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## **PHASE 1: DESK TOP STUDY REPORT**

### **BARNSELEY MBC**

### **RABBIT INGS COUNTRY PARK VISITORS CENTRE**

### **LUND HILL LANE**

### **ROYSTON**

### **BARNSELEY**

### **S71 4BB**

Project No: 24-562

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Dated: 21/08/2024

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Date: 21/08/2024

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

## CONTENTS

<b>1.0 INTRODUCTION</b>	<b>Page 3</b>
<b>2.0 PHYSICAL SETTING</b>	<b>Page 3</b>
2.1 – Site Details	Page 3
<b>3.0 ENVIRONMENTAL SETTING</b>	<b>Page 4</b>
3.1 – Site Geology	Page 4
3.2 – Coal Mining Risk Assessment	Page 4
3.3 – Potential Geological Hazards	Page 5
3.4 – Site Hydrogeology	Page 5
3.5 – Site Hydrology	Page 6
3.6 – Radon Assessment	Page 6
3.7 – Site Ecology	Page 7
3.8 – Estimated Soil Chemistry	Page 7
<b>4.0 INDUSTRIAL SETTING</b>	<b>Page 8</b>
4.1 – Site History	Page 8
4.2 – UXO Risk	Page 9
4.3 – Landfill & Waste	Page 9
4.4 – Statutory Requirements / Authorisations	Page 10
4.5 – Pollution Incidents and Discharge Consents	Page 11
<b>5.0 CONCEPTUAL SITE MODEL (CSM)</b>	<b>Page 11</b>
5.1 – Geotechnical Considerations	Page 12
5.2 – Sources of Contamination and Probable Contaminants	Page 12
<b>6.0 RECOMMENDATIONS FOR PHASE 2: GROUND INVESTIGATION WORKS</b>	<b>Page 13</b>
Appendix I	Location Plan, Aerial Photograph, Existing Site Layout Plan, Utility Survey & Proposed Development Layout Plan
Appendix II	Archive BGS Borehole Record, Coal Authority Consultants Coal Minig Report
Appendix III	Landmark Information Group – Envirocheck Report.
Appendix IV	Zetica UXO Risk Report.
Appendix V	Conceptual Site Model (CSM).

## 1.0 Introduction

August 2024

Arc Environmental Limited were instructed by Barnsley MBC to undertake a Phase 1: Desk Top Study (DTS) Report for the visitor's centre facility at Rabbit Ings Country Park, Lund Hill Lane, Royston, Barnsley, S71 4BB, where proposals have been made for the construction of a new visitor's centre.

The primary objectives of this report are to assess the geological, geotechnical, and potential ground contamination conditions on and beneath the surface of this site. The report has been carried out generally in accordance with the EA (Environment Agency) guidance for Land Contamination Risk Management (LCRM: October 2020). Based on all the data reviewed, a preliminary Conceptual Site Model (CSM) has been developed to define the scope and extent of any further investigation works deemed necessary, prior to commencing with any future development works.

A site reconnaissance (walkover) survey was completed as part of this study with site photographs included within Appendix I, and all relevant observations noted in Section 2.1 below.

