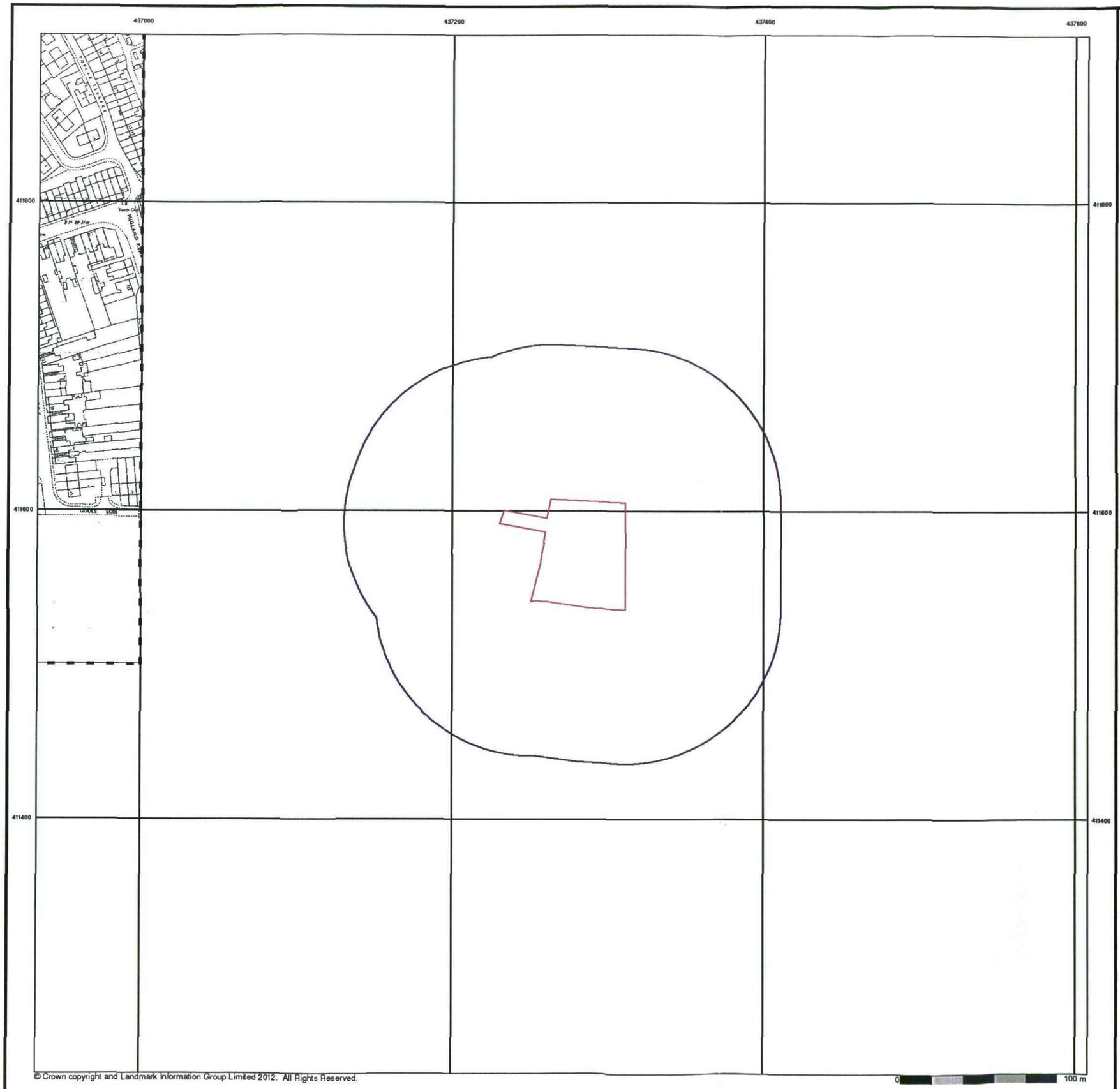

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| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 100 |

### Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT

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




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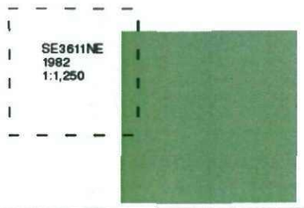
0 100 m

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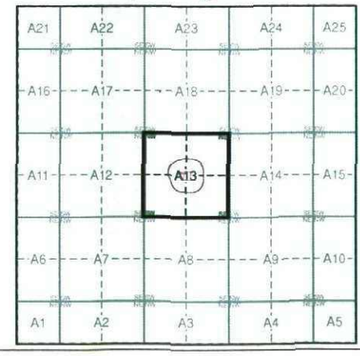
## Additional SIMs
## Published 1982
## Source map scale - 1:1,250

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

### Map Name(s) and Date(s)




### Historical Map - Segment A13




### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
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## Large-Scale National Grid Data
## Published 1993
## Source map scale - 1:1,250

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

### Map Name(s) and Date(s)

| | | |
|---|---|---|
| SE3611NE 1993 1:1,250 | SE3711NW 1993 1:1,250 | SE3711NE 1993 1:1,250 |
| SE3611SE 1993 1:1,250 | SE3711SW 1993 1:1,250 | SE3711SE 1993 1:1,250 |

### Historical Map - Segment A13

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

N

### Order Details

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|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
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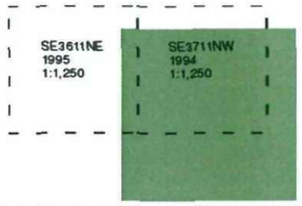
## Large-Scale National Grid Data

## Published 1994 - 1995

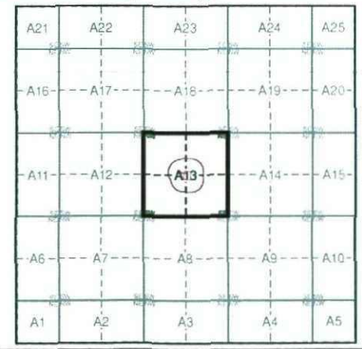
## Source map scale - 1:1,250

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

### Map Name(s) and Date(s)




### Historical Map - Segment A13




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# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
·285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. Rural District Boundary
Civil Parish Boundary

## Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Electricity Transmission Line
Sloping Masonry
Pole
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

| | | | |
|---|---|---|---|
| BP, BS | Boundary Post or Stone | Pol Sta | Police Station |
| Ch | Church | PO | Post Office |
| CH | Club House | PC | Public Convenience |
| F E Sta | Fire Engine Station | PH | Public House |
| FB | Foot Bridge | SB | Signal Box |
| Fn | Fountain | Spr | Spring |
| GP | Guide Post | TCB | Telephone Call Box |
| MP | Mile Post | TCP | Telephone Call Post |
| MS | Mile Stone | W | Well |

## 1:10,000 Raster Mapping

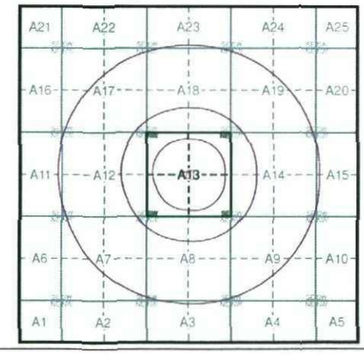
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

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## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Yorkshire | 1:10,560 | 1854 | 2 |
| Yorkshire | 1:10,560 | 1894 - 1895 | 3 |
| Yorkshire | 1:10,560 | 1907 - 1908 | 4 |
| Yorkshire | 1:10,560 | 1930 | 5 |
| Yorkshire | 1:10,560 | 1932 - 1933 | 6 |
| Yorkshire | 1:10,560 | 1938 - 1948 | 7 |
| Yorkshire | 1:10,560 | 1938 - 1948 | 8 |
| Yorkshire | 1:10,560 | 1948 | 9 |
| Ordnance Survey Plan | 1:10,000 | 1956 | 10 |
| Ordnance Survey Plan | 1:10,000 | 1966 | 11 |
| Ordnance Survey Plan | 1:10,000 | 1981 | 12 |
| Ordnance Survey Plan | 1:10,000 | 1990 | 13 |
| 10K Raster Mapping | 1:10,000 | 2006 | 14 |
| 10K Raster Mapping | 1:10,000 | 2012 | 15 |

## Historical Map - Slice A



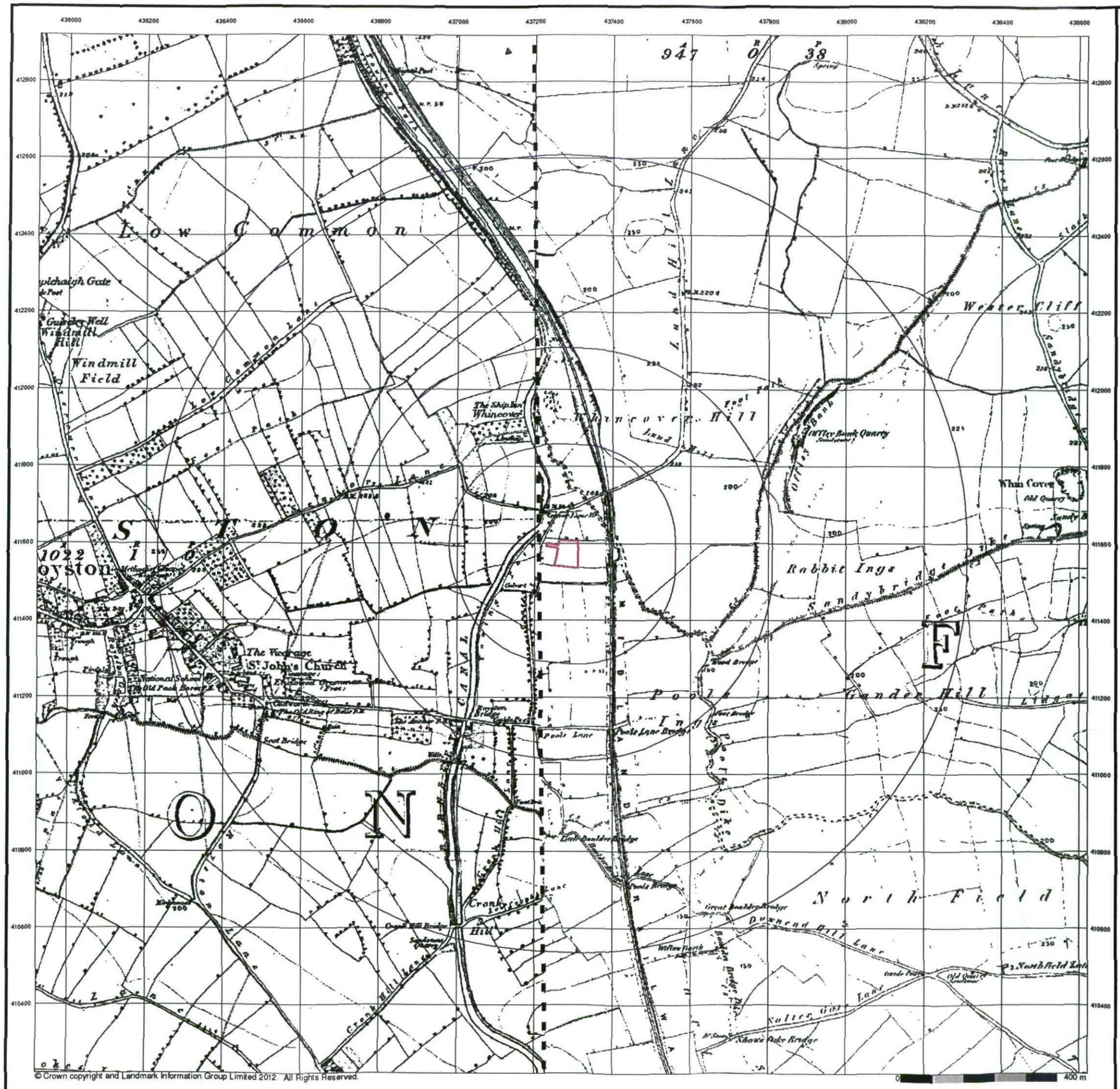

## Order Details

Order Number: 40054532_1_1
Customer Ref: 3604
National Grid Reference: 437280, 411570
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

## Site Details

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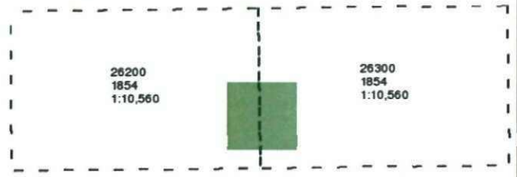
## Yorkshire

## Published 1854

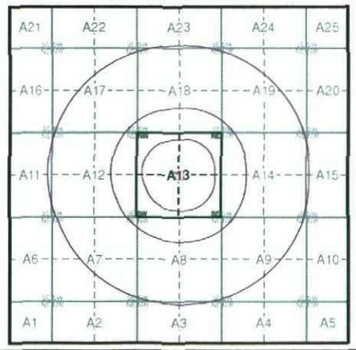
## Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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 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)




### Historical Map - Slice A



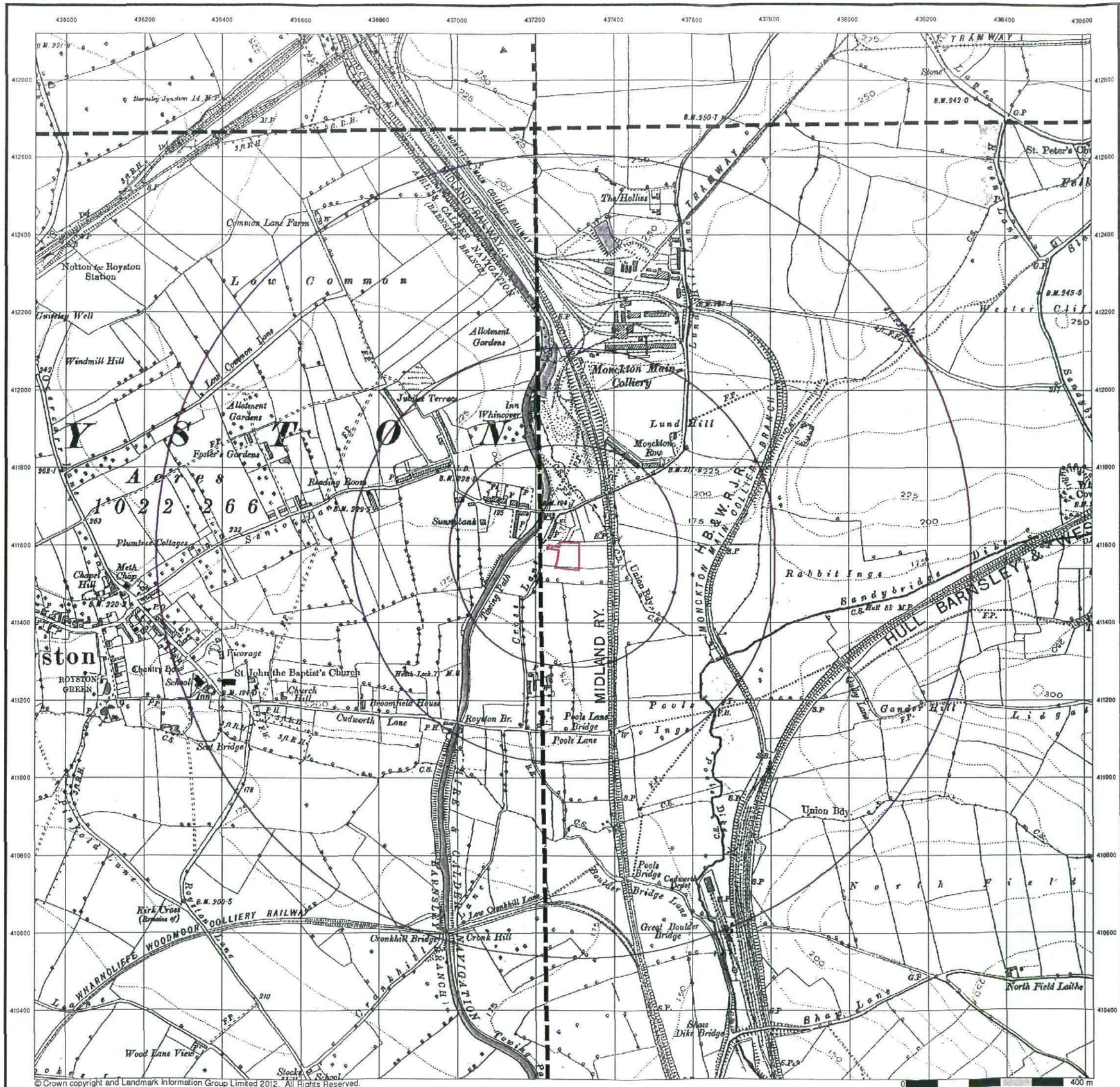

### Order Details

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| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
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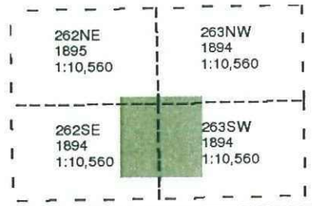
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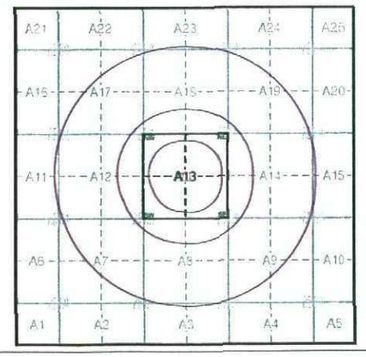
## Yorkshire
## Published 1894 - 1895
## Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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 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)




### Historical Map - Slice A



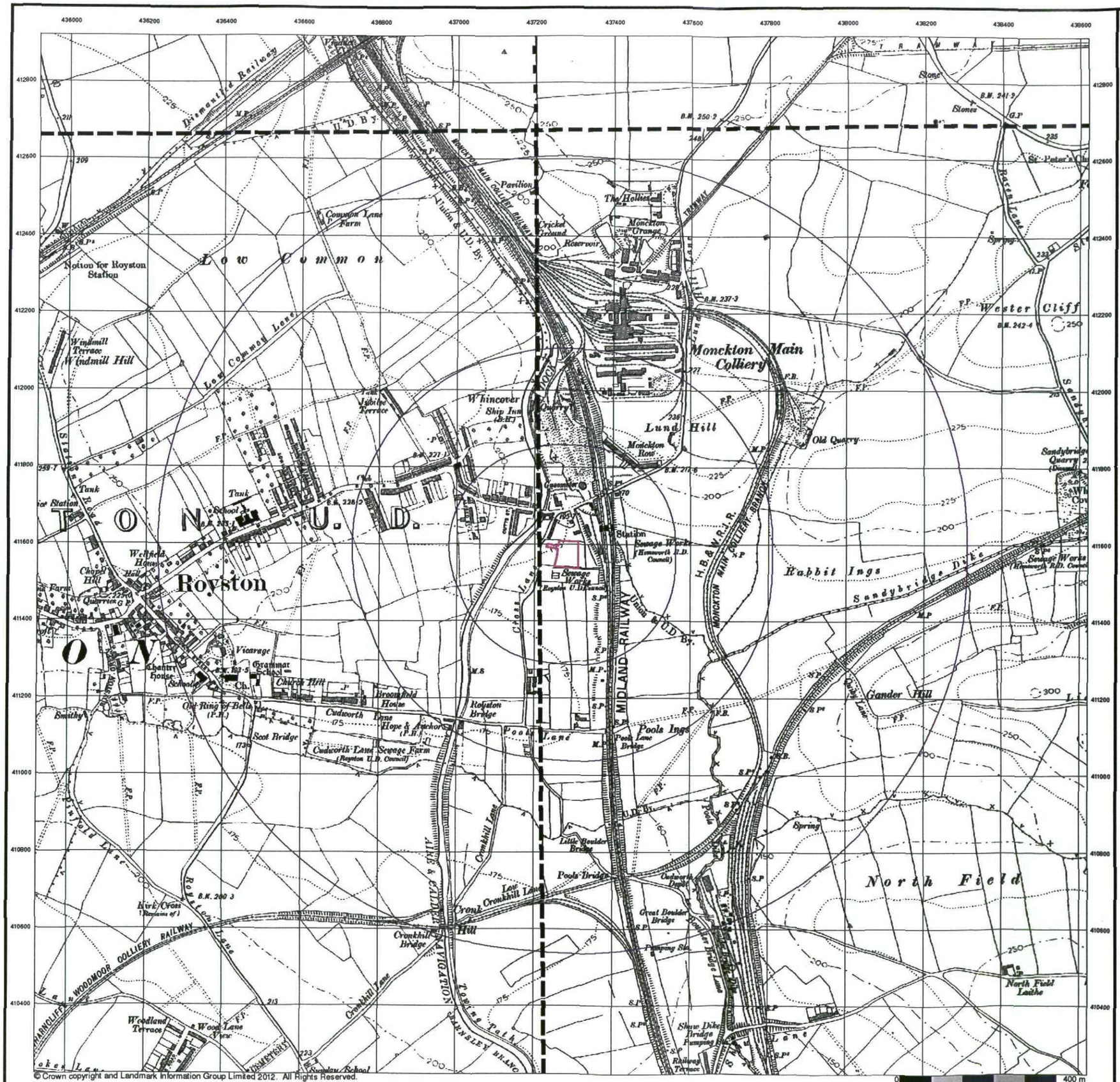

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| Order Number: | 40054532_1_1 |
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## Yorkshire

## Published 1907 - 1908

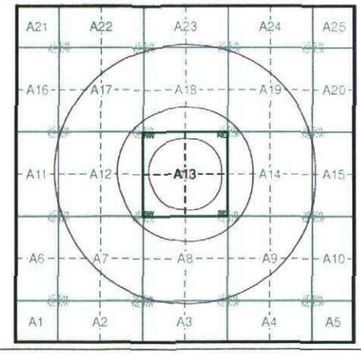
## Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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 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)

| | |
|---|---|
| 262NE 1908 1:10,560 | 263NW 1907 1:10,560 |
| 262SE 1907 1:10,560 | 263SW 1907 1:10,560 |

### Historical Map - Slice A




### Order Details

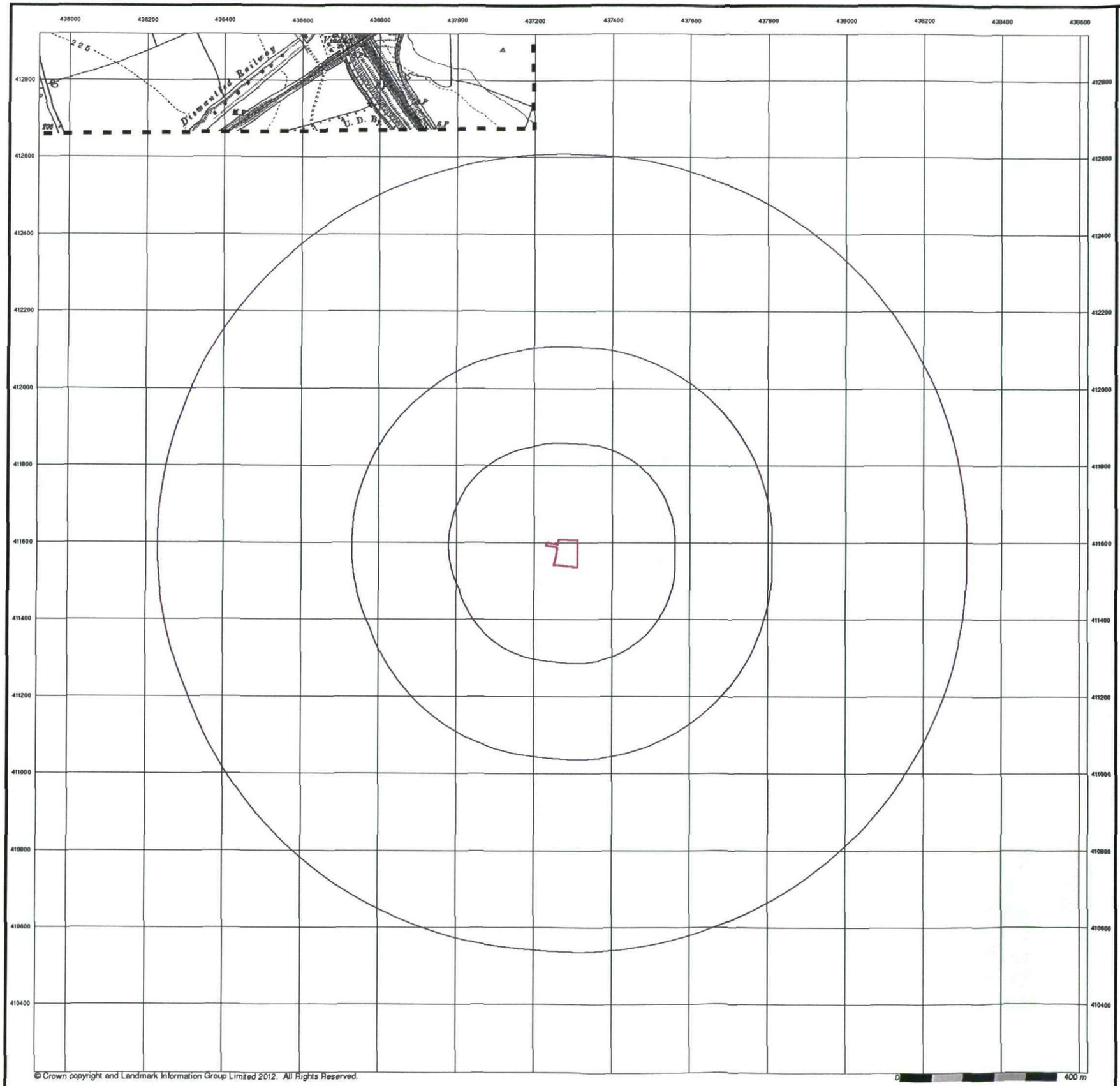
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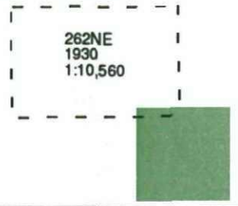
## Yorkshire

## Published 1930

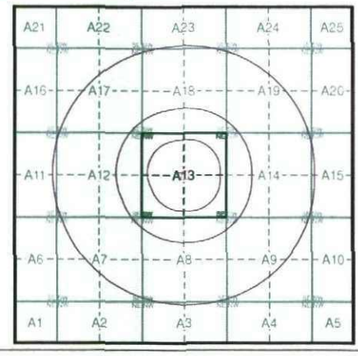
## Source map scale - 1:10,560

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### Map Name(s) and Date(s)




### Historical Map - Slice A




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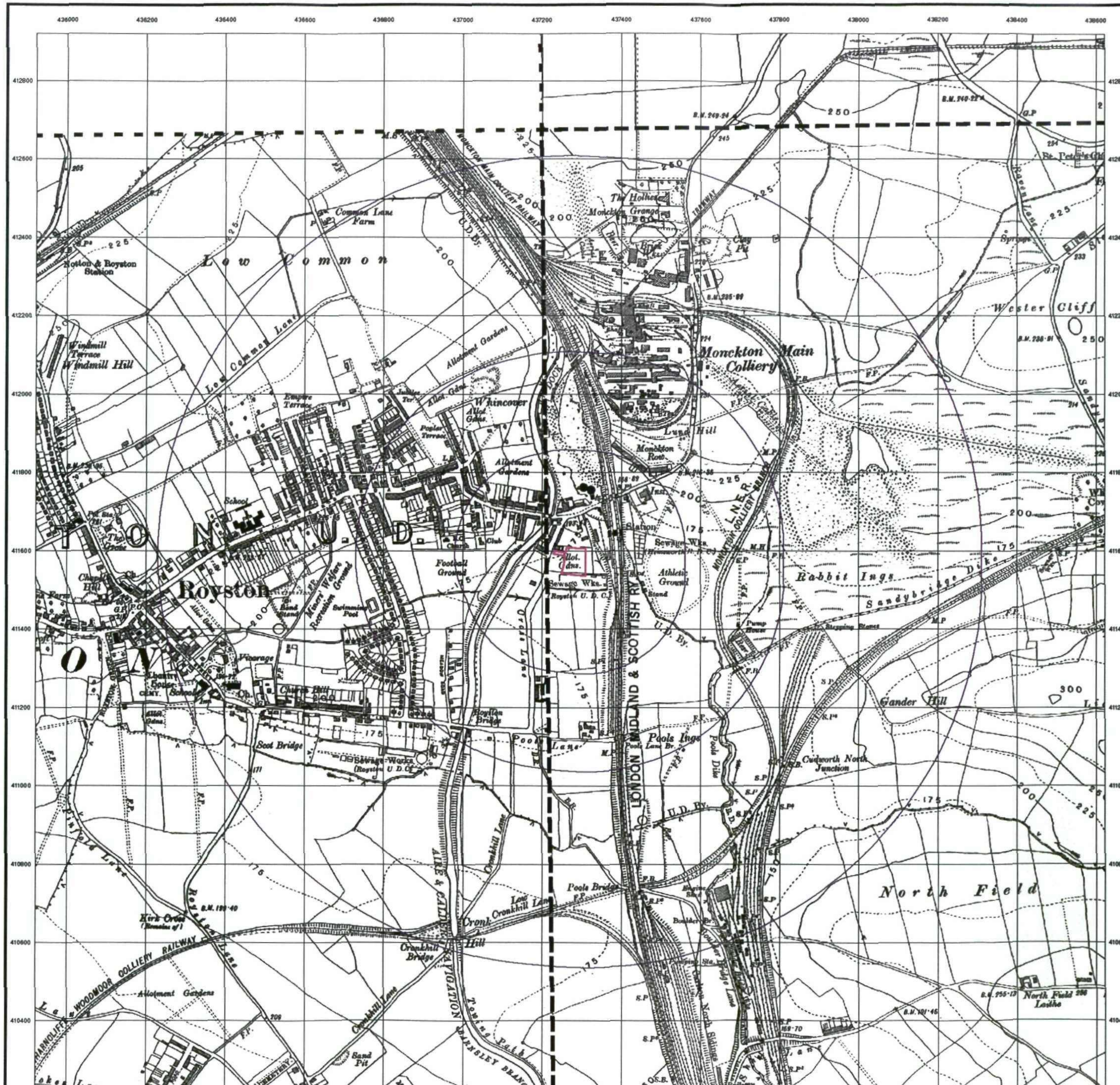
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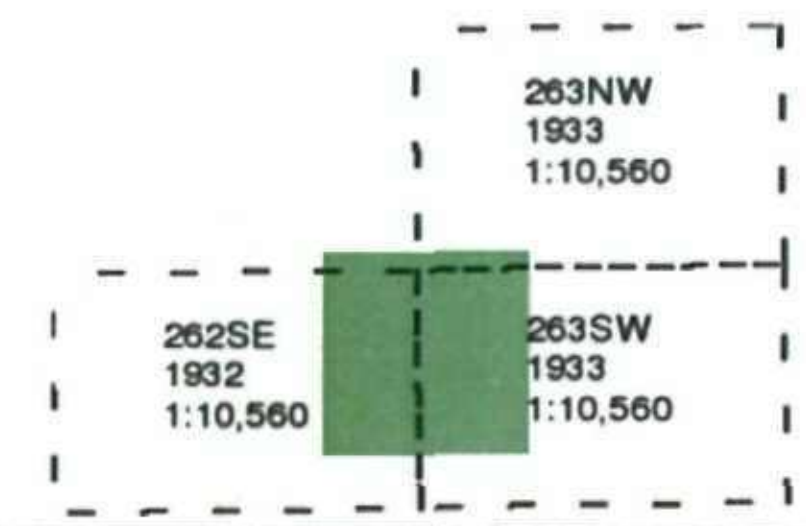
## Yorkshire

## Published 1932 - 1933

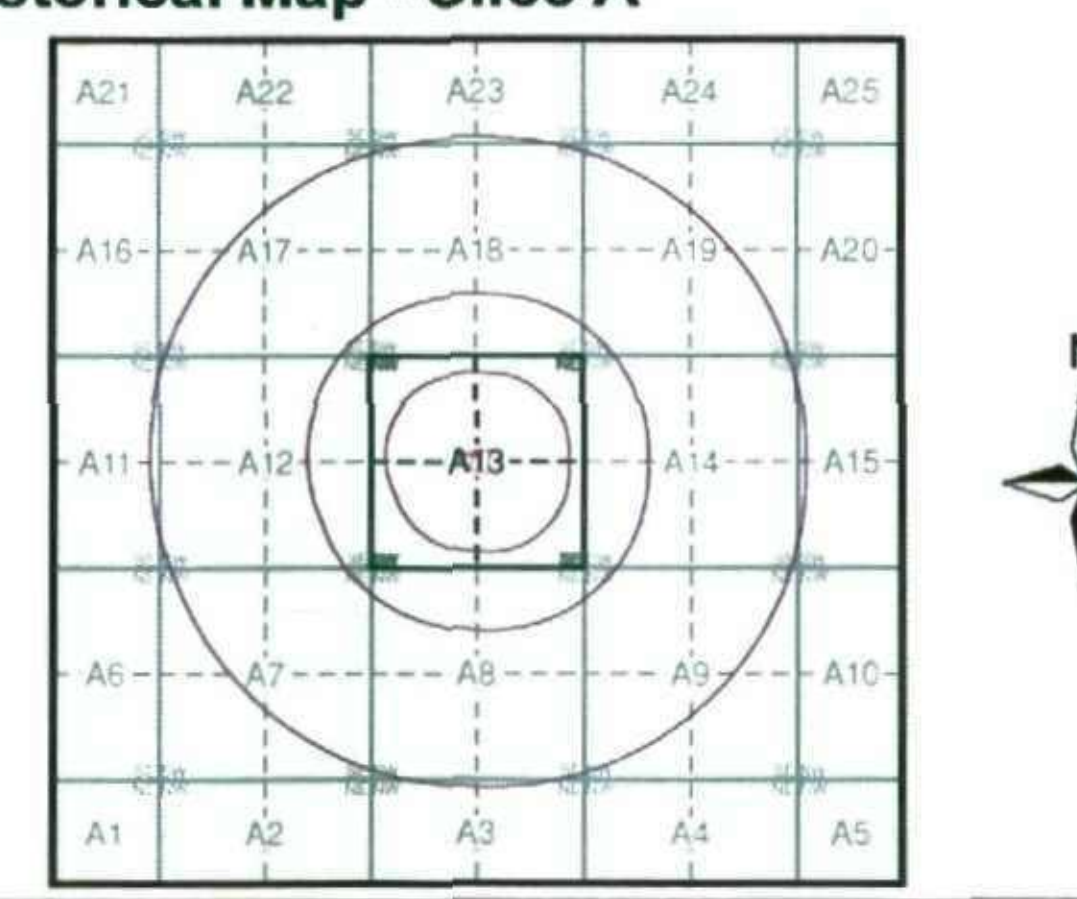
## Source map scale - 1:10,560

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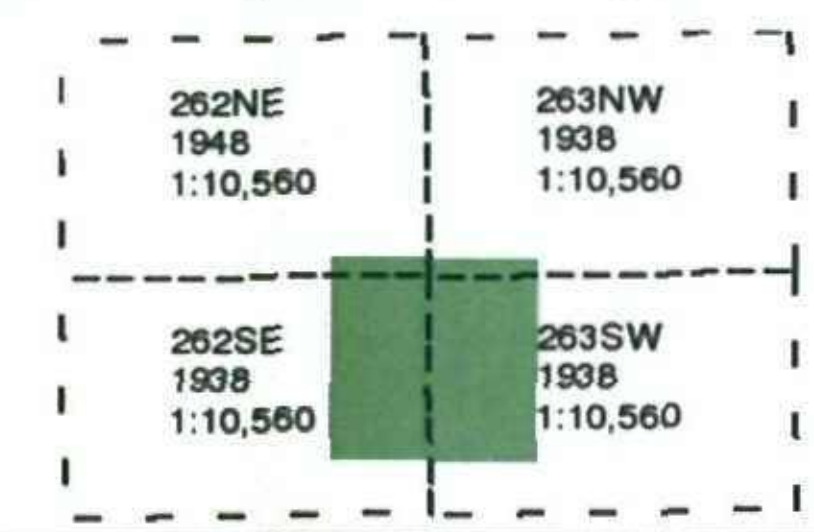
## Yorkshire

## Published 1938 - 1948

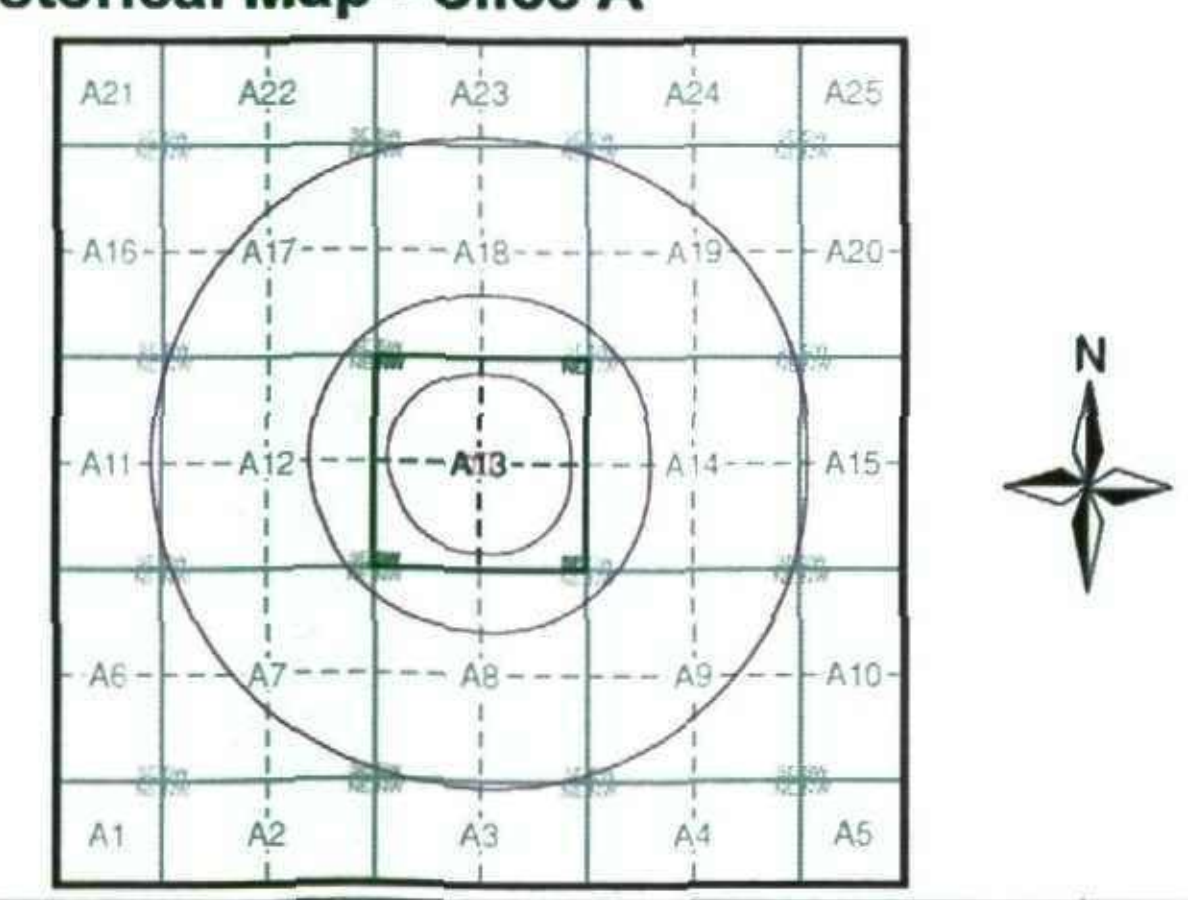
## Source map scale - 1:10,560

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## Map Name(s) and Date(s)




## Historical Map - Slice A




## Order Details

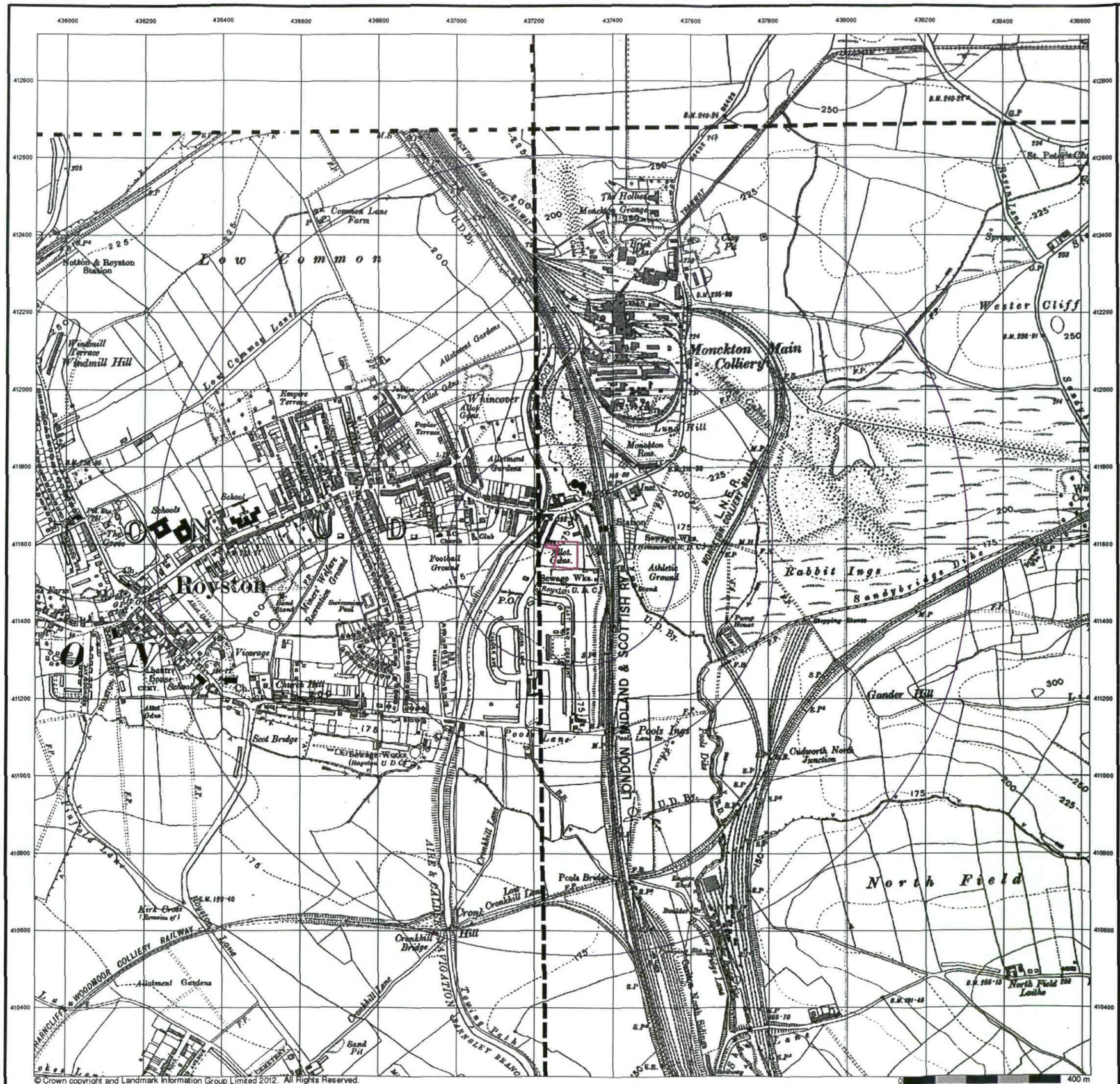
Order Number: 40054532_1_1
Customer Ref: 3604
National Grid Reference: 437280, 411570
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

## Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT

Landmark® Information Group

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




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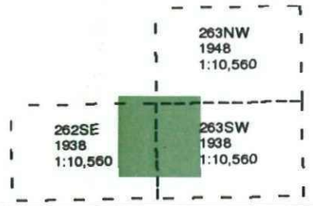
## Yorkshire

## Published 1938 - 1948

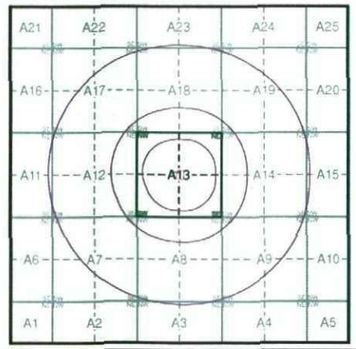
## Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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 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)




### Historical Map - Slice A



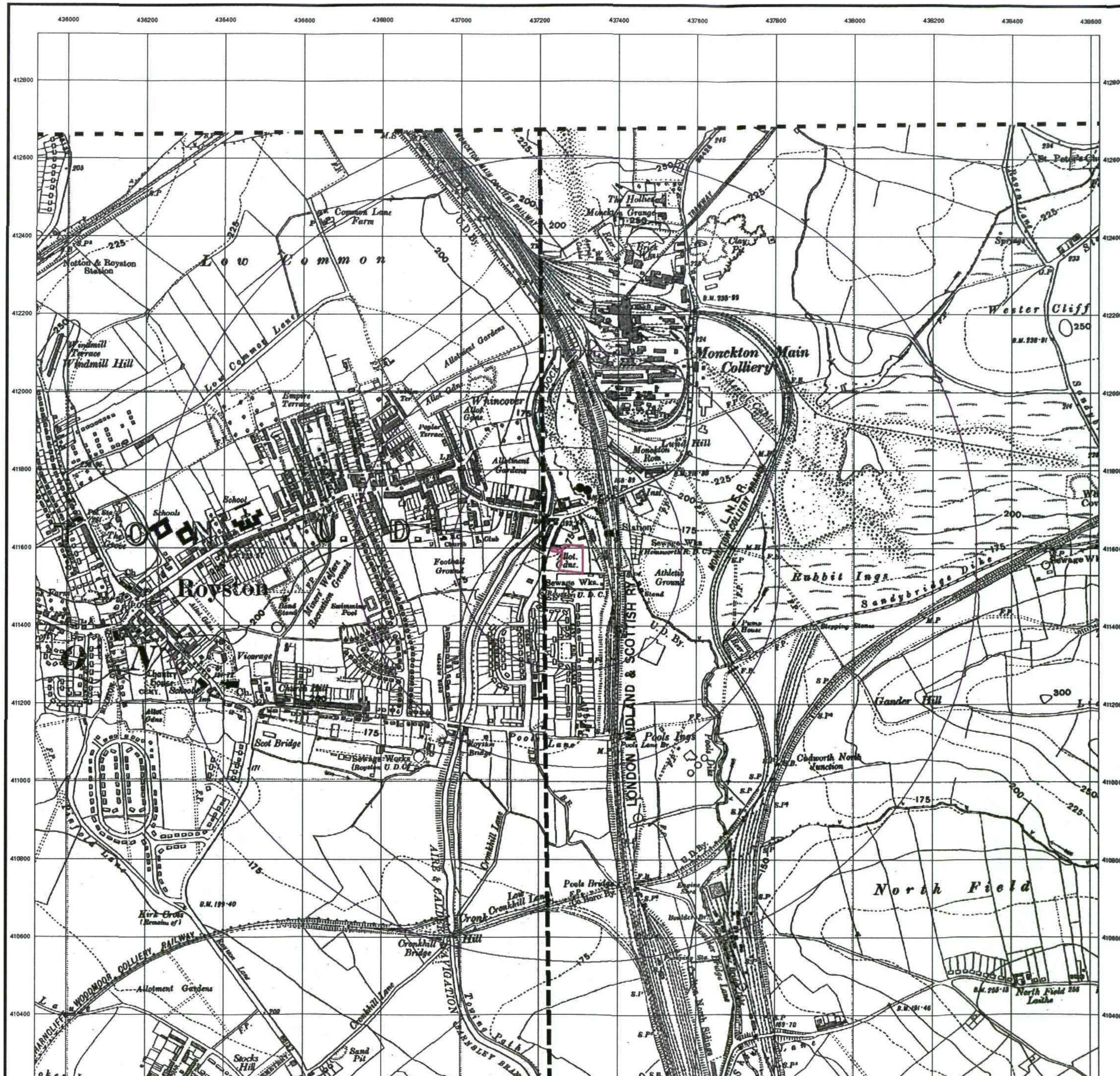

### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

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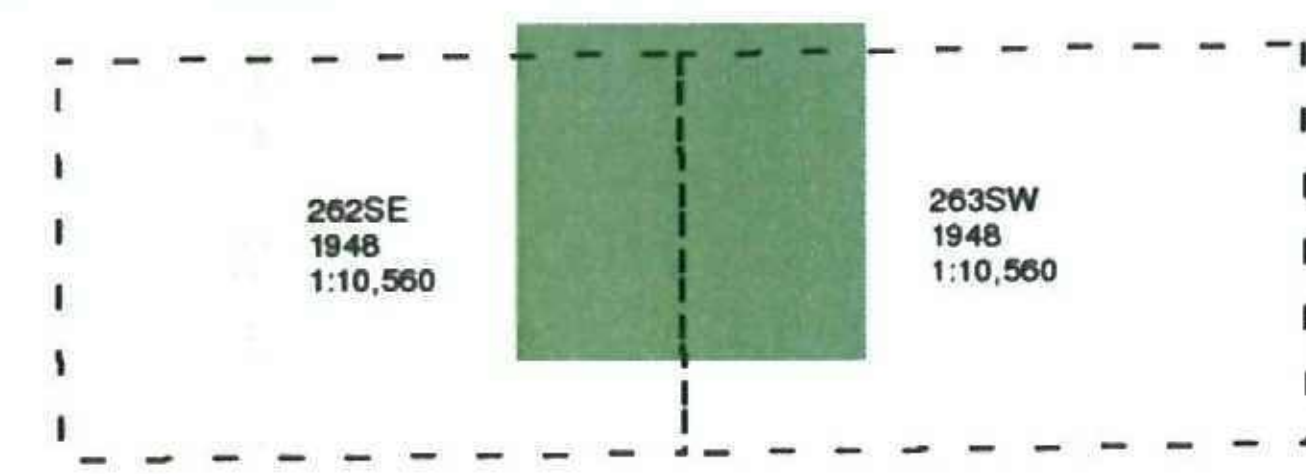