## 2.0 Physical Setting

### 2.1 Site Details: -

Table 2.1

<b>Site Address:</b>	Rabbit Ings Country Park Visitors Centre, Lund Hill Lane, Royston, Barnsley, S71 4BB.
<b>National Grid Reference:</b>	437600, 411740 (representative of the central part of the site).
<b>Description of Location:</b>	The site is located within the Rabbit Ings Country Park within the western portion of the bituminous surfaced visitors centre car park. The visitor centre is located to the east of the site. The site is encompassed by undeveloped rural land, with Rabbit Ings Country Park located to the east and south-east of the site. Current site access is gained off Lund Hill Lane to the west of the site.
<b>Site Boundaries:</b>	N = car parking immediately to the north with undeveloped land beyond, E = access roads and Rabbit Ings Country Park, S = access road and grassland & W = car parking area and Lund Hill Lane.
<b>Site Shape:</b>	The development plot is rectangular in layout.
<b>General Topography:</b>	The ground profile is generally flat within the site area (at a recorded level of c.59.00mAOD). A detailed topographical survey of the site has not been provided at this stage.
<b>Site Surfacing:</b>	Bituminous surfacing.
<b>Above Ground Structures:</b>	None.
<b>Sub-surface Structures &amp; Services:</b>	A utility survey undertaken by 1st Horizon Surveying and Engineering Ltd shows electric cables, surface water drains, water main, foul water main and a gas line predominately running around the south, west and north of the existing visitors' centre. Four manhole covers and four inspection covers have been identified on site.
<b>Summary of Site History:</b>	From the historical records reviewed since c.1854, the site predominantly consisted of undeveloped fields until c.1962 when an access road was constructed within the northeast corner of the site. Currently the site comprises a car parking area with an adjacent visitors' centre to the east. Adjacent salient historical features include mining and quarrying works, areas of industrial activity, railway lines and residential developments.

## **3.0 Environmental Setting**

### **3.1 Site Geology: -**

The geological and mining assessment for this site has been based on geological maps published by the British Geological Survey (BGS). The following documents have been reviewed as part of this study: -

- Online BGS Geology of Britain Viewer.
- Online CA Interactive Map Viewer.
- Nearby BGS Borehole SE31SE12.
- Envirocheck Report (Ref. 354740027\_1\_1).
- BGS Geological Sheet, SE31SE, 1:10,000 Series, Solid Edition

#### **3.1.1 Made Ground: -**

According to published BGS data, the site is not recorded to be underlain by significant thicknesses of made ground, however, made ground is anticipated, associated with previous on site and adjacent developmental interactions.

Significant made ground is recorded c.100m to the north and south of the site associated with historical quarrying in the area.

If present, made ground deposits are anticipated to comprise a mixture of disturbed natural strata (clays, etc.) and anthropogenic debris (construction waste / demolition rubble etc.).

#### **3.1.2 Superficial Deposits: -**

Published BGS maps indicate that the site is not underlain by superficial deposits. However, alluvium is recorded c.150m south of the site and therefore may be present on site.

#### **3.1.3 Solid Geology: -**

From published geological plans, the site is underlain by the Pennine Middle Coal Measures Formation (of Duckmantian Substage (CB) to Bolsovian Substage (CC)). These deposits commonly comprise interbedded grey mudstone, siltstone, pale grey sandstone and commonly coal seams.

BGS borehole (SE31SE12) records pale grey sandstone from surface to a depth of c.19.84m.

The published geological information indicates a number of faults within 1km of the site, the closest being c.200m south-west of the site.

### **3.2 Coal Mining Assessment: -**

Geological maps published by the BGS (SE13NE), record this site as being underlain by the Pennine Lower Coal Measures Formation. The shallowest coal seam is the Royston Coal which is anticipated to be <17.00m deep and ~0.80m thick. The next shallowest coal seam is the Charlston Top coal seam which is anticipated to be >27.00m deep and ~1.00m thick.

In accordance with the Coal Authority Online Interactive Map Viewer the site lies within a 'Coal Mining Reporting Area', defined 'Development High Risk Area', an area of 'Probable Shallow Coal Mine Workings' and an 'Area of Probable Workings'. There are no shafts or adits within close proximity to the site.

### **3.0 Environmental Setting (Cont'd)**

#### **3.2 Coal Mining Assessment (Cont'd): -**

To assist with the risk assessment, a Coal Authority Consultants Coal Mining Report (Ref. 51003442472001) was obtained for this site, a copy is attached in Appendix II.

The Coal Authority Consultants Coal Mining Report indicates that there are probable unrecorded shallow workings and past underground mining. The shallowest recorded worked coal seam is the Kent Thick coal seam, south of the site, recorded at a depth of c.292m with an extraction thickness of c.84.00cm. The Low Barnsley coal seam has been mined beneath the site at depth of c.386m and an extraction thickness of c.161m. All recorded worked coals seams are at a depth greater than c.100m, therefore do not pose a risk to the site.

The Coal Authority Consultants Coal Mining Report indicates that there are no spine roads recorded at shallow depths, mine entries within c.100m, remediated sites, coal mining subsidence or mine gas emissions within c.500m of the site boundary. There are no recorded gas incidents that required investigation and remediation by the Coal Authority to mitigate the effects of the mine gas emissions.

The Royston Coal Seam is recorded to subcrop c.16.00m to the south of the site and dipping below the site . Therefore, if this seam has been worked it could pose a risk to the future development.

When considering the above, in the context of the development proposal, further investigation to determine the exact depths and potential workings within the Royston and Sharlston Top coal seams below the site is required.

The site does not lie within the Cheshire Brine Subsidence Compensation District, therefore the risk to subsidence due to brine extraction is considered negligible.

#### **3.3 Potential Geological Hazards: -**

**Table 3.1**

<b>POTENTIAL GEOLOGICAL HAZARDS:</b>	<b>Comments</b>
<b>Land Slip:</b>	Low hazard
<b>Shrinkable (or Swelling) Soils:</b>	Very low hazard
<b>Collapsible Soils:</b>	Very low hazard
<b>Compressible Soils:</b>	No hazard
<b>Running Sand:</b>	No hazard
<b>Dissolution:</b>	No hazard

#### **3.4 Site Hydrogeology: -**

**Table 3.2**

<b>STRATA</b>	<b>Aquifer / Soil Leachability EA Classification</b>	<b>Comments</b>
<b>Groundwater Vulnerability:</b>	Secondary Bedrock Aquifer – High Vulnerability (combined)	High vulnerability (combined) – productive bedrock aquifer, no superficial aquifer. High pollutant speed (<300mm / year).
<b>Superficial Geology:</b>	No superficial aquifer on site.	~

### 3.0 Environmental Setting (Cont'd)

#### 3.4 Site Hydrogeology (Cont'd): -

**Table 3.2 (Cont'd)**

<b>STRATA</b>	<b>Aquifer / Soil Leachability EA Classification</b>	<b>Comments</b>
<b>Solid Geology: (Pennine Lower Coal Measures Formation)</b>	Secondary A Aquifer	Comprises of permeable layers that can support local water supplies and may form an important source of base flow to rivers.

- There are no Source Protection Zones (SPZ) beneath the site or within c.1km of the site boundary.
- There is one Water Abstractions recorded within c.500m of the site boundary, EC ref. 33 Monckton Coke and Chemical Company Ltd located c.410m south-east of the site with the licence 'revoked'.

#### 3.5 Site Hydrology: -

**Table 3.3**

<b>SURFACE WATER FEATURE</b>	<b>Location</b>	<b>Comments</b>
<b>OS Water Network &amp; GQA Classified River</b>	Thirty-two recorded within c.250m.	There are thirty-two OS Water Networks recorded within c.250m of the site, the closes being Sandybridge Dyke, c.9.00m east of the site.
<b>Unclassified Watercourse(s), Canals, Ponds &amp; Lakes</b>	None recorded within c.250m.	~
<b>Flooding from River or Sea: (Fluvial)</b>	The published EA data shows the site is at very low risk from pluvial flooding.	The site predominately lies within a very low risk area of fluvial flooding (with a chance of flooding of between <0.1% each year). The EA classifies the site within a Flood Zone 1, with a very low risk rating (<0.1% annual chance taking account the effect of flood defences) from fluvial flooding.
<b>Surface Water Flooding: (Pluvial)</b>	The published EA data shows the site is at very low risk from pluvial flooding.	The EA considers the site to be at very low risk from pluvial flooding (with an annual chance of flooding of between c.<0.1%). Appropriate surface water management should be adopted for the future management of positively drained surface water within any proposed areas of development.
<b>Groundwater Flooding at Surface (BGS):</b>	The site is not within an area of with potential for groundwater flooding to occur.	Information obtained from Landmark, including published maps indicating there is no potential for groundwater flooding to occur, proposed by the British Geological Survey (BGS). This information is based on areas which may be potentially influenced by geological factors.
<b>RAINFALL</b>	<b>Measurements (mm)</b>	<b>Comments</b>
<b>Annual:</b>	831.55	Based on 'station average' records from Sheffield Cdl, dated from 1991-2020.
<b>Rainfall: Min (May)</b>	54.50	
<b>Rainfall: Max (Dec)</b>	86.86	