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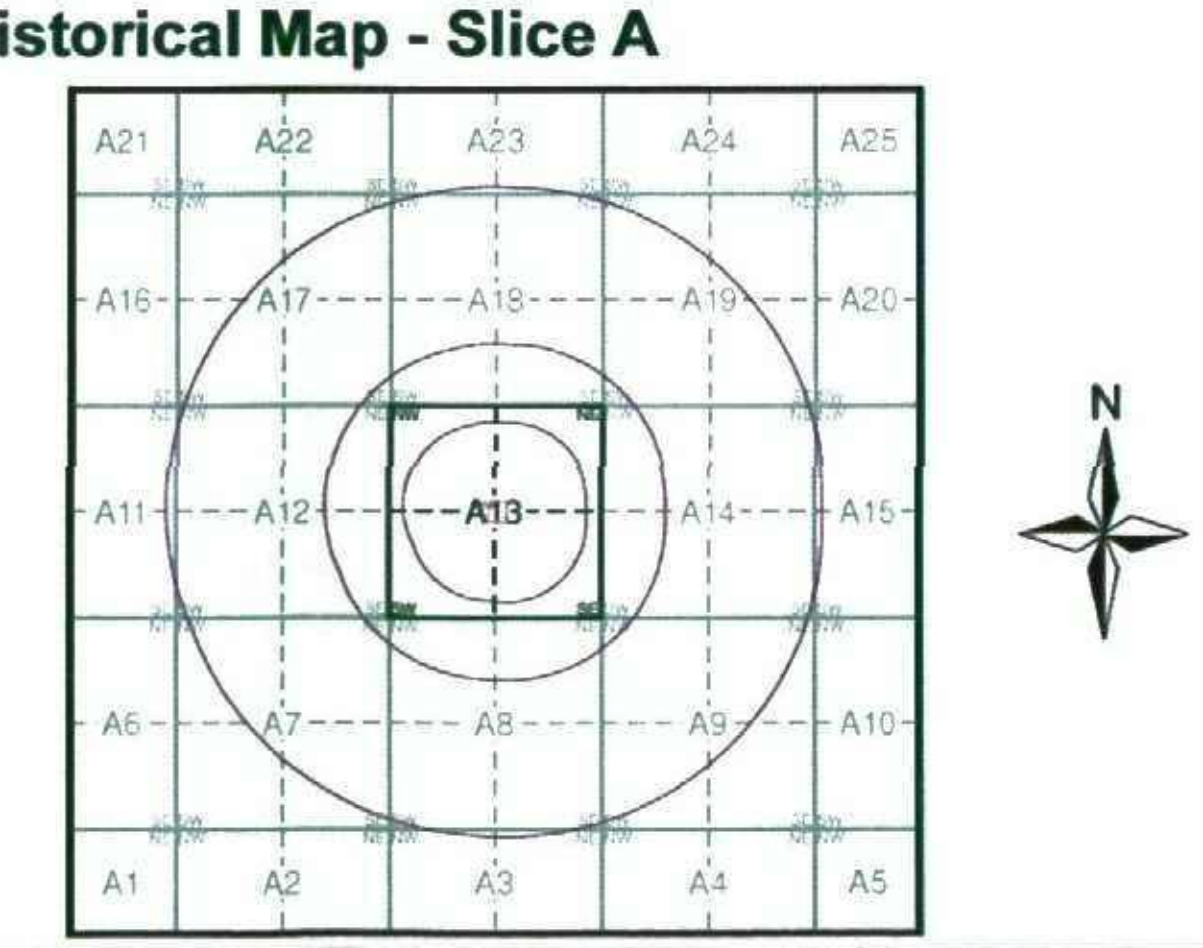
## Yorkshire
## Published 1948
## Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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 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)




## Historical Map - Slice A




## Order Details

Order Number: 40054532_1_1
Customer Ref: 3604
National Grid Reference: 437280, 411570
Slice: A
Site Area (Ha): 0.4
Search Buffer (m): 1000

## Site Details

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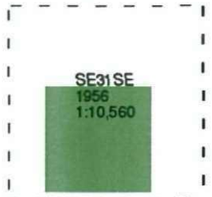

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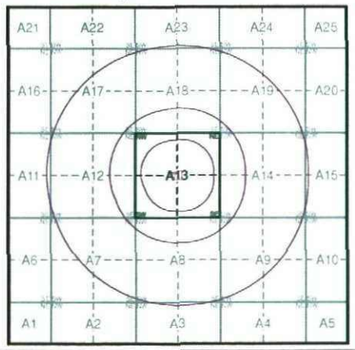
## Ordnance Survey Plan
## Published 1956
## Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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 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)




### Historical Map - Slice A



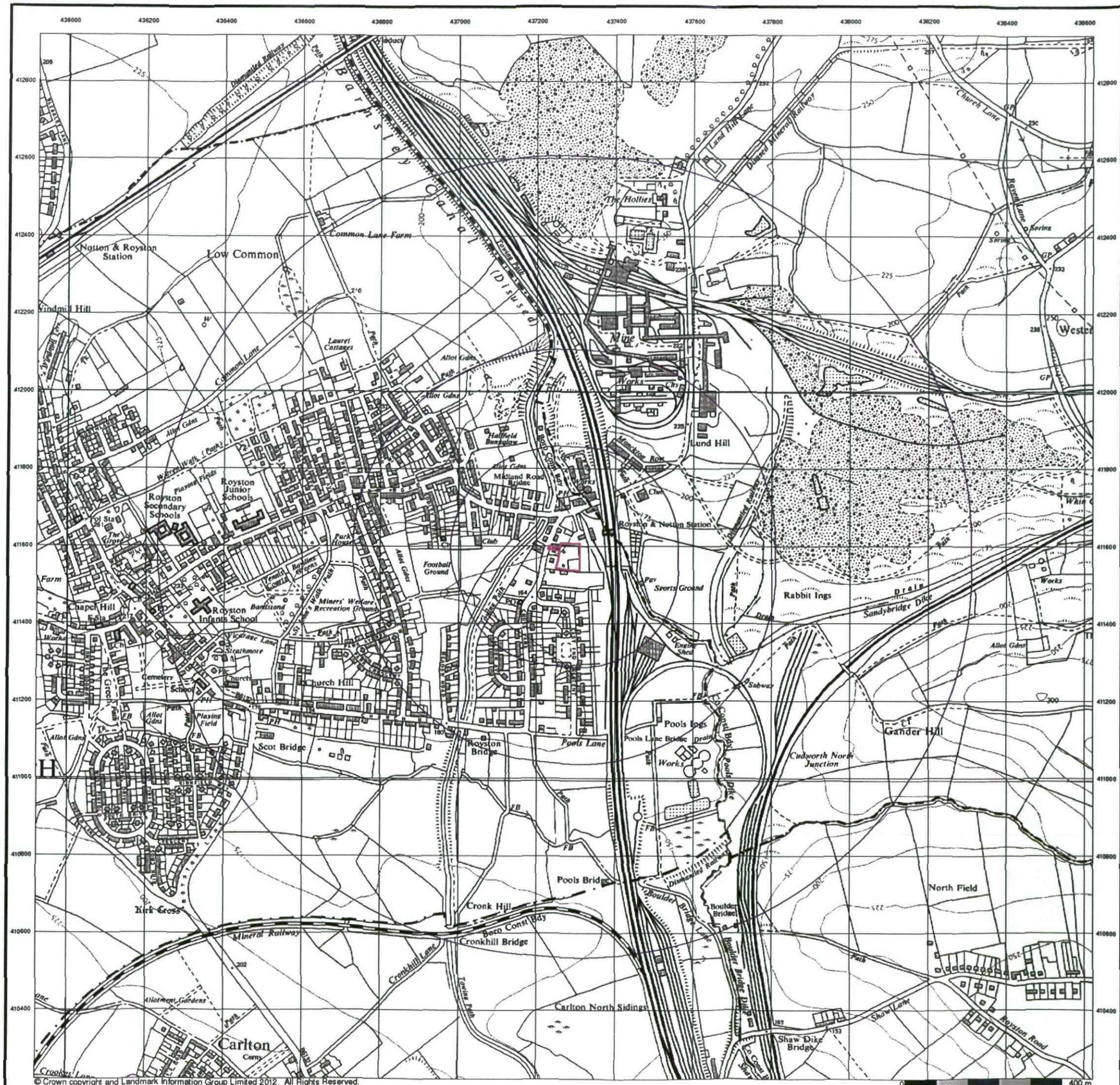

### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
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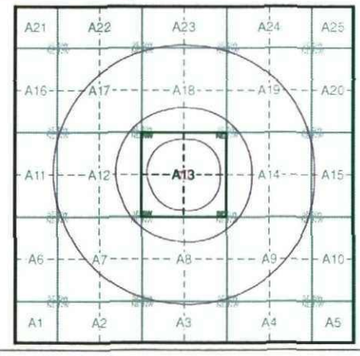
## Ordnance Survey Plan
## Published 1966
## Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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 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)




### Historical Map - Slice A



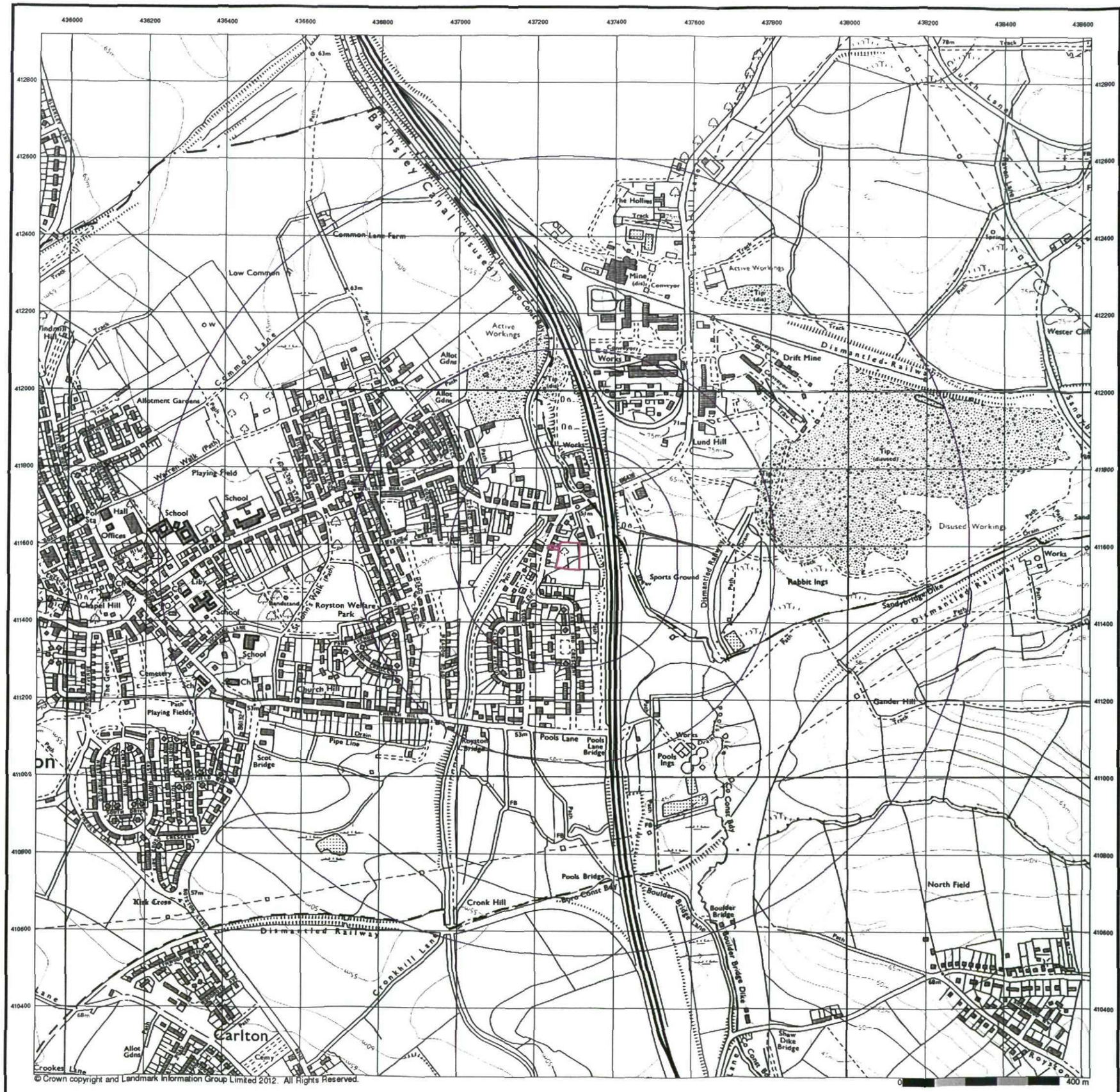

### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

### Site Details

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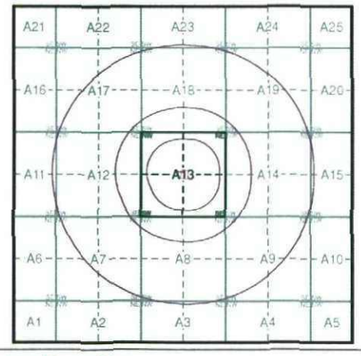
## Ordnance Survey Plan
## Published 1981
## *Source map scale - 1:10,000*

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore 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 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)




### Historical Map - Slice A




### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
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| Slice: | A |
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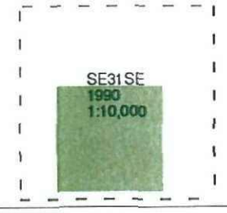

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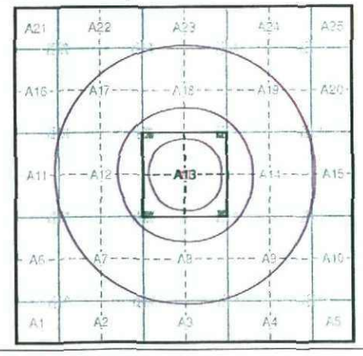
## Ordnance Survey Plan
## Published 1990
## Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 *the 1:2,500 scale was adopted for mapping urban areas; these maps were* used to update the 1:10,560 maps. The published date given therefore 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 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)




### Historical Map - Slice A



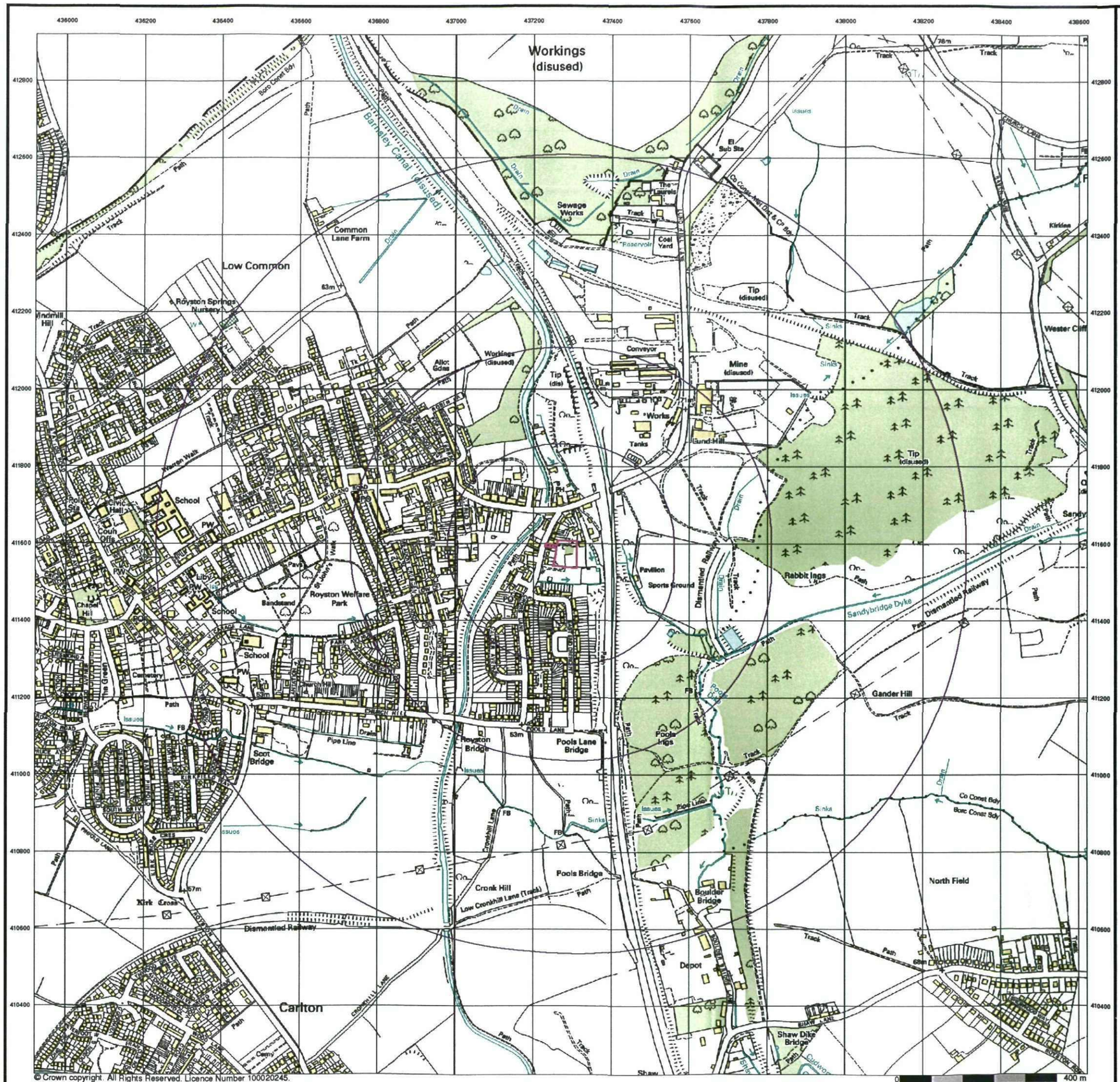

### Order Details

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| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

### Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT

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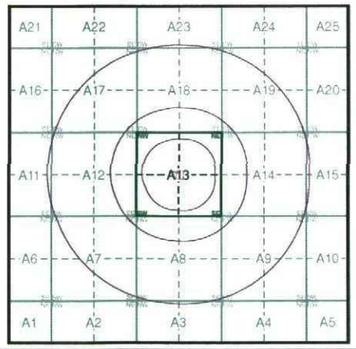
## 10k Raster Mapping
## Published 2006
## Source map scale - 1:10,000

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 depiction includes county, unitary authority, district, civil parish and constituency.

### Map Name(s) and Date(s)

SE31 SE
2006
1:10,000

### Historical Map - Slice A




### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

### Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT

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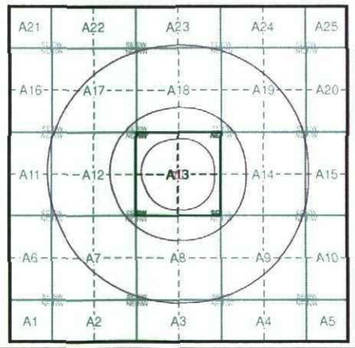
## 10k Raster Mapping
## Published 2012
## Source map scale - 1:10,000

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 depiction includes county, unitary authority, district, civil parish and constituency.

### Map Name(s) and Date(s)




### Historical Map - Slice A




### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

### Site Details

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## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

## Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

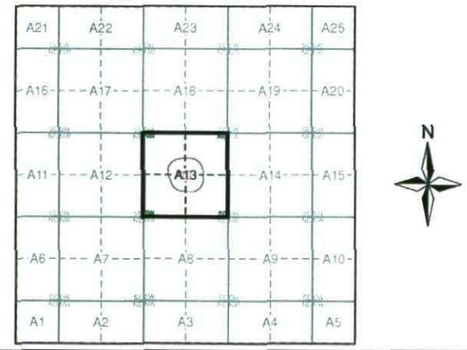
## Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

## Site Sensitivity Map - Segment A13




## Order Details

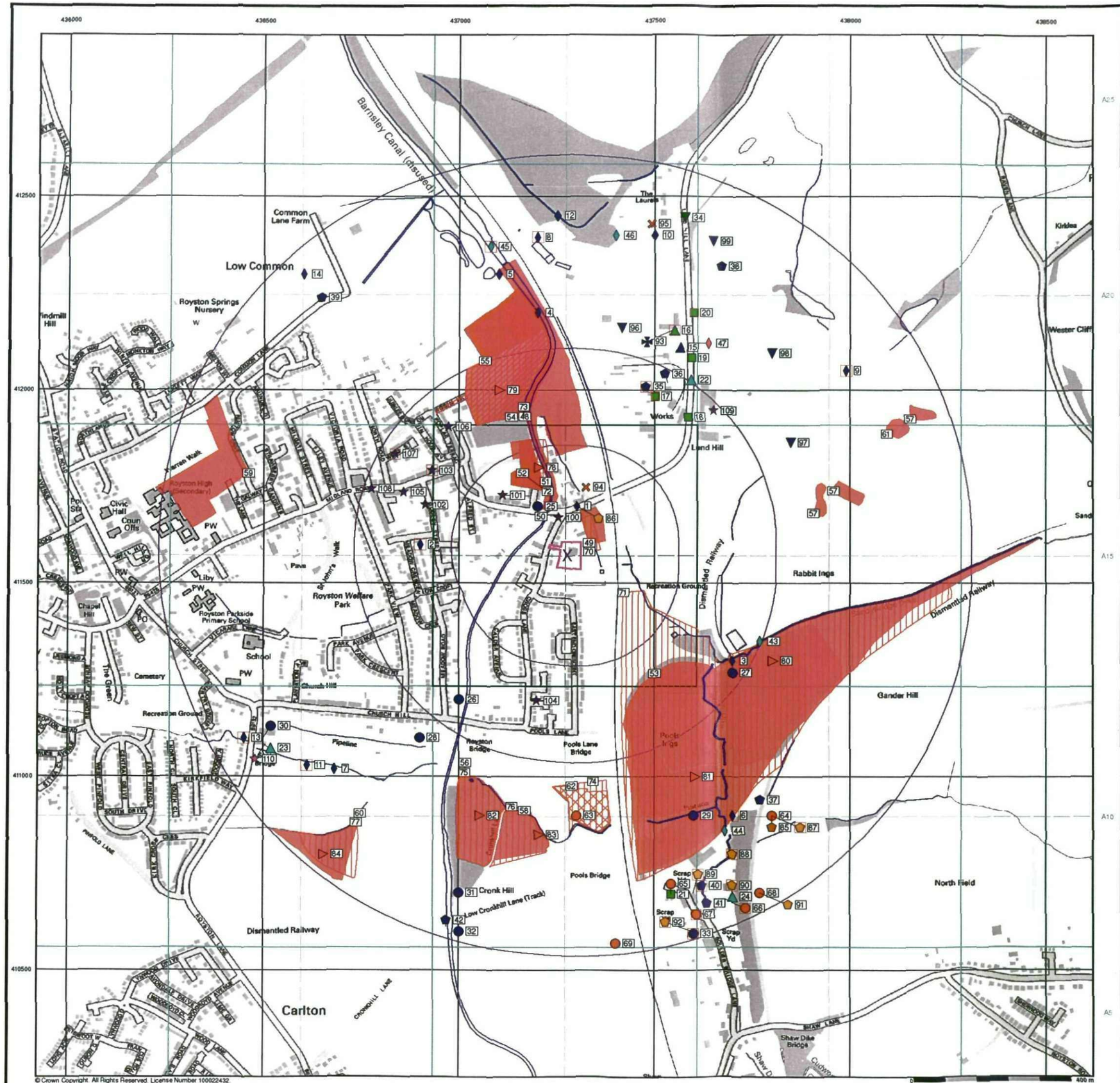
| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |

## Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT

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## General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID

Several of Type at Location

## Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

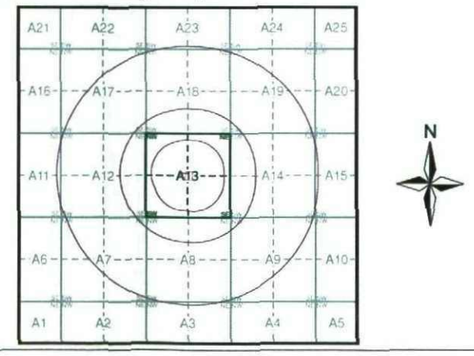
## Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

## Site Sensitivity Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

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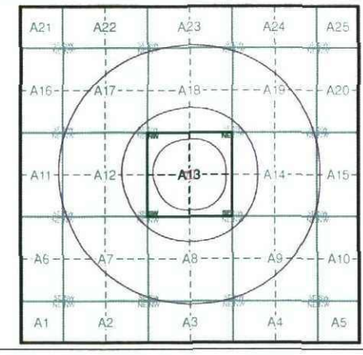
## General

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

## Agency and Hydrological (Flood)

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

## Flood Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

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## General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Map ID
- Several of Type at Location

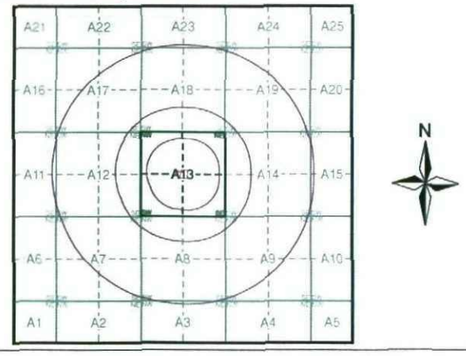
## Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole datasheet which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

## Borehole Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
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# Envirocheck®

## Groundwater Vulnerability

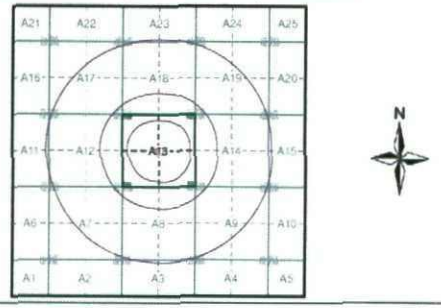
### General

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

### Agency and Hydrological

| Geological Classes | Soil Classes |
|---|---|
| Major Aquifer (Highly Permeable) | High (H) 1, 2, 3, U |
| | Intermediate (I) 1, 2 |
| | Low |
| Minor Aquifer (Variably Permeable) | High (H) 1, 2, 3, U |
| | Intermediate (I) 1, 2 |
| | Low |
| Non Aquifer (Negligibly Permeable) | |
| Water or Sea | |
| Drift Deposit | |

### Site Sensitivity Context Map - Slice A

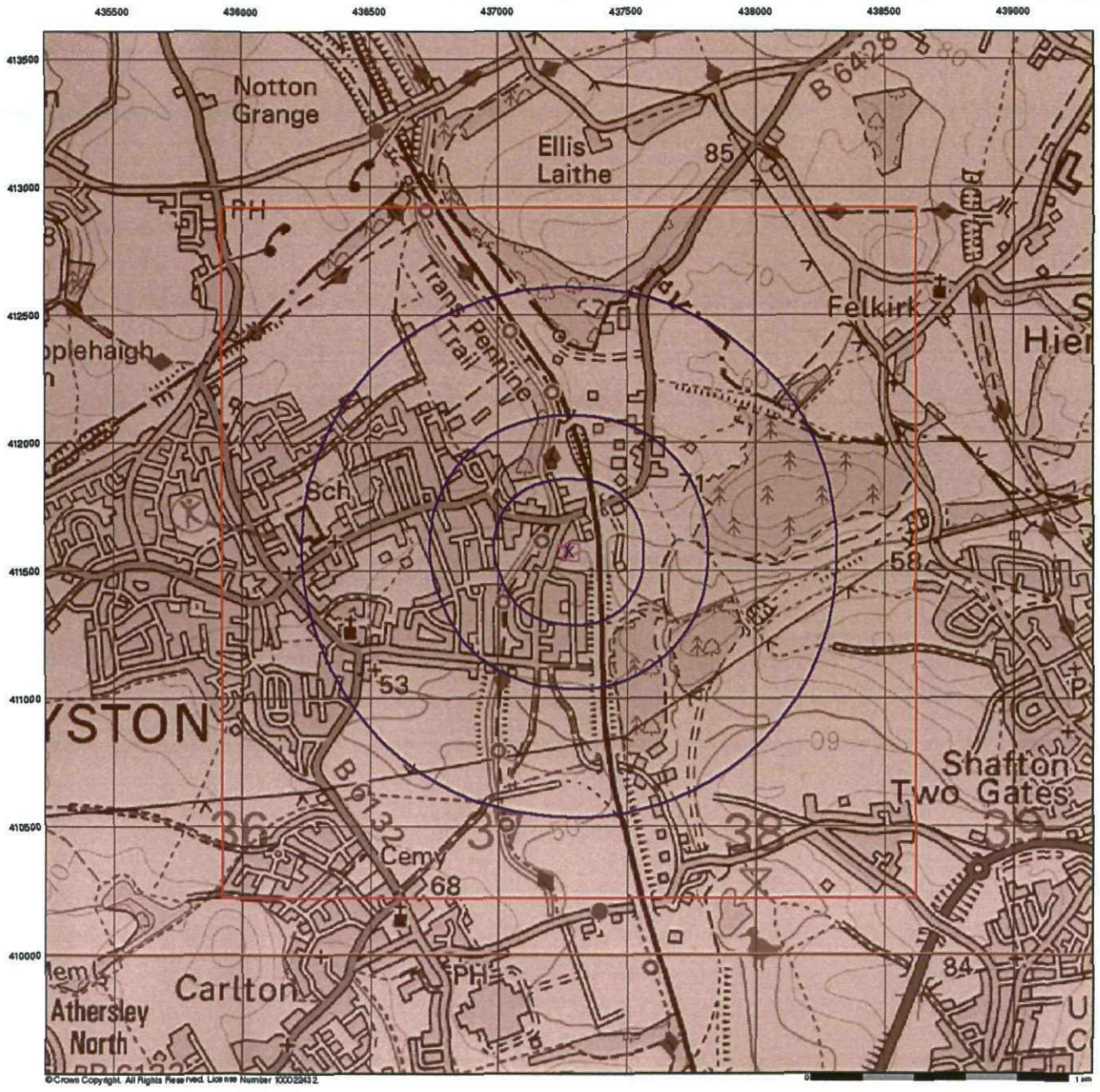



### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

### Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT




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## Bedrock Aquifer Designation

### General

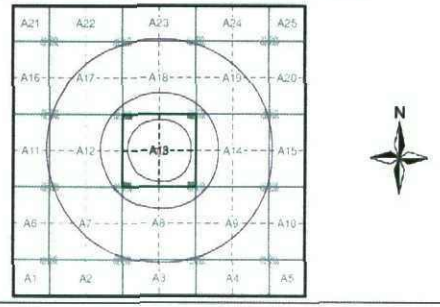
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

### Agency and Hydrological

**Geological Classes**

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

### Site Sensitivity Context Map - Slice A

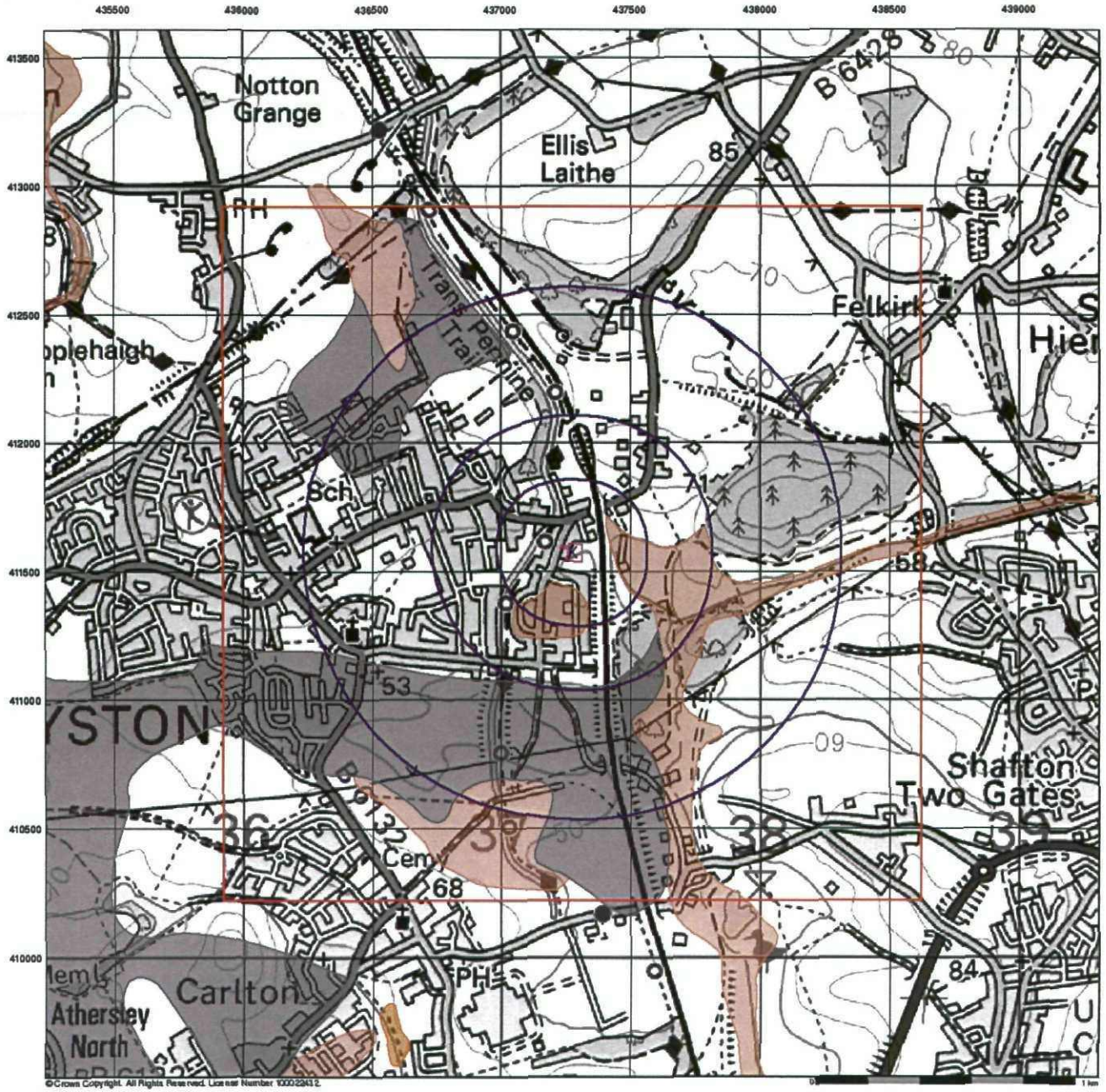



### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

### Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT




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## Superficial Aquifer Designation

**General**

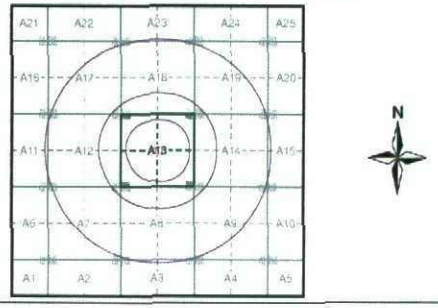
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

***Agency and Hydrological***

**Geological Classes**

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

**Site Sensitivity Context Map - Slice A**

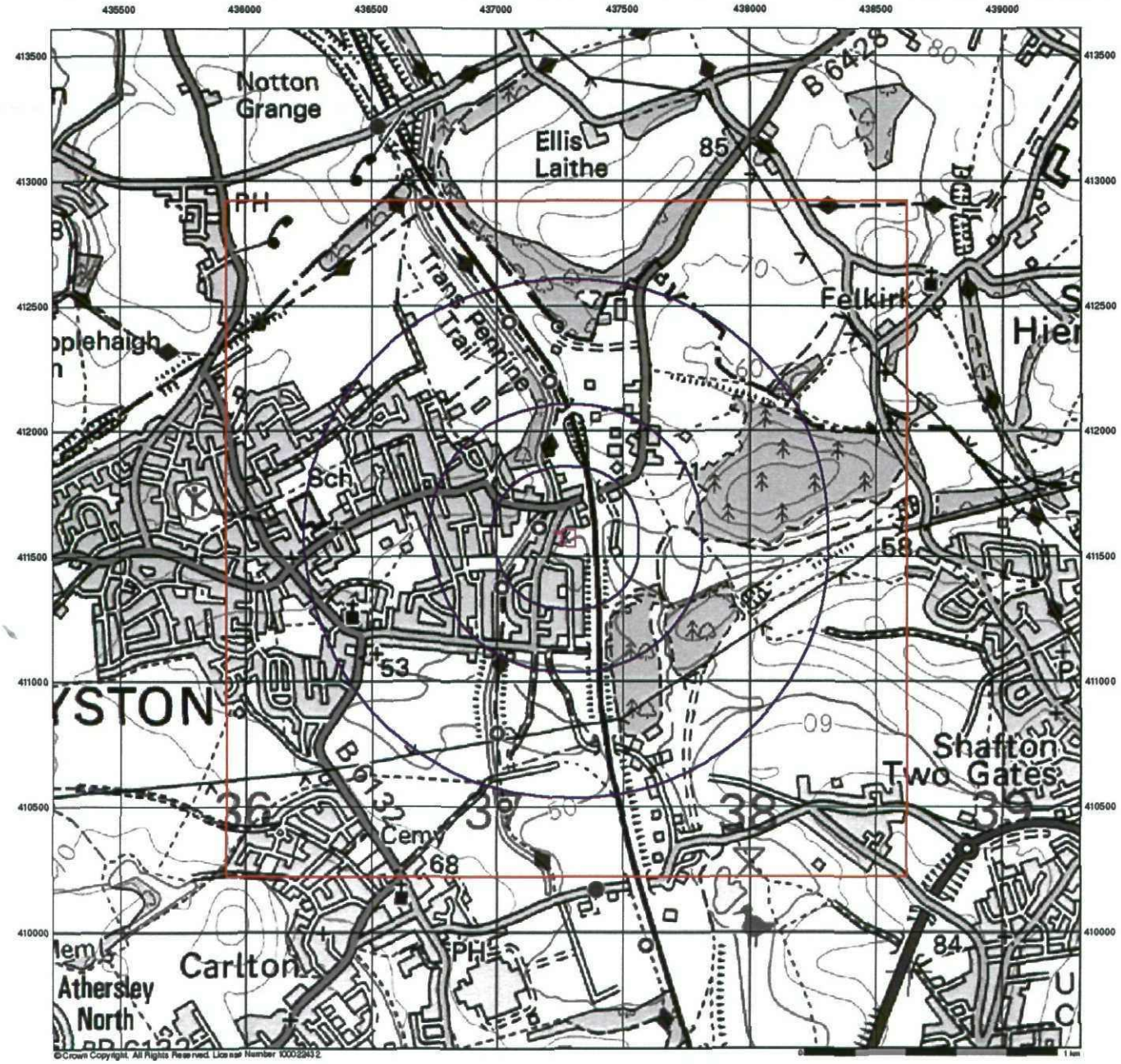



**Order Details**

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

**Site Details**

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT




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## Source Protection Zones

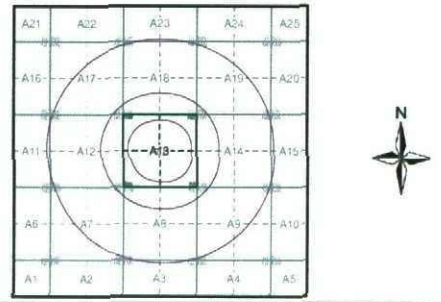
### General

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

### Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

### Site Sensitivity Context Map - Slice A

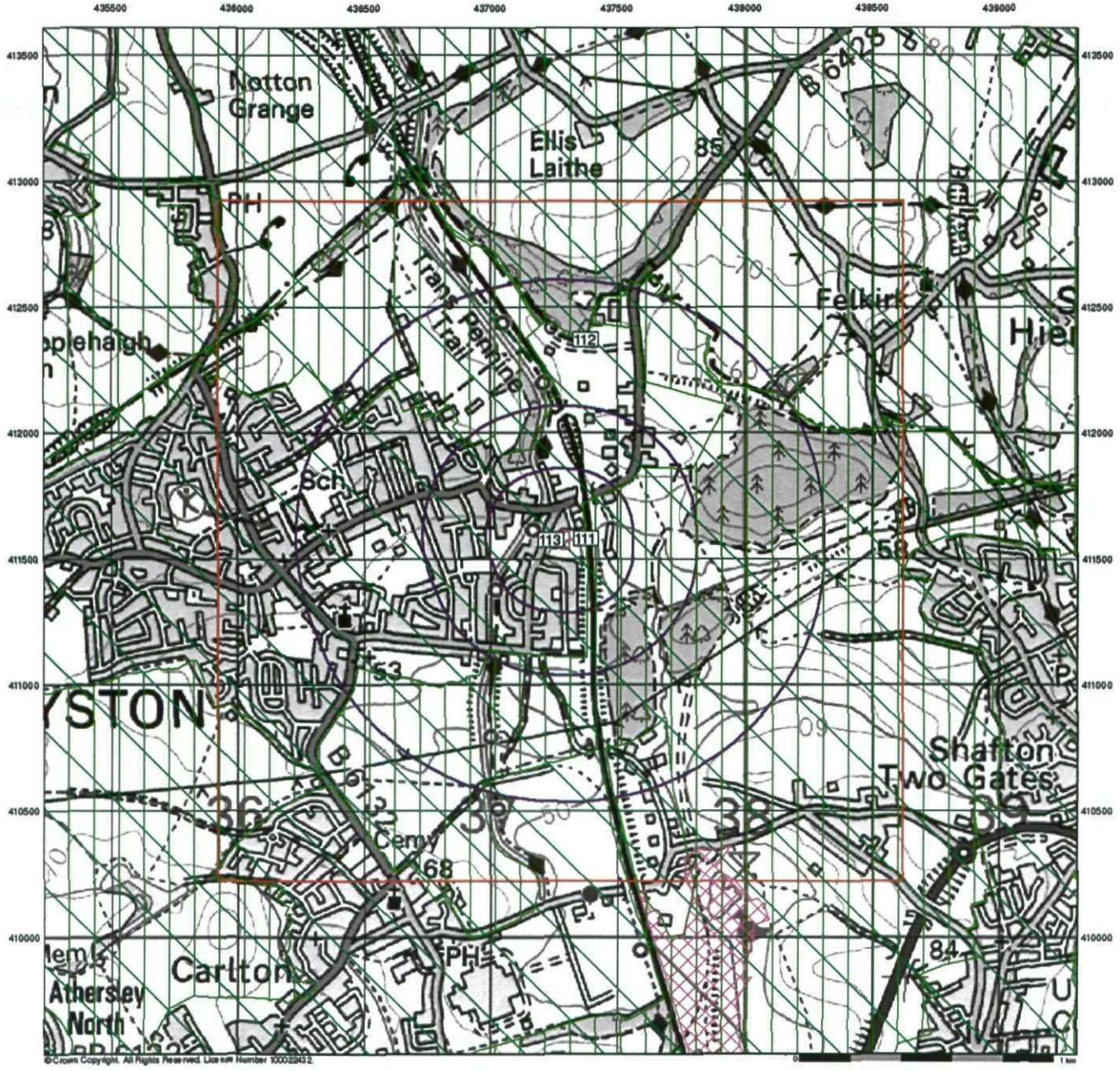



### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

### Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT




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## Sensitive Land Uses

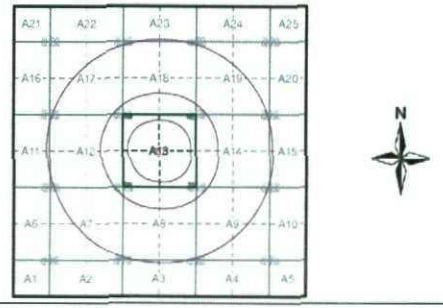
### General

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

### Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

### Site Sensitivity Context Map - Slice A




### Order Details

| | |
|---|---|
| Order Number: | 40054532_1_1 |
| Customer Ref: | 3604 |
| National Grid Reference: | 437280, 411570 |
| Slice: | A |
| Site Area (Ha): | 0.4 |
| Search Buffer (m): | 1000 |

### Site Details

26 Cross Lane, Royston, BARNSLEY, South Yorkshire, S71 4AT

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# Envirocheck® Report:

# Datasheet

## Order Details:

**Order Number:**
40054532_1_1

**Customer Reference:**
3604

**National Grid Reference:**
437280, 411570

**Slice:**
A

**Site Area (Ha):**
0.4

**Search Buffer (m):**
1000

## Site Details:

26 Cross Lane
Royston
BARNSLEY
South Yorkshire
S71 4AT

## Client Details:

E CUS
ECUS
Brook Holt
Blackburn Road
Sheffield
S61 2DW

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# Contents


| Report Section | Page Number |
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**Introduction**

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

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

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**Report Version v47.0**

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# 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 | | 1 | 4 | 26 |
| Enforcement and Prohibition Notices | pg 8 | | | | 1 |
| Integrated Pollution Controls | pg 8 | | | | 6 |
| Integrated Pollution Prevention And Control | pg 10 | | | 4 | 6 |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | pg 13 | | | | 3 |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | pg 13 | | Yes | | |
| Pollution Incidents to Controlled Waters | pg 14 | | 1 | 2 | 8 |
| Prosecutions Relating to Authorised Processes | pg 15 | | | | 1 |
| Prosecutions Relating to Controlled Waters | | | | | |
| Registered Radioactive Substances | | | | | |
| River Quality | pg 16 | | 1 | 2 | 1 |
| River Quality Biology Sampling Points | | | | | |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | pg 16 | | | 3 | 8 |
| Water Abstractions | pg 18 | | | 1 | 6 |
| Water Industry Act Referrals | pg 19 | | | | 1 |
| Groundwater Vulnerability | pg 19 | Yes | n/a | n/a | n/a |
| Bedrock Aquifer Designations | pg 19 | Yes | n/a | n/a | n/a |
| Superficial Aquifer Designations | | | n/a | n/a | n/a |
| Source Protection Zones | | | | | |
| Extreme Flooding from Rivers or Sea without Defences | | | | n/a | n/a |
| Flooding from Rivers or Sea without Defences | | | | n/a | n/a |
| Areas Benefiting from Flood Defences | | | | n/a | n/a |
| Flood Water Storage Areas | | | | n/a | n/a |
| Flood Defences | | | | n/a | n/a |
| **Waste** | | | | | |
| BGS Recorded Landfill Sites | pg 21 | | | 1 | |
| Historical Landfill Sites | pg 21 | | 4 | 2 | 7 |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste Management Facilities (Landfill Boundaries) | pg 24 | | | | 1 |
| Licensed Waste Management Facilities (Locations) | pg 24 | | | | 9 |
| Local Authority Recorded Landfill Sites | pg 26 | | 3 | 1 | 4 |
| Registered Landfill Sites | pg 27 | | 2 | 1 | 6 |
| Registered Waste Transfer Sites | pg 31 | | | | 1 |
| Registered Waste Treatment or Disposal Sites | pg 31 | | 1 | | 16 |