#### 3.6 Radon Assessment: -

According to the Envirocheck Report, the site is recorded to lie in lower probability radon area, as less than 1% of homes are above the action level. In accordance with the BGS, National Geoscience Information Service and their assessment suggests that no radon protection measures are necessary for the site in the construction of new dwellings or extensions.

### **3.0 Environmental Setting (Cont'd)**

#### **3.6 Radon Assessment (Cont'd): -**

The BRE Digest, BR211 (2015) Radon: Guidance on protective measures for new buildings, indicates the site is situated within a lightly shaded grid square (1km), indicating basic radon protective measures are required for the site.

With reference to BGS / UK Radon mapping (dated December 2022), the site falls within an area where some parts are within bands of elevated radon potential of 3-5%. Therefore, it is felt that a site-specific radon report should be procured before any works are undertaken.

#### **3.7 Site Ecology: -**

**Table 3.4**

<b>FEATURES</b>	<b>Location</b>	<b>Comments</b>
<b>Local Nature Reserves:</b>	None recorded within c.250m.	~
<b>Areas of Adopted Green Belt:</b>	One recorded on site.	There is one Area of Adopted Green Belt located on site associated with Barnsley Metropolitan Borough Council, Planning department EC ref. 315.
<b>Special Protection Areas:</b>	None recorded within c.250m.	~
<b>Nitrate Vulnerable Zone:</b>	One recorded on site.	There is one Nitrate Vulnerable Zone recorded on site, associated with the River Deame, EC ref. 317.
<b>Site of Special Scientific Interest:</b>	One recorded within c.250m.	There a Site of Special Scientific Interest recorded c.149m south-west of the site, Deame Valley Wetlands, EC ref. 318.
<b>Area of Ancient Woodland</b>	None recorded within c.250m.	~

There was no visual evidence to suggest that the site is affected by the presence of invasive weed species such as Japanese Knotweed, Giant Hogweed or Himalayan Balsam, at the time of the recent site survey. Site awareness during future investigation works and during the construction phase for any potential invasive weed species would be considered prudent.

#### **3.8 Estimated Soil Chemistry: -**

Data provided by the BGS in relation to estimated soil chemistry for a number of key metals and metalloid elements are summarised in Table 3.5 below. Note; the references to the anticipated background concentrations of contaminants, sourced from the BGS, should not be relied upon. They are not site-specific and do not represent the condition of the ground at the proposed development site.

**Table 3.5**

<b>Element</b>	<b>Soil Sample Type</b>	<b>Estimated Soil Concentrations (mg/kg)</b>
<b>Arsenic</b>	Rural Soil	15-25
<b>Cadmium</b>	Rural Soil	<1.8
<b>Chromium (total)</b>	Rural Soil	60-90
<b>Lead</b>	Rural Soil	<100
<b>Nickel</b>	Rural Soil	15-30

## 4.0 Industrial Setting

### 4.1 Site History: -

Copies of old survey plans covering this site and adjacent land are included in Appendix III, and a summary of the site history based on these plans is provided below.

**Table 4.1**

Significant features / potential contamination sources highlighted in **bold**.