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# 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) | | | | | |
| Explosive Sites | | | | | |
| Notification of Installations Handling Hazardous Substances (NIHHS) | pg 38 | | | | 1 |
| Planning Hazardous Substance Consents | pg 38 | | 1 | | 1 |
| Planning Hazardous Substance Enforcements | | | | | |
| **Geological** | | | | | |
| BGS 1:625,000 Solid Geology | pg 39 | Yes | n/a | n/a | n/a |
| BGS Estimated Soil Chemistry | pg 39 | Yes | Yes | Yes | Yes |
| BGS Recorded Mineral Sites | pg 51 | | | | 4 |
| BGS Urban Soil Chemistry | | | | | |
| BGS Urban Soil Chemistry Averages | | | | | |
| Brine Compensation Area | | | n/a | n/a | n/a |
| Coal Mining Affected Areas | pg 52 | Yes | n/a | n/a | n/a |
| Mining Instability | pg 52 | Yes | n/a | n/a | n/a |
| Man-Made Mining Cavities | | | | | |
| Natural Cavities | | | | | |
| Non Coal Mining Areas of Great Britain | pg 52 | Yes | | n/a | n/a |
| Potential for Collapsible Ground Stability Hazards | pg 52 | Yes | | n/a | n/a |
| Potential for Compressible Ground Stability Hazards | pg 52 | | Yes | n/a | n/a |
| Potential for Ground Dissolution Stability Hazards | | | | n/a | n/a |
| Potential for Landslide Ground Stability Hazards | pg 52 | Yes | Yes | n/a | n/a |
| Potential for Running Sand Ground Stability Hazards | pg 52 | | Yes | n/a | n/a |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 53 | Yes | Yes | n/a | n/a |
| Radon Potential - Radon Affected Areas | pg 53 | Yes | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | | | n/a | n/a | n/a |
| **Industrial Land Use** | | | | | |
| Contemporary Trade Directory Entries | pg 54 | | 2 | 13 | n/a |
| Fuel Station Entries | pg 55 | | | | 1 |