<b>Date</b>	<b>Site</b>	<b>Adjacent Areas</b>
c.1854	The site comprises <b>undeveloped fields</b> .	The site is predominantly surrounded by undeveloped fields. <b>Lund Hill Lane</b> is located c.100m northwest of the site. An <b>old quarry</b> is present c.125m north of the site. <b>Monckton Main Colliery Branch railway line</b> is located c.125m east of the site running north to south. An <b>Old Quarry</b> is located c.300m northeast of the site. <b>Midland railway line</b> is running north to south c.200m west of the site. <b>Barnsley Canal</b> is mapped c.300m west of the site. An orchard is located c.500m west of the site. <b>Sandybridge Dike</b> is mapped c.100m east of the site. Pools Dike is located c.300m south of the site. Whin <b>Covet old quarry</b> is located c.1000m east of the site.
c.1893	No significant changes recorded.	<b>Monckton Row</b> comprising a street of residential housing is present c.100m northwest of the site.
c.1894 – c.1895	No significant changes recorded.	<b>Monckton Main Colliery</b> is located c.300m north of the site including industrial buildings, a reservoir and single railway tracks. The <b>Midlands Railway</b> has expanded to include the <b>Monckton Main Colliery Branch</b> , joining the original line within the Colliery c.500m north of the site. <b>The Hull Barnsley and West railway line</b> has been constructed c.550m southeast of the site, joining with the <b>Monckton Main Colliery Branch</b> c.750m south of the site. A <b>quarry</b> is now mapped adjacent to the Midlands Railway Line, c.250m west of the site.
c.1906	No significant changes recorded.	<b>The old quarry</b> located c.300m northeast of the site has been expanded and now borders the Monckton main Colliery Branch. <b>Coke ovens, filter beds and a quarry</b> are now mapped within <b>Monckton Main Colliery</b> , c.300m northwest of the site. <b>Sewage works</b> are present c.150m southeast of the site and c.300m southeast of the site. A <b>gasometer</b> is mapped c.250m west of the site.
c.1907 – c.1908	No significant changes recorded.	<b>Cudworth Lane Sewage Farm</b> is located c.1000m southwest of the site.
c.1917	No significant changes recorded.	The <b>quarry</b> within Monckton Colliery, 300m northwest of the site has now been <b>infilled</b> . An <b>athletic ground</b> has been constructed c.150m north of the site. <b>The old quarry</b> has expanded and is now c.150m east of the site. A <b>building labelled institute</b> has been constructed c.100m west of the site. A pit is present c.100m north of the site, adjacent to Lund Hill Lane.
c.1932 – c.1933	No significant changes recorded.	<b>Residential development</b> has taken place c.300m – 1000m west of the site. A <b>pump house and reservoir</b> are mapped c.300m south of the site. <b>Covet old Quarry</b> is now mapped as disused and has been <b>infilled</b> . <b>Monckton Main Colliery</b> has expanded and comprised additional buildings, a tram way, and a <b>clay pit and quarry</b> c.750m north of the site.
c.1938 - c.1948	No significant changes recorded.	Further <b>residential development</b> has taken place c.500m southwest of the site within Royston.
c.1956	No significant changes recorded.	<b>Sewage works</b> are present adjacent to Pools Dike, c.750m south of the site.

## 4.0 Industrial Setting (Cont'd)

### 4.1 Site History (Cont'd): -

**Table 4.1 (Cont'd)**

Significant features / potential contamination sources highlighted in **bold**.

<b>Date</b>	<b>Site</b>	<b>Adjacent Areas</b>
c.1962	An <b>access road</b> has been constructed within the north-east corner of the site.	The <b>quarry</b> c.150m east of the site has expanded, <b>five ponds</b> have been mapped in the centre of the quarry. <b>Access roads</b> from Lund Hill Lane led to the quarry and a building c.100m east of the site. The athletics ground has expanded and is now mapped as sports ground. Additional <b>industrial buildings</b> have been constructed adjacent to Monkton Main Colliery, c.150m north of the site. <b>The Monkton Main Colliery Branch railway</b> is now mapped as <b>dismantled</b> . Pylons run south to north, c.150m east of the site. <b>The quarry</b> adjacent to the Midlands Line has been <b>infilled</b> , c.300m northwest of the site. <b>Works and industrial buildings</b> are present c300m west of the site.
c.1966	No significant changes recorded.	The <b>quarry</b> c.150 east of the site has significantly expanded. The <b>quarry</b> c.750m north of the site has also expanded.
c.1975	No significant changes recorded.	No significant changes recorded.
c.1981	No significant changes recorded.	<b>The Monkton Main Colliery Branch</b> railway lines are mapped as <b>dismantled</b> . The quarry located c.750m north of the site have been <b>infilled</b> . The quarry c.150m east of the site is mapped as a <b>disused tip</b> with disused workings within the south, c.500m east of the site.
c.1990	No significant changes recorded.	A <b>quarry</b> c.450m southeast of the site is present.
c.1993	No significant changes recorded.	No significant changes recorded.
c.1999 (Aerial Photography)	No significant changes recorded.	No significant changes recorded.
c.2000	The <b>access road</b> within the northeast corner of the site is no longer mapped.	The <b>quarry and tip</b> located c.150m east of the site has been <b>infilled</b> and mapped as disused. The <b>quarry</b> located c.450m southeast of the site has been <b>infilled</b> and no comprises grassland and trees
c.2006	An <b>access road</b> has been reconstructed within the northeast corner of the site.	<b>Access tracks</b> into the Country Park have been constructed. The mine within <b>Monckton Colliery</b> is mapped as <b>disused</b> .
c.2024	The site comprises <b>car parking</b> comprising hardstanding.	The site is encompassed by a hardstanding <b>car parking area</b> with a visitors centre to east of the site, with an access road coming off Lund Hill Lane.

### 4.2 UXO Risk: -

According to the Unexploded Bomb Risk Map produced by ZeticaUXO, the site lies within a low risk area in terms of unexploded ordnance (areas indicated as having 15 bombs per 1000acre or less). Therefore, it is felt that no further action is deemed necessary. A copy of the ZeticaUXO Unexploded Bomb Risk Map can be seen attached in Appendix IV.

### 4.3 Landfill & Waste: -

The following information relating to landfill and waste has been obtained from the Envirocheck report (attached in Appendix III) and site reconnaissance (walkover) survey;

- There are no Local Authority Recorded Landfill Sites, Registered Landfill sites, BGS Recorded Landfill Site, Areas of Potentially Infilled Land (Water), Coal Authority Managed Tips within c.250m of the site.
- There is one Potentially Infilled Land (Non-Water) recorded c.131m east of the site associated with the historical quarry, with date of mapping recorded as c.1932 – c.2000).

## 4.0 Industrial Setting (Cont'd)

### 4.3 Landfill & Waste (Cont'd): -

- There is one Historical Landfill Site recorded c.232m west of the site associated with a historical quarry, with date of mapping recorded as c.1894 – c.1956
- There are no Licensed Waste Management Facilities or Registered Waste Transfer Sites located within c.250m of the site boundary.

Based on the results and following a review of OS maps and other site-specific data, the proposed development is anticipated to be at a potential moderate to high risk from ground gas production / migration based on the historical coal mining within the area and sources of made ground. It is recommended that a programme of ground gas monitoring is undertaken as part of any intrusive investigation works in accordance with Ciria 665+BS8485:2015+A2019.