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# 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 56 | | 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 56 | 1 | | | |
| Ramsar Sites | | | | | |
| Sites of Special Scientific Interest | | | | | |
| Special Areas of Conservation | | | | | |
| Special Protection Areas | | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 1 | **Discharge Consents**<br>Operator: Monckton Coke & Chemicals<br>Property Type: Public Gas Supply<br>Location: Royston Gas Works, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: E122<br>Permit Version: 1<br>Effective Date: 1st October 1968<br>Issued Date: 1st October 1968<br>Revocation Date: 22nd July 1993<br>Discharge Type: Trade Discharge - Process Water<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Pools Dyke<br>**Status: Post National Rivers Authority Legislation where issue date > 31/08/1989**<br>Positional Accuracy: Located by supplier to within 100m | A13NE (N) | 94 | 1 | 437300 411700 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Sso At Meadow Crescent, Royston<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3436<br>Permit Version: 3<br>Effective Date: 24th March 2010<br>Issued Date: 24th March 2010<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Tributary Of Pools Dike<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A12NE (W) | 331 | 1 | 436900 411600 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Sso At Meadow Crescent, Royston<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3436<br>Permit Version: 2<br>Effective Date: 22nd March 2010<br>Issued Date: 22nd February 2005<br>Revocation Date: 23rd March 2010<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Tributary Of Pools Dike<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A12NE (W) | 331 | 1 | 436900 411600 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Sso At Meadow Crescent, Royston<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3436<br>*Permit Version:* 1<br>Effective Date: 5th March 1980<br>Issued Date: 5th March 1980<br>Revocation Date: 21st March 2010<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Tributary Of Pools Dike<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A12NE (W) | 331 | 1 | 436900 411600 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 3 | **Discharge Consents**<br>Operator: Monckton Coke & Chemical Co Ltd<br>Property Type: Trade (Unknown/Other)<br>Location: Monkton Coke And Chemical Works,Out, Let 1<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: E120<br>Permit Version: 1<br>Effective Date: 11th October 1968<br>Issued Date: 11th October 1968<br>Revocation Date: 15th May 1988<br>Discharge Type: Trade Effluent<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Pools Dyke<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A14SW (SE) | 455 | 1 | 437700 411300 |
| 4 | **Discharge Consents**<br>Operator: Monckton Coke & Chemical Co Ltd<br>Property Type: Trade (Unknown/Other)<br>Location: Monkton Coke And Chemical Works,Out, Let 1<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: E120<br>Permit Version: 3<br>Effective Date: 16th August 1995<br>Issued Date: 16th August 1995<br>Revocation Date: 4th February 2003<br>Discharge Type: Trade Effluent<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Pools Dyke<br>**Status: Revised Consent, by Notice (Section 37(1))**<br>Positional Accuracy: Located by supplier to within 100m | A18SW (N) | 596 | 1 | 437200 412200 |
| 4 | **Discharge Consents**<br>Operator: Monckton Coke & Chemical Co Ltd<br>Property Type: Trade (Unknown/Other)<br>Location: Monkton Coke And Chemical Works,Out, Let 1<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: E120<br>Permit Version: 2<br>Effective Date: 16th May 1988<br>Issued Date: 16th May 1988<br>*Revocation Date: 15th August 1995*<br>Discharge Type: Trade Effluent<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Pools Dyke<br>**Status: Transferred from COPA 1974**<br>Positional Accuracy: Located by supplier to within 100m | A18SW (N) | 596 | 1 | 437200 412200 |
| 4 | **Discharge Consents**<br>Operator: Monckton Coke & Chemical Co Ltd<br>Property Type: Trade (Unknown/Other)<br>Location: Monkton Coke And Chemical Works,Out, Let 1<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: E120<br>Permit Version: 1<br>Effective Date: 11th October 1968<br>Issued Date: 11th October 1968<br>*Revocation Date: 15th May 1988*<br>Discharge Type: Trade Effluent<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Pools Dyke<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A18SW (N) | 596 | 1 | 437200 412200 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 5 | **Discharge Consents**<br>Operator: British Coal Corporation<br>Property Type: Trade (Unknown/Other)<br>Location: Royston Drift Mine, Royston, Barnsley<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: C4895<br>Permit Version: 1<br>Effective Date: 9th December 1987<br>Issued Date: 9th December 1987<br>Revocation Date: 7th November 1990<br>Discharge Type: Trade Effluent<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Not Supplied<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Located by supplier to within 100m | A18NW (N) | 712 | 1 | 437100 412300 |
| 6 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Royston Cso Pools Lane, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: C4871<br>Permit Version: 3<br>Effective Date: 24th March 2010<br>Issued Date: 24th March 2010<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Pools Dike<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A9NW (SE) | 746 | 1 | 437700 410900 |
| 6 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Royston Cso Pools Lane, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: C4871<br>Permit Version: 2<br>Effective Date: 22nd March 2010<br>Issued Date: 22nd February 2005<br>Revocation Date: 23rd March 2010<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Pools Dike<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A9NW (SE) | 746 | 1 | 437700 410900 |
| 6 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Royston Cso Pools Lane, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: C4871<br>Permit Version: 1<br>Effective Date: 18th November 1987<br>Issued Date: 18th November 1987<br>Revocation Date: 21st March 2010<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Pools Dike<br>**Status: Transferred from COPA 1974**<br>Positional Accuracy: Located by supplier to within 100m | A9NW (SE) | 746 | 1 | 437700 410900 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 7 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Pumping Station - Water Company<br>Location: Royston Lane B Sewage Pumping Stn, Royston Lane, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wra7801<br>Permit Version: 1<br>Effective Date: 26th February 2002<br>Issued Date: 26th February 2002<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Unnamed Trib Of Pools Dike<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as *amended by Environment* Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | A7NE (SW) | 773 | 1 | 436680 411020 |
| 8 | **Discharge Consents**<br>Operator: Mr A Wilcox<br>Property Type: Not Given<br>Location: Yorkshire Water Services Ltd, Carlton Road Depot, Rotherham Road, BARNSLEY , S71 2AG<br>Authority: Environment Agency, North East Region<br>Catchment Area: Not Given<br>Reference: 41094000<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Effluent<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | A18NW (N) | 790 | 1 | 437200 412395 |
| 8 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewage Disposal Works - Water Company<br>Location: Monckton Colliery Stw, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: E691<br>Permit Version: 2<br>Effective Date: 22nd July 1996<br>Issued Date: 22nd July 1996<br>Revocation Date: 28th July 2010<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge Environment: Canal<br>Receiving Water: Barnsley Canal<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A18NW (N) | 795 | 1 | 437200 412400 |
| 8 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewage Disposal Works - Water Company<br>Location: Monckton Colliery Stw, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: E691<br>Permit Version: 1<br>Effective Date: 16th November 1981<br>Issued Date: 16th November 1981<br>Revocation Date: 21st July 1996<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br>Discharge Environment: Canal<br>Receiving Water: Barnsley Canal<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A18NW (N) | 795 | 1 | 437200 412400 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 8 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewage Disposal Works - Water Company<br>Location: Monckton Colliery Stw, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: E691<br>Permit Version: 1<br>Effective Date: 16th November 1981<br>Issued Date: 16th November 1981<br>Revocation Date: 21st July 1996<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Canal<br>Receiving Water: Barnsley Canal<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A18NW (N) | 795 | 1 | 437200 412400 |
| 9 | **Discharge Consents**<br>Operator: City Of Wakefield Mdc<br>Property Type: Coal Extraction, Surface - Abandoned<br>Location: Former Royston Drift Mine, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3744<br>Permit Version: 3<br>Effective Date: 29th May 1986<br>Issued Date: 29th May 1986<br>Revocation Date: 5th February 1993<br>Discharge Type: Trade Effluent<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Unknown<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Located by supplier to within 10m | A19SE (NE) | 804 | 1 | 437980 412050 |
| 9 | **Discharge Consents**<br>Operator: City Of Wakefield Mdc<br>Property Type: Coal Extraction, Surface - Abandoned<br>Location: Former Royston Drift Mine, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3744<br>Permit Version: 1<br>Effective Date: 22nd September 1983<br>Issued Date: 22nd September 1983<br>Revocation Date: 24th May 1986<br>Discharge Type: Trade Effluent<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Unknown<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 10m | A19SE (NE) | 804 | 1 | 437980 412050 |
| 9 | **Discharge Consents**<br>Operator: City Of Wakefield Mdc<br>Property Type: Coal Extraction, Surface<br>Location: Monckton No.4 & No. 6 Pumping Stats Lund Hill Lane, Royston, Near Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3744<br>Permit Version: 2<br>Effective Date: 25th May 1986<br>Issued Date: 25th May 1986<br>Revocation Date: 28th May 1986<br>Discharge Type: Trade Discharge - Process Water<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Unknown<br>**Status: Transferred from COPA 1974**<br>Positional Accuracy: Located by supplier to within 10m | A19SE (NE) | 812 | 1 | 437990 412050 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 9 | **Discharge Consents**<br>Operator: Monckton Coke & Chemical Co Ltd<br>Property Type: Coal Extraction, Surface<br>Location: Monckton No.4 & No. 6 Pumping Stats Lund Hill Lane, Royston, Near Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3704<br>Permit Version: 1<br>Effective Date: 22nd September 1983<br>Issued Date: 22nd September 1983<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharge - Process Water<br>Discharge Environment: Canal<br>Receiving Water: Barnsley Canal<br>**Status: Transferred from COPA 1974**<br>Positional Accuracy: Located by supplier to within 10m | A19SE (NE) | 812 | 1 | 437990 412050 |
| 10 | **Discharge Consents**<br>Operator: Monckton Coke & Chemical Co Ltd<br>Property Type: Coal Extraction, Surface<br>Location: Ncb,Monckton No.4 Pumping Station M, Inewater<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: C3704<br>Permit Version: 1<br>Effective Date: 18th November 1988<br>Issued Date: 18th November 1988<br>Revocation Date: 15th September 2003<br>Discharge Type: Trade Effluent<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Not Supplied<br>**Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A18NE (N) | 817 | 1 | 437500 412400 |
| 11 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Church Hill Cso Church Hill, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 2332<br>Permit Version: 3<br>Effective Date: 24th March 2010<br>Issued Date: 24th March 2010<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Royston Scott Dike<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | A7NE (SW) | 820 | 1 | 436610 411030 |
| 11 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Church Hill Cso Church Hill, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 2332<br>Permit Version: 2<br>Effective Date: 22nd March 2010<br>Issued Date: 21st March 2005<br>Revocation Date: 23rd March 2010<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Royston Scott Dike<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | A7NE (SW) | 820 | 1 | 436610 411030 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 11 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Church Hill Cso Church Hill, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 2332<br>Permit Version: 1<br>Effective Date: 9th January 1968<br>Issued Date: 9th January 1968<br>Revocation Date: 21st March 2010<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Royston Scott Dike<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 10m | A7NE (SW) | 820 | 1 | 436610 411030 |
| 12 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewage Disposal Works<br>Location: Monckton Colliery Stw, Monckton Colliery, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: E691(SS)<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Settled storm discharge - storm tank discharges<br>Discharge Environment: Canal<br>Receiving Water: Tributary Of Barnsley Canal<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | A18NW (N) | 843 | 1 | 437250 412450 |
| 13 | **Discharge Consents**<br>Operator: Owenstile Company Ltd.<br>Property Type: Industrial Parks & Estates<br>Location: J&C Motors Royston Lane, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Calder<br>Reference: C5050<br>Permit Version: 2<br>Effective Date: 21st July 1993<br>Issued Date: 21st July 1993<br>Revocation Date: 8th August 2006<br>Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites)<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Shaw Dyke<br>**Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A7NW (SW) | 871 | 1 | 436500 411100 |
| 13 | **Discharge Consents**<br>Operator: Owenstile Company Ltd.<br>Property Type: Industrial Parks & Estates<br>Location: J&C Motors Royston Lane, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Calder<br>Reference: C5050<br>Permit Version: 1<br>Effective Date: 26th April 1988<br>Issued Date: 26th April 1988<br>Revocation Date: 20th July 1993<br>Discharge Type: Trade Discharges - Site Drainage<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Shaw Dyke<br>**Status: Transferred from COPA 1974**<br>Positional Accuracy: Located by supplier to within 100m | A7NW (SW) | 871 | 1 | 436500 411100 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 13 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Pumping Station - Water Company<br>Location: Royston Lane A Sps Royston Lane, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wadc355<br>Permit Version: 2<br>Effective Date: 14th April 2009<br>Issued Date: 14th April 2009<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Unknown<br>**Status: Transferred from Water Act 1989**<br>Positional Accuracy: Located by supplier to within 10m | A7NW (SW) | 915 | 1 | 436450 411100 |
| 13 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Pumping Station - Water Company<br>Location: Royston Lane A Sps Royston Lane, Royston, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wadc355<br>Permit Version: 1<br>Effective Date: 2nd November 1989<br>Issued Date: 2nd November 1989<br>Revocation Date: 13th April 2009<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Unknown<br>**Status: Transferred from Water Act 1989**<br>Positional Accuracy: Located by supplier to within 100m | A7NW (SW) | 915 | 1 | 436450 411100 |
| 14 | **Discharge Consents**<br>Operator: Royston Springs<br>Property Type: Trade (Unknown/Other)<br>Location: Smith B,Royston Springs,Common Lane, ,Royston Consent No Wra7063<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wra7063<br>Permit Version: 1<br>Effective Date: 17th June 1994<br>Issued Date: 17th June 1994<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Ditch Trib Of Barnsley<br>**Status: New Consent, by Application (Water Resources Act 1991, Section 88)**<br>Positional Accuracy: Located by supplier to within 100m | A17NE (NW) | 945 | 1 | 436600 412300 |
| 15 | **Enforcement and Prohibition Notices**<br>Location: Lund Mill Lane, Royston, Barnsley, South Yorkshire, S71 4bd<br>Permit Reference: Not Given<br>Enforcement Date: Not Supplied<br>Details: Notice Served To Ensure Emission Limits For Sulphur Dioxide Are Not Exceeded<br>Positional Accuracy: Manually positioned to the address or location | A18SE (NE) | 562 | 1 | 437565 412106 |
| 16 | ***Integrated Pollution Controls***<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: P O Box 25, Lund Hill Lane, Royston, BARNSLEY, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: AI9419<br>Dated: 13th December 1993<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A18SE (NE) | 591 | 1 | 437550 412145 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 16 | **Integrated Pollution Controls**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: Po Box 25, BARNSLEY, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bk0663<br>Dated: 8th December 2000<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry<br>**Status: Revoked - Now IPPC**<br>Positional Accuracy: Manually positioned to the address or location | A18SE (NE) | 595 | 1 | 437550 412150 |
| 16 | **Integrated Pollution Controls**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: P O Box 25, Lund Hill Lane, Royston, BARNSLEY, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bi8620<br>Dated: 28th June 2000<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A18SE (NE) | 595 | 1 | 437550 412150 |
| 16 | **Integrated Pollution Controls**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: Po Box 25, Lund Hill Lane, Royston, BARNSLEY, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: BD7855<br>Dated: 24th November 1998<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A18SE (NE) | 595 | 1 | 437550 412150 |
| 16 | **Integrated Pollution Controls**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: P O Box 25, Lund Hill Lane, Royston, BARNSLEY, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: AX2901<br>Dated: 26th February 1998<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A18SE (NE) | 600 | 1 | 437550 412155 |
| 16 | **Integrated Pollution Controls**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: P O Box 25, Lund Hill Lane, Royston, BARNSLEY, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: AF7835<br>Dated: 31st December 1992<br>Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation<br>Description: 1.2 A (A) Carbonisation and associated processes within the Fuel & Power Industry<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A18SE (NE) | 602 | 1 | 437555 412155 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 17 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: Po Box 25, Royston, Barnsley, South Yorkshire, S71 4be<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bv3375<br>Original Permit Ref: Bk3441<br>Effective Date: 11th September 2003<br>**Status: Superseded By Variation**<br>Application Type: PPC MINOR VARIATION<br>App. Sub Type: Not Supplied<br>Positional Accuracy: Manually positioned to the address or location<br>Activity Code: 1.2 A(1) (C)<br>Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens<br>Primary Activity: Not Supplied<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: Not Supplied<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: Not Supplied<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: Not Supplied<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: Not Supplied | A18SE (NE) | 423 | 1 | 437501 411983 |
| 17 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke & Chemical Company Ltd<br>Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: Mp3636sn<br>Original Permit Ref: Bk3441ia<br>Effective Date: 16th December 2005<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Standard<br>Positional Accuracy: Manually positioned within the geographical locality<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: N<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: Y<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: N | A18SE (NE) | 429 | 1 | 437541 411967 |
| 17 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: Po Box 25, Royston, Barnsley, South Yorkshire, S71 4be<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bv0031<br>Original Permit Ref: Bk3441<br>Effective Date: 11th June 2003<br>**Status: Superseded By Variation**<br>Application Type: PPC MINOR VARIATION<br>App. Sub Type: Not Supplied<br>Positional Accuracy: Manually positioned to the address or location<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: Not Supplied<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: Not Supplied<br>Activity Code: 1.2 A(1) (C)<br>Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens<br>Primary Activity: Not Supplied<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: Not Supplied<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: Not Supplied | A18SE (NE) | 445 | 1 | 437543 411985 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 18 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: Po Box 25, Royston, Barnsley, South Yorkshire, S71 4be<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bu3612<br>Original Permit Ref: Bk3441<br>Effective Date: 22nd April 2003<br>**Status: Superseded By Variation**<br>Application Type: PPC MINOR VARIATION<br>App. Sub Type: Not Supplied<br>Positional Accuracy: Manually positioned to the address or location<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: Not Supplied<br>Activity Code: 1.2 A(1) (C)<br>Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens<br>Primary Activity: Not Supplied<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: Not Supplied<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: Not Supplied<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: Not Supplied | A18SE (NE) | 426 | 1 | 437586 411930 |
| 19 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke & Chemical Company Ltd<br>Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bu3612iw<br>Original Permit Ref: Bk3441ia<br>Effective Date: 22nd April 2003<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Minor<br>Positional Accuracy: Manually positioned within the geographical locality<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: N<br>Activity Code: 1.2 A(1) (C) (CHARGING) (A)<br>Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens<br>Primary Activity: Y<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: N<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: N | A18SE (NE) | 565 | 1 | 437595 412093 |
| 20 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke & Chemical Company Ltd<br>Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bx3821is<br>Original Permit Ref: Bk3441ia<br>Effective Date: 13th February 2004<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Minor<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: Y<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: N<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: N | A18SE (NE) | 662 | 1 | 437600 412200 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 20 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke & Chemical Company Ltd<br>Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bv3375ib<br>Original Permit Ref: Bk3441ia<br>Effective Date: 11th September 2003<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Minor<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: N<br>Activity Code: 1.2 A(1) (C) (CHARGING) (A)<br>Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: N<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: Y<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: N | A18SE (NE) | 662 | 1 | 437600 412200 |
| 20 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke & Chemical Company Ltd<br>Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bv0031im<br>Original Permit Ref: Bk3441ia<br>Effective Date: 11th June 2003<br>**Status: Superseded By Variation**<br>Application Type: Variation<br>App. Sub Type: Minor<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 1.2 A(1) (C) (CHARGING) (A)<br>Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: N<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: N<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: N<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: Y | A18SE (NE) | 662 | 1 | 437600 412200 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 20 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke & Chemical Company Ltd<br>Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bk3441ia<br>Original Permit Ref: Bk3441ia<br>Effective Date: 13th June 2002<br>**Status: Superseded By Variation**<br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: N<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: N<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: N<br>Activity Code: 1.2 A(1) (C) (CHARGING) (A)<br>Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens<br>Primary Activity: Y | A18SE (NE) | 662 | 1 | 437600 412200 |
| 21 | **Integrated Pollution Prevention And Control**<br>Name: C K Beckett<br>Location: Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ<br>Authority: Environment Agency, North East Region<br>Permit Reference: XP3536UB<br>Original Permit Ref: Xp3536ub<br>Effective Date: 27th May 2008<br>**Status: Effective**<br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 5.3 A(1) (B)<br>Activity Description: Other Waste Disposal; Waste Oils Greater Than 10T/Day<br>Primary Activity: Y | A8SE (S) | 871 | 1 | 437542 410696 |
| 22 | **Local Authority Pollution Prevention and Controls**<br>Name: Yorkshire Minerals & Reclamation<br>Location: Lundhill Lane, Royston, Barnsley<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: Not Supplied<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG3/5 Coal, coke and coal product processes<br>**Status: Application Withdrawn**<br>Positional Accuracy: Manually positioned to the road within the address or location | A18SE (NE) | 503 | 2 | 437593 412022 |
| 23 | **Local Authority Pollution Prevention and Controls**<br>Name: J C Motors<br>Location: Royston Lane, Royston, BARNSLEY, S71 4NJ<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: PPC/B/119<br>Dated: 24th March 1999<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br>**Status: Authorised**<br>Positional Accuracy: Manually positioned to the address or location | A7NW (SW) | 880 | 2 | 436498 411086 |
| 24 | **Local Authority Pollution Prevention and Controls**<br>Name: Heeley Concrete<br>Location: Boulder Bridge Lane, Carlton, Barnsley<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: PPC/B/70<br>Dated: 22nd September 2006<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG3/1Blending, packing, loading and use of bulk cement<br>**Status: Permitted**<br>Positional Accuracy: Located by supplier to within 10m | A9SW (SE) | 935 | 2 | 437701 410686 |
| | **Nearest Surface Water Feature** | A13NE (E) | 32 | - | 437343 411595 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 25 | **Pollution Incidents to Controlled Waters**<br>Property Type: Other General Premises<br>Location: Edderthorpe Lane/Rail Viadct Dearne 11<br>Authority: Environment Agency, North East Region<br>Pollutant: Miscellaneous - No Visible Pollution/Nothing Found<br>Note: Not Supplied<br>Incident Date: 11th November 1994<br>Incident Reference: 153634<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A13NW (NW) | 106 | 1 | 437200 411700 |
| 26 | **Pollution Incidents to Controlled Waters**<br>Property Type: Other General Premises<br>Location: Barnsley Canal At Royston<br>Authority: Environment Agency, North East Region<br>Pollutant: Low Dissolved Oxygen<br>Note: No Fish Killed<br>Incident Date: 10th January 1995<br>Incident Reference: SH950107<br>Catchment Area: Dearne<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A8NW (SW) | 424 | 1 | 437000 411200 |
| 27 | **Pollution Incidents to Controlled Waters**<br>Property Type: Water Company Sewage: Foul Sewer<br>Location: Edderthorpe Lane/Rail Viadct Dearne 11<br>Authority: Environment Agency, North East Region<br>Pollutant: Unknown Sewage<br>Note: Not Supplied<br>Incident Date: 5th June 1994<br>Incident Reference: 152175<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A14SW (SE) | 458 | 1 | 437700 411295 |
| 28 | **Pollution Incidents to Controlled Waters**<br>Property Type: Water Company Sewage: Storm Overflow<br>Location: Cudworth Dyke At, Boulder Bridge<br>Authority: Environment Agency, North East Region<br>Pollutant: Surcharged Sewage<br>Note: No Fish Killed<br>Incident Date: 3rd August 1997<br>Incident Reference: SH970433<br>Catchment Area: Dearne Tributaries<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A7NE (SW) | 564 | 1 | 436900 411100 |
| 29 | **Pollution Incidents to Controlled Waters**<br>Property Type: Water Company Sewage: Storm Overflow<br>Location: Cudworth Dyke<br>Authority: Environment Agency, North East Region<br>Pollutant: Sewage - Storm Overflow<br>Note: No Fish Killed<br>Incident Date: 3rd August 1997<br>Incident Reference: SH970427<br>Catchment Area: Dearne Tributaries<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A8NE (SE) | 699 | 1 | 437600 410900 |
| 30 | **Pollution Incidents to Controlled Waters**<br>Property Type: Industrial Premises<br>Location: Edderthorpe Lane/Rail Viadct Dearne 11<br>Authority: Environment Agency, North East Region<br>Pollutant: Miscellaneous - Vehicle Washings And De Waxing<br>Note: Not Supplied<br>Incident Date: 28th July 1993<br>Incident Reference: 146481<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A7NW (SW) | 871 | 1 | 436500 411100 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 31 | **Pollution Incidents to Controlled Waters**<br>Property Type: Fire Water<br>Location: Royston Canal, Cronkhill Lane, CARLTON<br>Authority: Environment Agency, North East Region<br>Pollutant: Not Given<br>Note: Biology Affected; Fisheries Affected; 11-200 Fish Killed<br>Incident Date: 23rd August 1997<br>Incident Reference: SH970447<br>Catchment Area: Dearne Tributaries<br>Receiving Water: Canal<br>Cause of Incident: Not Given<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A8SW (S) | 878 | 1 | 437000 410700 |
| 32 | **Pollution Incidents to Controlled Waters**<br>Property Type: Other General Premises<br>Location: Royston Canal At, BARNSLEY<br>Authority: Environment Agency, North East Region<br>Pollutant: Algae<br>Note: Biology Affected; Fisheries Affected; No Fish Killed<br>Incident Date: 28th August 1997<br>Incident Reference: SH970456<br>Catchment Area: Dearne Tributaries<br>Receiving Water: Canal<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A8SW (S) | 974 | 1 | 437000 410600 |
| 33 | **Pollution Incidents to Controlled Waters**<br>Property Type: Industrial Premises<br>Location: Edderthorpe Lane/Rail Viadct Dearne 11<br>Authority: Environment Agency, North East Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 22nd December 1993<br>Incident Reference: 149324<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A8SE (S) | 980 | 1 | 437600 410600 |
| 33 | **Pollution Incidents to Controlled Waters**<br>Property Type: Water Company Sewage: Storm Overflow<br>Location: Cudworth Dyke At, Boulder Bridge<br>Authority: Environment Agency, North East Region<br>Pollutant: Sewage - Storm Overflow<br>Note: No Fish Killed<br>Incident Date: 22nd August 1997<br>Incident Reference: SH970445<br>Catchment Area: Dearne Tributaries<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A8SE (S) | 985 | 1 | 437600 410595 |
| 33 | **Pollution Incidents to Controlled Waters**<br>Property Type: Industrial: Other<br>Location: Ripleys Yard, Boulder Bridge<br>Authority: Environment Agency, North East Region<br>Pollutant: Chemicals - Detergents/Surfactant<br>Note: No Fish Killed<br>Incident Date: 9th January 1995<br>Incident Reference: SH950091<br>Catchment Area: Dearne Tributaries<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A8SE (S) | 986 | 1 | 437605 410595 |
| 34 | **Prosecutions Relating to Authorised Processes**<br>Location: Lundhill Lane, Royston, S71<br>Prosecution Text: Breaching sulphur dioxide emission limits<br>Prosecution Act: Ppc2000 S32(1)(B) & (2)<br>Hearing Date: 8th May 2005<br>Verdict: Guilty<br>Fine: 13500<br>Costs: 2400<br>Positional Accuracy: Manually positioned to the road within the address or location | A18NE (N) | 886 | 1 | 437577 412450 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **River Quality**<br>Name: Barnsley_Canal_(Disused)<br>GQA Grade: Not Supplied<br>Reach: Split_Cudworth_Dyk<br>Estimated Distance (km): 3.1<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | A13SW (W) | 130 | 1 | 437106 411546 |
| | **River Quality**<br>Name: Cudworth_Dyke<br>GQA Grade: River Quality E<br>Reach: Pools_Dyke_Barnsley_Canal_(Dis<br>Estimated Distance (km): 2.7<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | A14SW (SE) | 445 | 1 | 437700 411320 |
| | **River Quality**<br>Name: Cudworth_Dyke<br>GQA Grade: River Quality E<br>Reach: South_Hiendley_Pools_Dyk<br>Estimated Distance (km): 2.7<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | A14SW (SE) | 445 | 1 | 437700 411320 |
| | **River Quality**<br>Name: Barnsley_Canal_(Disused)<br>GQA Grade: River Quality F<br>Reach: Wintersett_Reservoir_Spli<br>Estimated Distance (km): 2.4<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000 | A18NW (N) | 780 | 1 | 437153 412379 |
| 35 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 25th February 2004<br>Incident Reference: 218987<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 4 - No Impact<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Atmospheric Pollutants And Effects: Chemical Odour | A18SE (NE) | 436 | 1 | 437477 412008 |
| 35 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 20th February 2004<br>Incident Reference: 218125<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 4 - No Impact<br>Positional Accuracy: Located by supplier to within 100m<br>Pollutant: Inorganic Chemicals : Other | A18SE (NE) | 438 | 1 | 437500 412000 |
| 36 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 2nd July 2006<br>Incident Reference: 412428<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Atmospheric Pollutants And Effects: Dust | A18SE (NE) | 470 | 1 | 437533 412019 |
| 37 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 10th May 2005<br>Incident Reference: 311149<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Atmospheric Pollutants And Effects: Smoke<br>Pollutant: Specific Waste Materials: Tyres | A9NW (SE) | 752 | 1 | 437770 410940 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 38 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 10th April 2004<br>Incident Reference: 228832<br>Water Impact: Category 3 - Minor Incident<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Atmospheric Pollutants And Effects: Smoke | A19NW (NE) | 801 | 1 | 437671 412321 |
| 39 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 26th November 2004<br>Incident Reference: 279916<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 4 - No Impact<br>Land Impact: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Asbestos Waste | A17SE (NW) | 868 | 1 | 436646 412239 |
| 40 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 6th November 2002<br>Incident Reference: 119074<br>Water Impact: Category 3 - Minor Incident<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Specific Waste Materials: Other Non-Metal Wastes | A9SW (S) | 873 | 1 | 437621 410720 |
| 40 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 8th November 2002<br>Incident Reference: 119716<br>Water Impact: Category 3 - Minor Incident<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Specific Waste Materials: Other Non-Metal Wastes | A9SW (S) | 875 | 1 | 437622 410718 |
| 40 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 20th May 2004<br>Incident Reference: 239091<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 4 - No Impact<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Atmospheric Pollutants And Effects: Smoke | A9SW (SE) | 915 | 1 | 437661 410691 |
| 41 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 15th November 2002<br>Incident Reference: 120977<br>Water Impact: Category 3 - Minor Incident<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Specific Waste Materials: Other Non-Metal Wastes | A9SW (S) | 928 | 1 | 437636 410667 |
| 42 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Incident Date: 26th November 2004<br>Incident Reference: 279878<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 4 - No Impact<br>Land Impact: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Asbestos Waste | A8SW (S) | 971 | 1 | 436967 410613 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 43 | **Water Abstractions**<br>Operator: Monckton Coke & Chemical Company Limited<br>Licence Number: 2/27/08/069<br>Permit Version: Not Supplied<br>Location: Location Description Not Available<br>Authority: Environment Agency, North East Region<br>Abstraction: General Industrial<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 277<br>Yearly Rate (m3): 83192<br>Details: Licence Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A14SW (SE) | 495 | 1 | 437770 411350 |
| 44 | **Water Abstractions**<br>Operator: Burnett & Hallamshire Fuel Limited<br>Licence Number: 2/27/08/100<br>Permit Version: Not Supplied<br>Location: Location Description Not Available<br>Authority: Environment Agency, North East Region<br>Abstraction: General Industrial<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 140<br>Yearly Rate (m3): 35280<br>Details: Licence Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A9SW (SE) | 770 | 1 | 437680 410860 |
| 45 | **Water Abstractions**<br>Operator: Monckton Coke & Chemical Co Ltd<br>Licence Number: 2/27/08/068<br>Permit Version: 102<br>Location: Aire And Calder Navigation (Old) - Barnsley<br>Authority: Environment Agency, North East Region<br>Abstraction: Chemicals: General Use (High Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Monckton Coke & Chemical Company Limited, Lundhill Lane, Royston, Barnsley<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 21st January 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A18NW (N) | 785 | 1 | 437080 412370 |
| 45 | **Water Abstractions**<br>Operator: Monckton Coke & Chemical Co Ltd<br>Licence Number: 2/27/08/068<br>Permit Version: 101<br>Location: Aire And Calder Navigation (Old) - Barnsley<br>Authority: Environment Agency, North East Region<br>Abstraction: Chemicals: General Use (High Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Monckton Coke & Chemical Company Limited, Lundhill Lane, Royston, Barnsley<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 10th October 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A18NW (N) | 785 | 1 | 437080 412370 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 45 | **Water Abstractions**<br>Operator: Monckton Coke & Chemical Company Limited<br>Licence Number: 2/27/08/068<br>Permit Version: 100<br>Location: Aire And Calder Navigation (Old) - Barnsley<br>Authority: Environment Agency, North East Region<br>Abstraction: Chemicals: General Cooling (Existing Licences Only) (High Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): 441<br>Yearly Rate (m3): 132000<br>Details: Monckton Coke & Chemical Company Limited, Lundhill Lane, Royston, Barnsley<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 27th March 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A18NW (N) | 785 | 1 | 437080 412370 |
| 45 | **Water Abstractions**<br>Operator: Monckton Coke & Chemical Company Limited<br>Licence Number: 2/27/08/068<br>Permit Version: 100<br>Location: Aire And Calder Navigation (Old) - Barnsley<br>Authority: Environment Agency, North East Region<br>Abstraction: Chemicals: General Use (High Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Monckton Coke & Chemical Company Limited, Lundhill Lane, Royston, Barnsley<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 27th March 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A18NW (N) | 785 | 1 | 437080 412370 |
| 46 | **Water Abstractions**<br>Operator: Monkton Coke & Chemical Company Limited<br>Licence Number: 2/27/08/093<br>Permit Version: Not Supplied<br>Location: Location Description Not Available<br>Authority: Environment Agency, North East Region<br>Abstraction: Cooling/Gen Ind.<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 1140<br>Yearly Rate (m3): 417000<br>Details: Licence Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A18NE (N) | 800 | 1 | 437400 412400 |
| 47 | **Water Industry Act Referrals**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: P O Box 25, Lund Hill Lane, Royston, BARNSLEY, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: AH3580<br>Dated: 18th December 1992<br>Process Type: Permissions or amendments to discharge under the Water Industry Act 1991<br>Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations<br>**Status: Application received by the EA but is not yet authorisedNot Yet Authorised**<br>Positional Accuracy: Manually positioned to the road within the address or location | A18SE (NE) | 587 | 1 | 437591 412121 |
| | **Groundwater Vulnerability**<br>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<br>Map Sheet: Sheet 11 South Pennines<br>Scale: 1:100,000 | A13NE (SW) | 0 | 1 | 437277 411573 |
| | **Drift Deposits**<br>None | | | | |
| | **Bedrock Aquifer Designations**<br>Aquifer Desination: Secondary Aquifer - A | A13NE (SW) | 0 | 3 | 437277 411573 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Superficial Aquifer Designations**<br>No Data Available | | | | |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>None | | | | |
| | **Flooding from Rivers or Sea without Defences**<br>None | | | | |
| | **Areas Benefiting from Flood Defences**<br>None | | | | |
| | **Flood Water Storage Areas**<br>None | | | | |
| | **Flood Defences**<br>None | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 48 | **BGS Recorded Landfill Sites**<br>Site Name: Poplet Terrace<br>Location: ROYSTON, Yorks<br>Authority: British Geological Survey, National Geoscience Information Service<br>Ground Water: Information not available<br>Surface Water: Information not available<br>Geology: N/A<br>Positional Accuracy: Positioned by the supplier<br>Boundary Accuracy: Derived | A18SW (N) | 338 | 3 | 437168 411931 |
| 49 | **Historical Landfill Sites**<br>Licence Holder: Mr D Heeley<br>Location: Royston, Barnsley<br>Name: Land Off Cross Lane<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04275<br>First Input Date: 31st December 1992<br>Last Input Date: 31st December 1994<br>Specified Waste Type: Deposited Waste included Household Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: Not Supplied | A13NE (NE) | 20 | 1 | 437332 411603 |
| 50 | **Historical Landfill Sites**<br>Licence Holder: Not Supplied<br>Location: Royston<br>Name: Poplar Terrace<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD03781<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: 4400/(72), 4700/0072 | A13NW (N) | 89 | 1 | 437240 411693 |
| 51 | **Historical Landfill Sites**<br>Licence Holder: Burns Construction Limited<br>Location: Royston, Barnsley<br>Name: Land off Midland Road<br>Operator Location: Off Midland Road, Royston, Barnsley<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04274<br>First Input Date: 5th September 1990<br>Last Input Date: 31st December 1997<br>Specified Waste Type: Deposited Waste included Inert and Commercial Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0570<br>*BGS Ref: Not Supplied*<br>Other Ref: 4400/B768, 20B768 | A13NW (N) | 141 | 1 | 437221 411741 |
| 52 | **Historical Landfill Sites**<br>Licence Holder: Burns Construction Limited<br>Location: Royston, Barnsley<br>Name: Business Premises off Midland Road<br>Operator Location: Off Midland Road, Royston, Barnsley<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04915<br>First Input Date: 11th June 1984<br>Last Input Date: 22nd December 1986<br>Specified Waste Type: Deposited Waste included Inert and Commercial Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0494<br>BGS Ref: Not Supplied<br>Other Ref: 4400/B428, 20B428(92), WD20 B428 | A13NW (N) | 141 | 1 | 437221 411741 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 53 | **Historical Landfill Sites**<br>Licence Holder: Barnsley Metropolitan Borough Council or B D R Waste Disposal Limited<br>Location: Near Pools Dyke, Shaw Lane, Carlton<br>Name: Cudworth North Junction<br>Operator Location: Public Services Department, Cleansing Division, Smithies Lane, Barnsley<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04925<br>First Input Date: 31st December 1983<br>Last Input Date: 31st December 1995<br>Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0562<br>BGS Ref: Not Supplied<br>Other Ref: 2B22, 2B1(3), WD20 B1035, WD2C3, 20B1035, WD2 B1, 4400/B22, CD3, 4400/0406, WD2 B22 | A13SE (SE) | 329 | 1 | 437499 411266 |
| 54 | **Historical Landfill Sites**<br>Licence Holder: Royston Urban District Council / Barnsley Metropolitan Borough Council<br>Location: Royston, Barnsley<br>Name: Poplar Terrace<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04273<br>First Input Date: 31st December 1949<br>Last Input Date: 31st December 1980<br>Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste, and Liquid Sludge<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0409<br>BGS Ref: Not Supplied<br>Other Ref: 2B5(6), 4400/B5, WD2 B5 | A18SW (N) | 339 | 1 | 437155 411930 |
| 55 | **Historical Landfill Sites**<br>Licence Holder: Not Supplied<br>Location: Royston, Yorkshire<br>Name: Royston Refuse Tip<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD31730<br>First Input Date: 31st December 1963<br>Last Input Date: Not Supplied<br>Specified Waste Type: Deposited Waste included Commercial Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: 2666<br>Other Ref: Not Supplied | A18SW (NW) | 504 | 1 | 437066 412075 |
| 56 | **Historical Landfill Sites**<br>Licence Holder: E Borad and C White<br>Location: Carlton, Royston, Barnsley<br>Name: Land off Cronkhill Lane<br>Operator Location: 4 Vicarage Lane, Royston, Barnsley, South Yorkshire<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04276<br>First Input Date: 31st March 1986<br>Last Input Date: 12th September 1990<br>Specified Waste Type: Deposited Waste included Inert and Commercial Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0503<br>BGS Ref: Not Supplied<br>Other Ref: WD20 B513, 4400/B513, 20B513(101) | A8NW (SW) | 575 | 1 | 437016 411017 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 57 | **Historical Landfill Sites**<br>Licence Holder: Monckton Coke and Chemicals Limited<br>Location: Cudworth North, Shaw Lane<br>Name: Disused Workings<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD03852<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4700/0161<br>BGS Ref: Not Supplied<br>Other Ref: 4700/0161 | A14NW (E) | 600 | 1 | 437905 411682 |
| 58 | **Historical Landfill Sites**<br>Licence Holder: E Maw and Son<br>Location: Carlton, Royston, Barnsley<br>Name: Land off Cronkhill Lane<br>Operator Location: Stud Farm, Carlton, Barnsley<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04277<br>First Input Date: 8th March 1984<br>Last Input Date: 31st October 1990<br>Specified Waste Type: Deposited Waste included Inert and Commercial Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0491<br>BGS Ref: Not Supplied<br>Other Ref: WD20 B417, 4400/B417, 20B417(89) | A8NW (S) | 636 | 1 | 437156 410912 |
| 59 | **Historical Landfill Sites**<br>Licence Holder: Barnsley Metropolitan Borough Council<br>Location: Royston, Barnsley<br>Name: Warren Walk<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04272<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: 4400/B16 | A12NW (W) | 794 | 1 | 436461 411784 |
| 60 | **Historical Landfill Sites**<br>Licence Holder: E Maw<br>Location: Carlton, Barnsley<br>Name: Land between Royston Lane and Cronkhill Lane<br>Operator Location: Stud Farm, Carlton, Barnsley<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04894<br>First Input Date: 18th February 1985<br>Last Input Date: 20th January 1993<br>Specified Waste Type: Deposited Waste included Inert and Commercial Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0497<br>BGS Ref: Not Supplied<br>Other Ref: WD20 B457, 4400/B457, 20B457(95) | A7NE (SW) | 814 | 1 | 436747 410902 |
| 61 | **Historical Landfill Sites**<br>Licence Holder: Not Supplied<br>Location: Cudworth North, Shaw Lane<br>Name: Disused Workings<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04788<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: 4400/(161) | A14NE (E) | 830 | 1 | 438092 411886 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 62 | **Licensed Waste Management Facilities (Landfill Boundaries)**<br>Name: E J Lidster Construction Limited<br>Licence Number: 60560<br>Location: Land/premises At, Pools Lane, Royston, Barnsley, South Yorkshire, S71 4BW<br>Licence Holder: E J Lidster Construction Ltd<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Household, Commercial And Industrial Waste Landfills<br>Max Input Rate: Not Supplied<br>**Licence Status: Issued**<br>Issued 16th May 1984<br>Positional Accuracy: Positioned by the supplier<br>Boundary Accuracy: As Supplied | A8NE (S) | 561 | 1 | 437288 410975 |
| 63 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 60560<br>Location: Land/premises At, Pools Lane, Royston, Barnsley, South Yorkshire, S71 4BW<br>Operator Name: E J Lidster Construction Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Household, Commercial And Industrial Waste Landfills<br>**Licence Status: Issued**<br>Issued: 16th May 1984<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A8NE (S) | 636 | 1 | 437300 410900 |
| 64 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 60567<br>Location: Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ<br>Operator Name: Roy Thornton Metals Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Metal Recycling Sites (Mixed)<br>***Licence Status: Issued***<br>Issued: 10th June 1992<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A9NW (SE) | 802 | 1 | 437800 410900 |
| 65 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 65188<br>Location: Land/premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ<br>Operator Name: Malcolm Christopher Beckett And Kevin Richard Beckett<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Metal Recycling Sites (Mixed)<br>**Licence Status: Issued**<br>Issued: 17th November 2000<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A8SE (S) | 871 | 1 | 437542 410696 |
| 66 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 60579<br>Location: Land/ Premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ<br>Operator Name: Beckett C K<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Metal Recycling Sites (Mixed)<br>**Licence Status: Issued**<br>Issued: 30th October 1992<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A9SW (SE) | 902 | 1 | 437650 410700 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 66 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 65508<br>Location: Boulder Bridge Lane Site, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ<br>Operator Name: Mr Derek Heeley & Mr Melvin Corbett<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Household, Commercial And Industrial Transfer Stations<br>**Licence Status: Issued**<br>Issued: 26th July 2006<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A9SW (SE) | 929 | 1 | 437682 410684 |
| 67 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 60594<br>Location: Boulder Bridge, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ<br>Operator Name: Ripley, Geoff<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Metal Recycling Sites (Vehicle Dismantlers)<br>**Licence Status: Issued**<br>Issued: 14th September 1992<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A8SE (S) | 940 | 1 | 437608 410644 |
| 67 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 65549<br>Location: Land/premises At, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ<br>Operator Name: Christopher & Kevin Beckett<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Metal Recycling Sites (Mixed)<br>**Licence Status: Issued**<br>Issued: 29th October 2007<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A9SW (S) | 945 | 1 | 437631 410647 |
| 68 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 60578<br>Location: Goodwins Yard, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ<br>Operator Name: Grantscope Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Metal Recycling Sites (Mixed)<br>**Licence Status: Modified**<br>Issued: 1st January 1970<br>Last Modified: 19th January 2006<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A9SW (SE) | 954 | 1 | 437770 410700 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 69 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 60589<br>Location: Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ<br>Operator Name: Beckett Christopher And Kevin<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North East Region, Yorkshire Area<br>Site Category: Metal Recycling Sites (Mixed)<br>**Licence Status: Modified**<br>Issued: 28th April 1992<br>Last Modified: 20th March 2002<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A8SE (S) | 970 | 1 | 437400 410570 |
| | **Local Authority Landfill Coverage**<br>Name: Barnsley Metropolitan Borough Council - Has supplied landfill data | | 0 | 2 | 437277 411573 |
| | **Local Authority Landfill Coverage**<br>Name: Wakefield Metropolitan Borough Council - Has not been able to supply Landfill data | | 767 | 12 | 437379 412369 |
| 70 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 128<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status: Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A13NE (E) | 20 | 2 | 437333 411582 |
| 71 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 3<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status: Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A13SE (SE) | 124 | 2 | 437419 411476 |
| 72 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 92<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status: Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A13NW (N) | 136 | 2 | 437226 411738 |
| 73 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 6<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status: Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A18SW (N) | 339 | 2 | 437166 411931 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 74 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 106<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status: Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A8NE (S) | 550 | 2 | 437344 410987 |
| 75 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 101<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status: Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A8NW (SW) | 581 | 2 | 437014 411011 |
| 76 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 89<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading *Standards*<br>**Last Reported Status: Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A8NW (S) | 630 | 2 | 437135 410923 |
| 77 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 95<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status: Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A7SE (SW) | 836 | 2 | 436738 410881 |
| 78 | **Registered Landfill Sites**<br>Licence Holder: Burns Construction Ltd<br>Licence Reference: WD20 B 768 MOD 2<br>Site Location: Midland Road, Royston, BARNSLEY, South Yorkshire, S71 4DR<br>Licence Easting: 437200<br>Licence Northing: 411800<br>Operator Location: As Site Address<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence has completion certificateSurrendered<br>Dated: 5th September 1990<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Non-Haz. Building/Demolition Wastes<br>Non-Haz. Excav'N Wastes,Soil & Subsoil<br>Prohibited Waste: All Forms Of Asbestos<br>Liquid/Slurry In Drums/Conts > 4 L Cap<br>Paper/Cardboard<br>Plasterboard<br>Plastic<br>Wood | A13NW (N) | 203 | 1 | 437200 411800 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 78 | **Registered Landfill Sites**<br>Licence Holder: Burna Construction Ltd<br>Licence Reference: WD20 B 428<br>Site Location: Midland Road., Royston, BARNSLEY, South Yorkshire, S71 4DR<br>Licence Easting: 437200<br>Licence Northing: 411800<br>Operator Location: As Site Address<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st June 1984<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Construction And Demolition Wastes; Excavated Natural Materials $; Hardcore And Rubble<br>Prohibited Waste: Asbestos; Liquids In Containers Over 4l Cap.; Slurry In Containers Over 4l Cap. | A13NW (N) | 203 | 1 | 437200 411800 |
| 79 | **Registered Landfill Sites**<br>Licence Holder: Barnsley M.B.C.<br>Licence Reference: WD 2 B 5<br>Site Location: Poppleton Avenue, Royston, Barnsley, South Yorkshire<br>Licence Easting: 437100<br>Licence Northing: 412000<br>Operator Location: As Site Address<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Undefined<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st November 1976<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Old Licence - Wastes Not To Hand | A18SW (NW) | 422 | 1 | 437100 412000 |
| 80 | **Registered Landfill Sites**<br>Licence Holder: B.D.R. Waste Disposal Ltd<br>Licence Reference: WD20 B1035<br>Site Location: Cudworth Landfill Site, East Of Pools Dyke, Cudworth, Barnsley, South Yorkshire<br>Licence Easting: 437800<br>Licence Northing: 411300<br>Operator Location: 2 The Embankment, Sovereign Street, LEEDS, West Yorkshire, LS1 4BG<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st August 1993<br>Preceded By Licence: WD 2 B 1<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Untreated Dom/Commercial Waste<br>Prohibited Waste: Waste N.O.S. | A14SW (SE) | 543 | 1 | 437800 411300 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 80 | **Registered Landfill Sites**<br>Licence Holder: Barnsley M.B.C.<br>Licence Reference: WD 2 B 1<br>Site Location: Cudworth North Jct, Shaw Lane, Carlton, Barnsley, South Yorkshire<br>Licence Easting: 437800<br>Licence Northing: 411300<br>Operator Location: Cleansing Div. Smithies La.Depot, Barnsley, South Yorkshire<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Record supersededSuperseded<br>Dated: 1st March 1979<br>Preceded By Licence: Not Given<br>Superseded By Licence: WD20 B1035<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Asbestos<br>Construction And Demolition Wastes<br>Food Processing Wastes/Starch<br>Household + Commercial Waste<br>Ind. Non-Haz. Inert, Non-Flammable<br>Ind. Non-Haz. Potentially Combustible<br>Industrial Effluent Treatment Sludge<br>Medical, Surgical, Veterinary Wastes<br>Metal Scrap<br>Old Cars<br>Other Industrial Wastes<br>Pharmaceutical/Cosmetic Products<br>Scrap Rubber (Including Tyres)<br>Sewage<br>Slag, Boiler/Flue Cleanings<br>Tar, Pitch, Bitumen, Asphalts<br>Vegetable And Other Oils<br>Prohibited Waste: Liquids In Containers Over 4l Cap.<br>Slurry In Containers Over 4l Cap. | A14SW (SE) | 543 | 1 | 437800<br>411300 |
| 81 | **Registered Landfill Sites**<br>Licence Holder: Barnsley M.B.C.<br>Licence Reference: WD 2 B22<br>Site Location: Cudworth North Junction, (West Of Pools Dyke), Carlton, Barnsley, South Yorkshire<br>Licence Easting: 437600<br>Licence Northing: 411000<br>Operator Location: Central Offices, Kendray Street, Barnsley, South Yorkshire<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Undefined<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Record supersededSuperseded<br>Dated: 1st June 1989<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Licenced Wastes Not To Hand | A8NE (SE) | 609 | 1 | 437600<br>411000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **Registered Landfill Sites** | | | | |
| 82 | Licence Holder: E Broad & C White<br>Licence Reference: WD20 B 513<br>Site Location: Cronkhill Lane/Church Hill, Royston, Barnsley, South Yorkshire<br>Licence Easting: 437050<br>Licence Northing: 410900<br>Operator Location: 4 Vicarage Lane, Royston, BARNSLEY, South Yorkshire, S71 4QY<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st March 1986<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Hardcore/Build.Rubble/Concrete/Bricks<br>*Soil/Subsoil*<br>Prohibited Waste: All Forms In Asbestos<br>Liq/Slurry In Drums > 4 L Capacity<br>Liquid/Slurry In Drums > 4 L Capacity | A8NW (S) | 672 | 1 | 437050 410900 |
| | **Registered Landfill Sites** | | | | |
| 83 | Licence Holder: E Maw & Son<br>Licence Reference: WD20 B 417<br>Site Location: Cronkhill Lane, Carlton, Barnsley, South Yorkshire<br>Licence Easting: 437200<br>Licence Northing: 410850<br>Operator Location: Stud Farm, Carlton, BARNSLEY, South Yorkshire, S71 3EY<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st March 1984<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Colliery Shale<br>Excavated Natural Materials $<br>Hardcore And Rubble<br>Prohibited Waste: Asbestos<br>Liquids In Containers Over 4l Cap.<br>Slurry In Containers Over 4l Cap. | A8SW (S) | 693 | 1 | 437200 410850 |
| | **Registered Landfill Sites** | | | | |
| 84 | Licence Holder: E Maw & Son<br>Licence Reference: WD20 B 457 MOD 1<br>Site Location: Royston Lane / Cronkhill Lane, Carlton, Barnsley, South Yorkshire<br>Licence Easting: 436650<br>Licence Northing: 410800<br>Operator Location: Stud Farm, Carlton, BARNSLEY, South Yorkshire, S71 3EY<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st February 1985<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Ash<br>Construction And Demolition Wastes<br>Excavated Natural Materials $<br>Prohibited Waste: Asbestos<br>Liquids In Containers Over 4l Cap.<br>Slurry In Containers Over 4l Cap. | A7SE (SW) | 955 | 1 | 436650 410800 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 85 | **Registered Waste Transfer Sites**<br>Licence Holder: Thornton Skip Hire<br>Licence Reference: WD20 B 310<br>Site Location: Thornton Skip Hire, Shaw Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: As Site Address<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Transfer<br>Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st March 1981<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Commercial Waste<br>Construction And Demolition Wastes<br>Ind. Non-Haz. Waste | A9NW (SE) | 802 | 1 | 437800<br>410900 |
| 86 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: Monckton Coke & Chemical Co Ltd<br>Licence Reference: 815<br>Site Location: Monckton Coke & Chem Ltd, Royston, Barnsley, South Yorkshire<br>Operator Location: As Site Address<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Storage<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source Restrictions: Waste produced/controlled by licence holder<br>Licence Status: Site now IPC authorisedAuthorised<br>Dated: 1st August 1990<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Approximate location provided by supplier<br>Boundary Quality: Not Supplied<br>Authorised Waste: Desulphurisation Of Coke Oven Gas<br>Max.Storage Permitted By Licence<br>Spent Iron Oxide From | A13NE (N) | 94 | 1 | 437300<br>411700 |
| 87 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: Roy Thornton Metals Ltd<br>Licence Reference: WD20 B 624 MOD 1<br>Site Location: Roy Thornton Metals Ltd, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: Willow Lodge, Halifax Road, Hoylandswaine, SHEFFIELD, South Yorkshire, S30 6LT<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st July 1997<br>Preceded By Licence: WD20 B 624<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Ferrous Metal Scrap Max.Stor<br>Max.Waste Permitted By Licence<br>Non-Ferrous Metal Scrap Max.Stor<br>Plastic Ex Cable Strip/Gran. Max.Stor<br>Wiring/Cable Max.Stor<br>Prohibited Waste: Liquid Wastes<br>Waste N.O.S. | A9NW (SE) | 802 | 1 | 437800<br>410900 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 87 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: Roy Thornton Metals Ltd<br>Licence Reference: WD20 B 624<br>Site Location: Roy Thornton Metals Ltd, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: The Old Brickworks, Stonehouse, GLOUCESTER, Gloucestershire, GL10 2LR<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Record supersededSuperseded<br>Dated: 1st June 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: WD20 B 624 MOD 1<br>Positional Accuracy: Approximate location provided by supplier<br>Boundary Quality: Not Supplied<br>Authorised Waste: Ferrous Metal Scrap<br>Max.Storage<br>Non-Ferrous Metal Scrap<br>Scrap Rubber<br>Prohibited Waste: Liquid Wastes | A9NW (SE) | 802 | 1 | 437800 410900 |
| 88 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: R Thornton<br>Licence Reference: WD20 B 646<br>Site Location: R Thornton, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: Willow Lodge, Halifax Road, Hoylandswaine, BARNSLEY, South Yorkshire, S30 6LT<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Record supersededSuperseded<br>Dated: 30th October 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: WD20 B 646 MOD 1<br>Positional Accuracy: Approximate location provided by supplier<br>Boundary Quality: Not Supplied<br>Authorised Waste: Elect.Equip/Transform/Capac. Mstor<br>Ferrous Metal Scrap Mstor<br>Non-Ferrous Metal Scrap Mstor<br>Plastic From Cable Strip/Granul. Mstor<br>Wiring/Cable Mstor<br>Prohibited Waste: Liquid Wastes | A9SW (SE) | 833 | 1 | 437700 410800 |
| 88 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: R Thornton<br>Licence Reference: WD20 B 646 MOD 1<br>Site Location: R Thornton, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: Willow Lodge, Halifax Road, Hoylandswaine, BARNSLEY, South Yorkshire, S30 6LT<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Licence has completion certificateSurrendered<br>Dated: 1st October 1992<br>Preceded By Licence: WD20 B 646<br>Superseded By Licence: Not Given<br>Positional Accuracy: Approximate location provided by supplier<br>Boundary Quality: Not Supplied<br>Authorised Waste: Ferrous Metal Scrap Mstor<br>Non-Ferrous Metal Scrap Mstor<br>Plastic From Cable Strip/Granul. Mstor<br>Wiring/Cable Mstor<br>Prohibited Waste: Liquid Wastes | A9SW (SE) | 833 | 1 | 437700 410800 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 89 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: A H Hardwick<br>Licence Reference: WD20 B 697 MOD 2<br>Site Location: A H Hardwick, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: 40 Engine Lane, Shafton, BARNSLEY, South Yorkshire, S72 8RE<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st March 1997<br>Preceded By Licence: WD20 B 697<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Max.Waste Permitted By Licence<br>Scrap Tyres Mstor<br>Scrap Veh/Bus/Com.Veh. Mstor<br>Prohibited Waste: Liquid Wastes | A8SE (S) | 840 | 1 | 437580 410740 |
| 89 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: A H Hardwick<br>Licence Reference: WD20 B 697<br>Site Location: A H Hardwick, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: 40 Engine Lane, Shafton, BARNSLEY, South Yorkshire, S72 8RE<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Record supersededSuperseded<br>Dated: 1st September 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: WD20 B 697 MOD 2<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Batteries Mstor<br>Scrap Tyres Mstor<br>Scrap Veh/Bus/Com.Veh. Mstor<br>Prohibited Waste: Liquid Wastes | A8SE (S) | 840 | 1 | 437580 410740 |
| 89 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: E Thornton<br>Licence Reference: WD20 B 882<br>Site Location: E Thornton, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: 58 Lytham Avenue, Monk Bretton, BARNSLEY, South Yorkshire, S71 2RQ<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st September 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Approximate location provided by supplier<br>Boundary Quality: Not Supplied<br>Authorised Waste: Ferrous Metal Scrap<br>Max.Storage Of Scrap Metal<br>Max.Storage Of Vehicles<br>Non-Ferrous Metal Scrap<br>Scrap Vehicles/Commercials/Trailers<br>Prohibited Waste: Liquid Wastes | A8SE (S) | 885 | 1 | 437600 410700 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 90 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: M C & K R Beckett T/A C K Beckett<br>Licence Reference: Wd20 B1122<br>Site Location: C K Beckett, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3hj<br>Operator Location: C K Beckett, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3hj<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Undefined<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 17th November 2000<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00)<br>New Licence, Wastes Not To Hand | A9SW (SE) | 902 | 1 | 437650 410700 |
| 90 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: C K Beckett<br>Licence Reference: WD20 B 649 MOD 2<br>Site Location: C K Beckett, Boulder Bridge Lane, Carlton, BARNSLEY, South Yorkshire, S71 3HJ<br>Operator Location: 29 Firth Avenue, Cudworth, BARNSLEY, South Yorkshire, S72 8XA<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st April 1997<br>Preceded By Licence: WD20 B 649<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Ferrous Metal Scrap<br>Max.Waste Permitted By Licence<br>Non-Ferrous Metal Scrap<br>Prohibited Waste: Liquid Wastes<br>Waste N.O.S. | A9SW (SE) | 902 | 1 | 437650 410700 |
| 90 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: Mr Whiting<br>Licence Reference: WD20 B 649<br>Site Location: C K Beckett, Boulder Bridge Lane, Carlton, BARNSLEY, South Yorkshire, S71 3HJ<br>Operator Location: 134 Katrina Grove, Featherstone, PONTEFRACT, West Yorkshire, WF7 5NU<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Record supersededSuperseded<br>Dated: 1st October 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: WD20 B 649 MOD 2<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Batteries Mstor<br>Scrap Tyres Mstor<br>Scrap Veh/Bus/Com.Veh/Trail. Mstor<br>Prohibited Waste: Liquid Wastes | A9SW (SE) | 902 | 1 | 437650 410700 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 90 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: C K Beckett<br>Licence Reference: WD20 B 775 MOD 2<br>Site Location: C K Beckett, Boulder Bridge Lane, Carlton, BARNSLEY, South Yorkshire, S71 3HJ<br>Operator Location: 29 Firth Avenue, Cudworth, BARNSLEY, South Yorkshire, S72 8XA<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st April 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Elect.Switchgear/Motor/Transfom./Cable<br>Ferrous Metal Scrap<br>Fragmentised Televisions<br>Max.Storage<br>Max.Waste Permitted By Licence<br>Non-Ferrous Metal Scrap<br>Scrap Vehicles/Parts Etc<br>Prohibited Waste: Liquid Wastes | A9SW (SE) | 902 | 1 | 437650 410700 |
| 90 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: W Conway & Sons<br>Licence Reference: WD20 B 637 MOD 2<br>Site Location: W Conway & Sons, Shaw Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: 243 The Beeches, Buton Road, Monk Bretton, BARNSLEY, South Yorkshire, S71 2QE<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st April 1997<br>Preceded By Licence: WD20 B 637 MOD 1<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Cars Mstor<br>Ferrous Metal Scrap Mstor<br>Max.Waste Permitted By Licence<br>Non-Ferrous Metal Scrap Mstor<br>Other Commercial Vehicles Mstor<br>Scrap Buses Mstor<br>Scrap Tyres Mstor<br>Trailers Mstor<br>Prohibited Waste: Liquid Wastes | A9SW (SE) | 922 | 1 | 437700 410700 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 90 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: W Conway & Sons<br>Licence Reference: WD20 B 637 MOD 1<br>Site Location: W Conway & Sons, Shaw Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: 243 The Beeches, Buton Road, Monk Bretton, BARNSLEY, South Yorkshire, S71 2QE<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Record supersededSuperseded<br>Dated: 1st September 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: WD20 B 637 MOD 2<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Batteries Mstor; Cars Mstor; Ferrous Metal Scrap Mstor; Max.Waste Permitted By Licence; Non-Ferrous Metal Scrap Mstor; Other Commercial Vehicles Mstor; Scrap Buses Mstor; Scrap Tyres Mstor; Trailers Mstor<br>Prohibited Waste: Liquid Wastes | A9SW (SE) | 922 | 1 | 437700 410700 |
| 91 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: T Goodwin<br>Licence Reference: WD20 B 648 MOD 3<br>Site Location: T Goodwin, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: Goodwins Acre, Wood Lane, Carlton, BARNSLEY, South Yorkshire, S71 3EW<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st February 1990<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Max.Waste Permitted By Licence; Scrap Cars & Commercial Vehicles<br>Prohibited Waste: Liquid Wastes | A9SW (SE) | 954 | 1 | 437770 410700 |
| 92 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: G Ripley<br>Licence Reference: WD20 B 817 MOD 3<br>Site Location: G Ripley, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: 182A Weetshaw Lane, Cudworth, BARNSLEY, South Yorkshire, S72 8BG<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational ? / partially revokedPartially Revoked<br>Dated: 1st September 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Approximate location provided by supplier<br>Boundary Quality: Not Supplied<br>Authorised Waste: Ferrous Metal Scrap; Max.Storage; Max.Waste Permitted By Licence; Non-Ferrous Metal Scrap; Scrap Vehicles/Parts<br>Prohibited Waste: Liquid Wastes | A8SE (S) | 980 | 1 | 437600 410600 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **Registered Waste Treatment or Disposal Sites** | | | | |
| 92 | Licence Holder: Parton & Allen<br>Licence Reference: WD20 B 647<br>Site Location: Parton & Allen, Land Off Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire<br>Operator Location: 97 Darfield Road, Cudworth, BARNSLEY, South Yorkshire, S72 8HG<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Scrapyard<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st September 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Approximate location provided by supplier<br>Boundary Quality: Not Supplied<br>Authorised Waste: Batteries Mstor; Scrap Tyres Mstor; Scrap Veh/Bus/Com.Veh/Trail. Mstor; Waste Oil Mstor<br>Prohibited Waste: Liquid Wastes | A8SE (S) | 985 | 1 | 437600 410595 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 93 | **Notification of Installations Handling Hazardous Substances (NIHHS)**<br>Name: The Monckton Coke & Chemical Co<br>Location: P O Box 25, Royston, BARNSLEY, South Yorkshire, S71 4BE<br>**Status: Active**<br>Positional Accuracy: Manually positioned to the address or location | A18SE (NE) | 598 | 4 | 437545 412155 |
| 94 | **Planning Hazardous Substance Consents**<br>Name: Monckton Coke & Chemical Co<br>Location: Lundhill Lane, Royston, Barnsley, South Yorkshire, S73 0ra<br>Authority: Barnsley Metropolitan Borough Council, Planning Department<br>Application Ref: HSC/93/1<br>Hazardous Substance: Combination of Dangerous Substances<br>Maximum Quantity: 260<br>Application date: 1st January 1993<br>**Decision: Deemed Consent GrantedGranted**<br>Positional Accuracy: Manually positioned to the address or location | A13NE (N) | 145 | 5 | 437324 411749 |
| 95 | **Planning Hazardous Substance Consents**<br>Name: Monckton Coke & Chemical Co<br>Location: Lundhill Lane, Royston, BARNSLEY, South Yorkshire, S71<br>Authority: Wakefield City Metropolitan District Council<br>Application Ref: 92/99/15979/J<br>Hazardous Substance: Unknown at time of report<br>Maximum Quantity: 0<br>Application date: 30th November 1992<br>**Decision: Continuation of consent**<br>Positional Accuracy: Manually positioned to the address or location | A18NE (N) | 835 | 6 | 437491 412420 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS 1:625,000 Solid Geology**<br>Description: Upper Westphalian (including Pennant Measures) | A13NE (SW) | 0 | 3 | 437277 411573 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NE (SW) | 0 | 7 | 437277 411573 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NE (NE) | 0 | 7 | 437279 411577 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (S) | 107 | 7 | 437289 411427 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13NE (NE) | 125 | 7 | 437427 411651 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SW (S) | 176 | 7 | 437229 411366 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (SE) | 203 | 7 | 437503 411471 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13SE (SE) | 206 | 7 | 437507 411474 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (SE) | 211 | 7 | 437510 411468 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NW (W) | 231 | 7 | 437000 411573 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NW (W) | 244 | 7 | 437000 411671 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NE (N) | 266 | 7 | 437378 411862 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SW (SW) | 274 | 7 | 437000 411431 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NW (NW) | 289 | 7 | 437000 411770 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14SW (E) | 303 | 7 | 437614 411564 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SE (N) | 393 | 7 | 437277 412000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A14SW (SE) | 414 | 7 | 437647 411295 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (SE) | 417 | 7 | 437608 411242 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 429 | 7 | 437611 411230 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A12NE (W) | 457 | 7 | 436782 411675 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SW (NW) | 464 | 7 | 437000 412000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8NW (SW) | 484 | 7 | 437000 411128 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A12NE (W) | 524 | 7 | 436711 411657 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8NW (SW) | 526 | 7 | 437000 411080 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8NE (S) | 536 | 7 | 437277 411000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14SW (SE) | 551 | 7 | 437800 411283 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18SE (N) | 594 | 7 | 437520 412161 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8NW (SW) | 597 | 7 | 437000 411000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8NE (SE) | 597 | 7 | 437573 411000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14SW (E) | 605 | 7 | 437912 411476 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 628 | 7 | 437694 411038 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 648 | 7 | 437675 411000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 673 | 7 | 437746 411022 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14NE (E) | 689 | 7 | 438000 411573 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14SE (E) | 690 | 7 | 438000 411510 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14SE (E) | 694 | 7 | 438000 411455 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14NE (E) | 694 | 7 | 437970 411821 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A17SE (NW) | 697 | 7 | 436664 412000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 698 | 7 | 437758 411000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14SE (E) | 703 | 7 | 438000 411397 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SE (S) | 704 | 7 | 437542 410871 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A12NW (NW) | 712 | 7 | 436575 411869 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SW (S) | 714 | 7 | 437072 410850 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SW (S) | 715 | 7 | 437066 410851 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SW (S) | 715 | 7 | 437039 410859 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14NE (E) | 718 | 7 | 438000 411808 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SW (S) | 719 | 7 | 437000 410868 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SW (S) | 721 | 7 | 437000 410866 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14NE (E) | 729 | 7 | 438000 411841 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 765 | 7 | 437856 411000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A7SE (SW) | 772 | 7 | 436852 410881 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 25 - 35 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A17SW (NW) | 775 | 7 | 436570 412000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SW (S) | 780 | 7 | 437168 410766 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SE (NE) | 794 | 7 | 438000 412000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NE (SE) | 808 | 7 | 438045 411199 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SE (NE) | 826 | 7 | 438000 412061 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A18NE (N) | 861 | 7 | 437475 412450 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NE (SE) | 873 | 7 | 438000 411000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NE (SE) | 886 | 7 | 437953 410925 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NW (SE) | 886 | 7 | 437939 410911 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NE (SE) | 889 | 7 | 438000 410974 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 25 - 35 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A17NE (NW) | 890 | 7 | 436910 412428 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NE (SE) | 892 | 7 | 438024 411000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NE (SE) | 894 | 7 | 438032 411008 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19SE (E) | 917 | 7 | 438167 411932 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9SW (SE) | 918 | 7 | 437767 410739 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SW (S) | 923 | 7 | 436984 410658 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9NE (SE) | 927 | 7 | 438067 411000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14NE (E) | 933 | 7 | 438243 411627 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9SW (SE) | 944 | 7 | 437710 410681 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9SW (SE) | 944 | 7 | 437710 410681 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A8SW (S) | 947 | 7 | 437000 410629 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9SW (S) | 951 | 7 | 437632 410641 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A9SW (S) | 988 | 7 | 437633 410602 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19NE (NE) | 989 | 7 | 438005 412310 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A19NE (NE) | 989 | 7 | 438000 412315 |
| 96 | **BGS Recorded Mineral Sites**<br>Site Name: Monckton Main Colliery<br>Location: , Royston, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 13296<br>Type: Underground<br>**Status: Ceased**<br>Operator: Ncb North Yorkshire Area<br>Operator Location: Ncb North Yorkshire Area, Po Box 13, Allerton Bywater, Castleford, West Yorkshire, Wf10 2al<br>Periodic Type: Carboniferous<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | A18SE (N) | 570 | 3 | 437415 412165 |
| 97 | **BGS Recorded Mineral Sites**<br>Site Name: Offley Bank<br>Location: , Royston, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 26011<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Mexborough Rock<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A14NW (NE) | 599 | 3 | 437848 411869 |
| 98 | **BGS Recorded Mineral Sites**<br>Site Name: Royston Drift Mine<br>Location: , Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 188<br>Type: Underground<br>**Status: Ceased**<br>Operator: British Coal - N Yorkshire Area<br>Operator Location: British Coal - N Yorkshire Area, Po Box 13, Allerton Bywater, Castleford, West Yorkshire, Wf10 2al<br>Periodic Type: Carboniferous<br>Geology: Pennine Coal Measures Group<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 100m | A19SW (NE) | 696 | 3 | 437800 412100 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 99 | **BGS Recorded Mineral Sites**<br>Site Name: New Monckton Clay Pit<br>Location: , Royston, Wakefield, West Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 13297<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Ncb North Yorkshire Area<br>Operator Location: Ncb North Yorkshire Area, Po Box 13, Allerton Bywater, Castleford, West Yorkshire, Wf10 2al<br>Periodic Type: Carboniferous<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE) | 855 | 3 | 437650 412390 |
| | **BGS Measured Urban Soil Chemistry**<br>No data available | | | | |
| | **BGS Urban Soil Chemistry Averages**<br>No data available | | | | |
| | **Coal Mining Affected Areas**<br>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. | A13NE (SW) | 0 | 8 | 437277 411573 |
| | **Mining Instability**<br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied | A13NE (SW) | 0 | - | 437277 411573 |
| | **Non Coal Mining Areas of Great Britain**<br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (SW) | 0 | 3 | 437277 411573 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (SW) | 0 | 3 | 437277 411573 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 107 | 3 | 437418 411615 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (SW) | 0 | 3 | 437277 411573 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 34 | 3 | 437350 411591 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 107 | 3 | 437418 411615 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (NE) | 146 | 3 | 437415 411708 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (W) | 230 | 3 | 437002 411564 |
| | **Potential for Ground Dissolution Stability Hazards**<br>No Hazard | | | | |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (SW) | 0 | 3 | 437277 411573 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 175 | 3 | 437192 411770 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (SW) | 0 | 3 | 437277 411573 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 34 | 3 | 437350 411591 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 92 | 3 | 437218 411455 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 107 | 3 | 437418 411615 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (NE) | 146 | 3 | 437415 411708 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (W) | 230 | 3 | 437002 411564 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (SW) | 0 | 3 | 437277 411573 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A13SE (S) | 50 | 3 | 437277 411486 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (E) | 107 | 3 | 437418 411615 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (SW) | 0 | 3 | 437277 411573 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service | A13NE (SW) | 0 | 3 | 437277 411573 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 100 | **Contemporary Trade Directory Entries**<br>Name: Window Cleaning Supplies<br>Location: 1, Cross Lane, Royston, Barnsley, South Yorkshire, S71 4AT<br>Classification: Cleaning Materials & Equipment<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13NW (N) | 71 | - | 437253 411677 |
| 101 | **Contemporary Trade Directory Entries**<br>Name: Darren Fenton Roofing & Guttering<br>Location: 8, The Avenue, Royston, Barnsley, South Yorkshire, S71 4DS<br>Classification: Fascias and Soffits<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A13NW (NW) | 137 | - | 437181 411726 |
| 102 | **Contemporary Trade Directory Entries**<br>Name: Alan Broadhead<br>Location: 16, Godley Street, Royston, Barnsley, South Yorkshire, S71 4DH<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 336 | - | 436913 411702 |
| 103 | **Contemporary Trade Directory Entries**<br>Name: Direct Gas Services<br>Location: 250, Midland Road, Royston, Barnsley, South Yorkshire, S71 4DN<br>Classification: Boilers - Servicing, Replacements & Repairs<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NE (NW) | 343 | - | 436930 411759 |
| 103 | **Contemporary Trade Directory Entries**<br>Name: Co Colours Refinishing<br>Location: 209, Midland Road, Royston, Barnsley, South Yorkshire, S71 4DN<br>Classification: Car Painters & Sprayers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NE (NW) | 359 | - | 436930 411791 |
| 103 | **Contemporary Trade Directory Entries**<br>Name: Buy Concrete Today Ltd<br>Location: 199, Midland Road, Royston, Barnsley, South Yorkshire, S71 4DN<br>Classification: Concrete & Mortar Ready Mixed<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NE (NW) | 372 | - | 436912 411785 |
| 104 | **Contemporary Trade Directory Entries**<br>Name: R Storrs & Son<br>Location: 130, Cross Lane, Royston, Barnsley, South Yorkshire, S71 4AR<br>Classification: Road Haulage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8NW (S) | 349 | - | 437198 411196 |
| 105 | **Contemporary Trade Directory Entries**<br>Name: Advanture<br>Location: 226, Midland Road, Royston, Barnsley, South Yorkshire, S71 4BP<br>Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A12NE (W) | 400 | - | 436858 411735 |
| 106 | **Contemporary Trade Directory Entries**<br>Name: Finishing Touch Industrial & Domestic High Pressure Water Cleaners<br>Location: 43, Poplar Terrace, Royston, Barnsley, South Yorkshire, S71 4DX<br>Classification: Commercial Cleaning Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A13NW (NW) | 402 | - | 436972 411904 |
| 107 | **Contemporary Trade Directory Entries**<br>Name: Ornate Gates<br>Location: 17, West Street, Royston, Barnsley, South Yorkshire, S71 4DG<br>Classification: Wrought Ironwork<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12NE (NW) | 430 | - | 436871 411831 |
| 107 | **Contemporary Trade Directory Entries**<br>Name: West Street Garage<br>Location: West Street, Royston, Barnsley, South Yorkshire, S71 4DG<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned in the proximity of the address | A12NE (NW) | 444 | - | 436856 411832 |
| 107 | **Contemporary Trade Directory Entries**<br>Name: West Street Autos<br>Location: West St, Royston, Barnsley, South Yorkshire, S71 4DG<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A12NE (NW) | 448 | - | 436846 411824 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 107 | **Contemporary Trade Directory Entries**<br>Name: West Street Resprays & Refinishing<br>Location: West St, Royston, Barnsley, South Yorkshire, S71 4DG<br>Classification: Car Painters & Sprayers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A12NE (NW) | 462 | - | 436836 411834 |
| 108 | **Contemporary Trade Directory Entries**<br>Name: K T S Uk<br>Location: Midland Rd, Royston, Barnsley, South Yorkshire, S71 4BY<br>Classification: Engineering Machine Services<br>**Status: Active**<br>Positional Accuracy: Manually positioned to the road within the address or location | A12NE (W) | 479 | - | 436777 411744 |
| 109 | **Contemporary Trade Directory Entries**<br>Name: Naylors Timber Recovery Ltd<br>Location: Royston Drift Mine, Lund Hill Lane, Royston, Barnsley, South Yorkshire, S71 4BD<br>Classification: Pallets, Crates & Packing Cases<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE) | 484 | - | 437652 411948 |
| 110 | **Fuel Station Entries**<br>Name: Brobot Royston<br>Location: Royston Lane, Royston, Barnsley, South Yorkshire, S71 4NJ<br>Brand: Jet<br>Premises Type: Petrol Station<br>**Status: Open**<br>Positional Accuracy: Manually positioned to the address or location | A7NW (SW) | 876 | - | 436505 411083 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 111 | **Areas of Adopted Green Belt**<br>Authority: Barnsley Metropolitan Borough Council, Planning Department<br>Plan Name: Barnsley Unitary Development Plan<br>**Status:** **Adopted**<br>Plan Date: 31st December 2000 | A13NE (E) | 64 | 5 | 437377 411579 |
| 112 | **Areas of Adopted Green Belt**<br>Authority: Wakefield City Metropolitan District Council<br>Plan Name: Wakefield Metropolitan District Unitary Development Plan First Alteration<br>**Status:** **Adopted**<br>Plan Date: 17th January 2003 | A18NE (N) | 768 | 9 | 437375 412370 |
| 113 | **Nitrate Vulnerable Zones**<br>Name: Not Supplied<br>Description: NVZ Area<br>Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | A13NE (SW) | 0 | 11 | 437277 411573 |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Contaminated Land Register Entries and Notices** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | July 2011 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | September 2011 | Annual Rolling Update |
| **Discharge Consents** | | |
| Environment Agency - North East Region | April 2012 | Quarterly |
| **Enforcement and Prohibition Notices** | | |
| Environment Agency - North East Region | June 2012 | Quarterly |
| **Integrated Pollution Controls** | | |
| Environment Agency - North East Region | October 2008 | Not Applicable |
| **Integrated Pollution Prevention And Control** | | |
| Environment Agency - North East Region | April 2012 | Quarterly |
| **Local Authority Integrated Pollution Prevention And Control** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | December 2011 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | October 2011 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Controls** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | December 2011 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | October 2011 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Control Enforcements** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | December 2011 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | October 2011 | Annual Rolling Update |
| **Nearest Surface Water Feature** | | |
| Ordnance Survey | December 2011 | 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 | June 2012 | Monthly |
| **Prosecutions Relating to Controlled Waters** | | |
| Environment Agency - North East Region | June 2012 | Monthly |
| **Registered Radioactive Substances** | | |
| Environment Agency - North East Region | April 2012 | Quarterly |
| **River Quality** | | |
| Environment Agency - Head Office | November 2001 | Not Applicable |
| **River Quality Biology Sampling Points** | | |
| Environment Agency - Head Office | January 2011 | Annually |
| **River Quality Chemistry Sampling Points** | | |
| Environment Agency - Head Office | January 2011 | Annually |
| **Substantiated Pollution Incident Register** | | |
| Environment Agency - North East Region - Ridings Area | April 2012 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | April 2012 | Quarterly |
| **Water Abstractions** | | |
| Environment Agency - North East Region | April 2012 | Quarterly |
| **Water Industry Act Referrals** | | |
| Environment Agency - North East Region | April 2012 | Quarterly |
| **Groundwater Vulnerability** | | |
| Environment Agency - Head Office | January 2011 | Not Applicable |
| **Drift Deposits** | | |
| Environment Agency - Head Office | January 1999 | Not Applicable |
| **Bedrock Aquifer Designations** | | |
| British Geological Survey - National Geoscience Information Service | September 2011 | Annually |
| **Superficial Aquifer Designations** | | |
| British Geological Survey - National Geoscience Information Service | September 2011 | Annually |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Source Protection Zones** | | |
| Environment Agency - Head Office | April 2012 | Quarterly |
| **Extreme Flooding from Rivers or Sea without Defences** | | |
| Environment Agency - Head Office | May 2012 | Quarterly |
| **Flooding from Rivers or Sea without Defences** | | |
| Environment Agency - Head Office | May 2012 | Quarterly |
| **Areas Benefiting from Flood Defences** | | |
| Environment Agency - Head Office | May 2012 | Quarterly |
| **Flood Water Storage Areas** | | |
| Environment Agency - Head Office | May 2012 | Quarterly |
| **Flood Defences** | | |
| Environment Agency - Head Office | May 2012 | 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 | January 2012 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | January 2012 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - North East Region | October 2008 | Not Applicable |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency - North East Region - Ridings Area | April 2012 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | April 2012 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Environment Agency - North East Region - Ridings Area | April 2012 | Quarterly |
| Environment Agency - North East Region - Yorkshire Area | April 2012 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | May 2000 | Not Applicable |
| Wakefield City Metropolitan District Council - Environmental Health | May 2000 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | May 2000 | Not Applicable |
| Wakefield City Metropolitan District Council - Environmental Health | May 2000 | 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 | May 2012 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | June 2012 | Bi-Annually |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | November 2000 | Not Applicable |
| **Planning Hazardous Substance Enforcements** | | |
| Wakefield City Metropolitan District Council | February 2012 | Annual Rolling Update |
| Barnsley Metropolitan Borough Council - Planning Department | October 2011 | Annual Rolling Update |
| **Planning Hazardous Substance Consents** | | |
| Wakefield City Metropolitan District Council | February 2012 | Annual Rolling Update |
| Barnsley Metropolitan Borough Council - Planning Department | October 2011 | Annual Rolling Update |
| **Geological** | **Version** | **Update Cycle** |
| **BGS 1:625,000 Solid Geology** | | |
| British Geological Survey - National Geoscience Information Service | August 1996 | Not Applicable |
| **BGS Estimated Soil Chemistry** | | |
| British Geological Survey - National Geoscience Information Service | January 2010 | Variable |
| **BGS Recorded Mineral Sites** | | |
| British Geological Survey - National Geoscience Information Service | April 2012 | Bi-Annually |
| **Brine Compensation Area** | | |
| Cheshire Brine Subsidence Compensation Board | August 2011 | Not Applicable |
| **Coal Mining Affected Areas** | | |
| The Coal Authority - Mining Report Service | August 2011 | As notified |
| **Mining Instability** | | |
| Ove Arup & Partners | October 2000 | Not Applicable |
| **Non Coal Mining Areas of Great Britain** | | |
| British Geological Survey - National Geoscience Information Service | February 2011 | Not Applicable |
| **Potential for Collapsible Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually |
| **Potential for Compressible Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually |
| **Potential for Ground Dissolution Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually |
| **Potential for Landslide Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually |
| **Potential for Running Sand Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards** | | |
| British Geological Survey - National Geoscience Information Service | February 2011 | Annually |
| **Radon Potential - Radon Affected Areas** | | |
| British Geological Survey - National Geoscience Information Service | July 2011 | As notified |
| **Radon Potential - Radon Protection Measures** | | |
| British Geological Survey - National Geoscience Information Service | July 2011 | As notified |
| **Industrial Land Use** | **Version** | **Update Cycle** |
| **Contemporary Trade Directory Entries** | | |
| Thomson Directories | May 2012 | Quarterly |
| **Fuel Station Entries** | | |
| Catalist Ltd - Experian | February 2012 | Quarterly |

| Sensitive Land Use | Version | Update Cycle |
|---|---|---|
| **Areas of Adopted Green Belt** | | |
| Barnsley Metropolitan Borough Council - Planning Department | April 2012 | As notified |
| Wakefield City Metropolitan District Council | April 2012 | As notified |
| **Areas of Unadopted Green Belt** | | |
| Barnsley Metropolitan Borough Council - Planning Department | April 2012 | As notified |
| Wakefield City Metropolitan District Council | April 2012 | As notified |
| **Areas of Outstanding Natural Beauty** | | |
| Natural England | February 2012 | Bi-Annually |
| **Environmentally Sensitive Areas** | | |
| Natural England | February 2012 | Annually |
| **Forest Parks** | | |
| Forestry Commission | April 1997 | Not Applicable |
| **Local Nature Reserves** | | |
| Natural England | February 2012 | Bi-Annually |
| **Marine Nature Reserves** | | |
| Natural England | February 2012 | Bi-Annually |
| **National Nature Reserves** | | |
| Natural England | February 2012 | Bi-Annually |
| **National Parks** | | |
| Natural England | February 2012 | Bi-Annually |
| **Nitrate Sensitive Areas** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Not Applicable |
| **Nitrate Vulnerable Zones** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2012 | Annually |
| **Ramsar Sites** | | |
| Natural England | February 2012 | Bi-Annually |
| **Sites of Special Scientific Interest** | | |
| Natural England | February 2012 | Bi-Annually |
| **Special Areas of Conservation** | | |
| Natural England | February 2012 | Bi-Annually |
| **Special Protection Areas** | | |
| Natural England | February 2012 | Bi-Annually |

# Envirocheck®

## Data Suppliers

A selection of organisations who provide data within this report

| Data Supplier | Data Supplier Logo |
|---|---|
| Ordnance Survey | Ordnance Survey® Licensed Partner |
| Environment Agency | Environment Agency |
| Scottish Environment Protection Agency | SEPA Scottish Environment Protection Agency |
| The Coal Authority | THE COAL AUTHORITY |
| British Geological Survey | British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL |
| Centre for Ecology and Hydrology | CEH Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL |
| Countryside Council for Wales | CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES |
| Scottish Natural Heritage | SCOTTISH NATURAL HERITAGE |
| Natural England | NATURAL ENGLAND |
| Health Protection Agency | Health Protection Agency |
| Ove Arup | ARUP |
| Peter Brett Associates | pba peterbrett |

# Useful Contacts

| Contact | Name and Address | Contact Details |
|---|---|---|
| 1 | **Environment Agency - National Customer Contact Centre (NCCC)**<br>PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk |
| 2 | **Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards**<br>Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN | Telephone: 01226 770770<br>Fax: 01226 772599<br>Website: www.barnsley.gov.uk |
| 3 | **British Geological Survey - Enquiry Service**<br>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk |
| 4 | **Health and Safety Executive**<br>Explosives Inspectorate, 1.2 Redgrave Court, Merton Road, Bootle, L20 7HS | Telephone: 0151 951 3092<br>Fax: 0151 951 3891<br>Email: victoria.holloway@hse.gsi.go.uk<br>Website: www.hse.gov.uk |
| 5 | **Barnsley Metropolitan Borough Council - Planning Department**<br>Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN | Telephone: 01226 770770<br>Fax: 01226 772599<br>Website: www.barnsley.gov.uk |
| 6 | **Wakefield City Metropolitan District Council**<br>Newton Bar, Wakefield, West Yorkshire, WF1 2TX | Telephone: 01924 306090<br>Fax: 01924 378532<br>Website: www.wakefield.gov.uk |
| 7 | **Landmark Information Group Limited**<br>5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY | Telephone: 01392 441761<br>Fax: 01392 441709<br>Email: cssupport@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |
| 8 | **The Coal Authority - Mining Report Service**<br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG | Telephone: 0845 7626848<br>Email: thecoalauthority@coal.gov.uk |
| 9 | **Wakefield City Metropolitan District Council**<br>Newton Bar, Wakefield, West Yorkshire, WF1 2TX | Telephone: 01924 306090<br>Fax: 01924 378532<br>Website: www.wakefield.gov.uk |
| 10 | **Natural England**<br>Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA | Telephone: 0845 600 3078<br>Fax: 01733 455103<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk |
| 11 | **Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)**<br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879 |
| 12 | **Wakefield City Metropolitan District Council - Environmental Health**<br>Newton Bar, Wakefield, West Yorkshire, WF1 2TX | Telephone: 01924 306090<br>Website: www.wakefield.gov.uk |
| - | **Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards**<br>Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@hpa.org.uk<br>Website: www.hpa.org.uk |
| - | **Landmark Information Group Limited**<br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

# Appendix D: Coal Mining Report

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The
COAL
AUTHORITY

Issued by:
The Coal Authority, Property Search Services, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire, NG18 4RG
Website: www.groundstability.com Phone: 0845 762 6848 DX 716176 MANSFIELD 5

LANDMARK INFORMATION GROUP
LIMITED
SOWTON INDUSTRIAL ESTATE
ABBEY COURT
UNIT 5/7 EAGLE WAY
EXETER
DEVON
EX2 7HY

| | |
|---|---|
| Our reference: | 51000108299001 |
| Your reference: | 40054532 |
| Date of your enquiry: | 05 July 2012 |
| Date we received your enquiry: | 05 July 2012 |
| Date of issue: | 09 July 2012 |

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

## Non-Residential Coal Authority Mining Report

## SITE AT: 26 CROSS LANE, ROYSTON, BARNSLEY, SOUTH YORKSHIRE,

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

| | |
|---|---|
| Coal mining | See comments below |
| Brine Compensation District | No |

### *Information from the Coal Authority*

**Underground coal mining**

**Past**

The property is in the likely zone of influence from workings in 3 seams of coal at 270m to 410m depth, and last worked in 1960.

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

**Present**

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

**Future**

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

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

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

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

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

### *Mine entries*

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

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## Coal mining geology

The Authority is not aware of any evidence of damage arising due to geological faults or other lines of weakness that have been affected by coal mining.

## Opencast coal mining

### Past

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

### Present

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

### Future

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

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

## Coal mining subsidence

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

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

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

## Mine gas

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

## Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

## Withdrawal of support

The property is not in an area for which a notice of entitlement to withdraw support has been published.

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

## Working facilities orders

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

## Payments to owners of former copyhold land

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

***Information from the Cheshire Brine Subsidence Compensation Board***

The property lies outside the Cheshire Brine Compensation District.

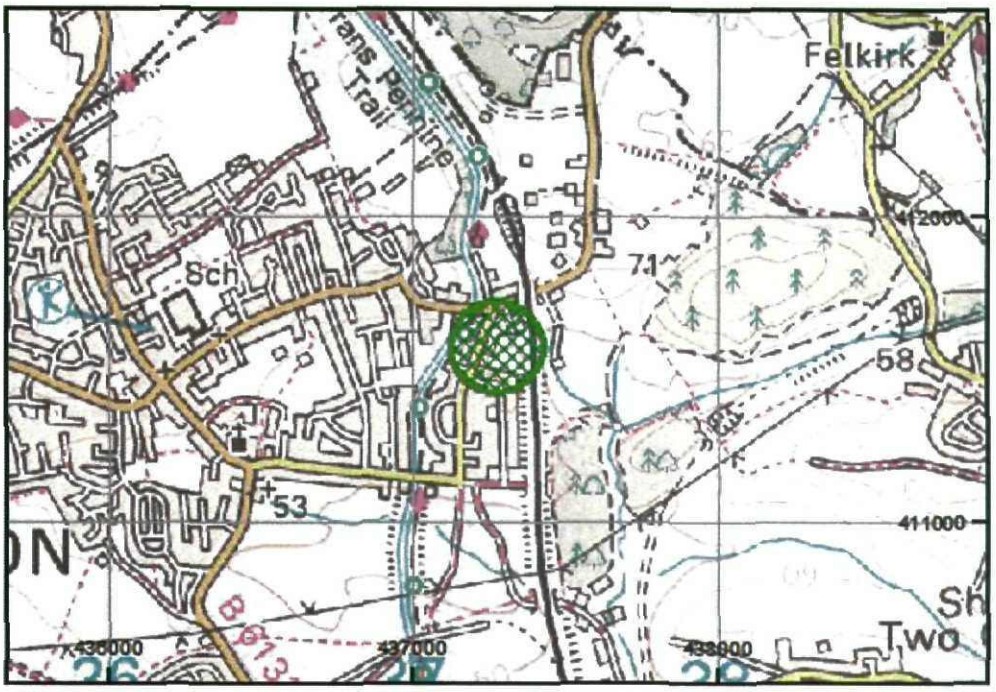
***Additional Remarks***

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

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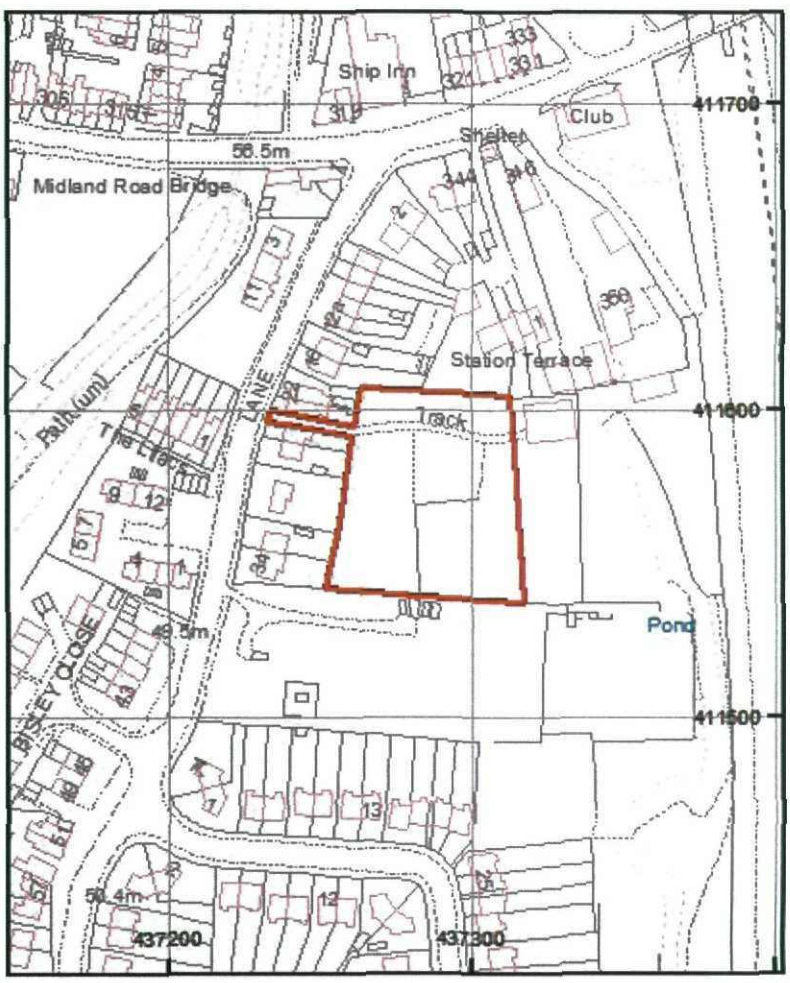
## Location map

Approximate position of property




## Enquiry boundary

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## Key

Approximate position of enquiry boundary shown

Mapping sourced from Ordnance Survey