### 4.4 Statutory Requirements / Authorisations: -

**Table 4.2**

<b>TYPE</b>	<b>Location</b>	<b>Comments</b>
<b>Integrated Pollution Prevention and Controls:</b>	Five recorded within c.250m.	There are five integrated pollution, prevention and control records within c.250m of the site EC ref. 14 – 16. The closest being Monckton Coke and Chemical Company Ltd, c.99.00m west, with the status 'valid'.
<b>Local Authority Pollution Prevention and Controls:</b>	None recorded within c.250m.	~
<b>Registered Radioactive Substances:</b>	None recorded within c.250m.	~
<b>Prosecutions Relating to Authorised Processes:</b>	None recorded within c.250m.	~
<b>Enforcement and Prohibition Notices:</b>	None recorded within c.250m.	~
<b>Planning Hazardous Substances Consents / Enforcements:</b>	None recorded within c.250m.	~
<b>COMAH/Explosive /NIHHS Sites:</b>	None recorded within c.250m.	~
<b>Contemporary Trade Entries:</b>	Three recorded within c.250m.	Three contemporary trade entries recorded within c.250m. EC ref. 270 Naylor's Timber Recovery, located c.208m north of the site with the status 'active'. EC ref. 270 Staywarm Solid Fuels c.233m north of the site with the status 'inactive', EC ref. 271 My Fresh Prints c.243m west of the site with the status 'active'.
<b>Fuel Station Entries:</b>	None recorded within c.250m.	~
<b>Points of Interest:</b>	Thirteen recorded within c.250m.	There are thirteen manufacturing and production points of interest within c.250m, EC ref .297 – 299. The closest being a tank located c.139m north-west of the site.

## 4.0 Industrial Setting (Cont'd)

### 4.5 Pollution Incidents and Discharge Consents: -

Table 4.3

TYPE	Location	Comments
Discharge Consents	None recorded within c.250m.	~
Water Industry Act Referrals	None recorded within c.250m.	~
Prosecutions Relating to Controlled Waters	None recorded within c.250m.	~
Pollution Incidents to Controlled Waters	None recorded within c.250m.	~
Substantiated Pollution Incident Register	None recorded within c.250m.	~

## 5.0 Conceptual Site Model (CSM)

The Conceptual Site Model (CSM) is one of the primary planning tools that can be used to support the decision-making process of managing contaminated land and groundwater on any given site and allows a better understanding of what needs to be done to achieve risk management, and from this appropriate remediation techniques, if required for those risk management goals can be chosen.

This can be done by undertaking a *source-pathway-receptor* analysis of the site. The anticipated *sources*, *pathways* and *receptors* for this site are summarised in Table 5.1 below. A graphical representation of the CSM has been produced for the site and can be seen attached in Appendix V, which also sets out the critical pollutant linkages of concern for this site, with regards to contamination.

Table 5.1

\* = Not included in the Human Health & Controlled Waters Risk Assessment.

	<u>Sources (S)</u>	<u>Pathways (P)</u>	<u>Receptors (R)</u>
S1	Made ground (associated with the historical on site developments and adjacent infilled land). Potential for asbestos containing materials (ACM's).	P1 Ingestion P2 Inhalation of indoor / outdoor air	R1 Human health (End users and construction workers) – Commercial use.
S2	Potential 'hot spots' of hydrocarbon contamination associated with the sites current use as a car park.	P3 Dermal contact P4 Plant Uptake	R2 Controlled waters: Groundwater within the solid geology (Secondary A Aquifer)
S3	Potential hazardous ground gases associated with on-site / off-site sources of made ground and coal mining areas.	P5 Migration through grounded and existing services P6 Surface run off and leachate migration	R3 Building materials*
S4	The estimated probability of the property being above the Action Level for radon is 3-5% and basic radon protection is recommended.	P7 Direct contact with building materials	R4 Adjacent sites R5 Flora and fauna*

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

### **5.1 Geotechnical Considerations: -**

The following potential geotechnical issues and hazards have been identified for this site, and these issues should be considered before future development of the site is to take place;

- Thickness, variability and condition of any made ground below the site.
- Geotechnical parameters of natural deposits below the proposed development area.
- Control of surface water drainage.
- The presence of buried services.
- Stability of excavations.
- Chemical attack on buried concrete i.e., BRE SD1 classification.
- Potential unrecorded shallow mine workings below the site.

In order to determine the geotechnical considerations above with more certainty, it is recommended that a programme of intrusive works with associated testing, to aid in assessing the extent of any potential issues would be required. Upon completion of these works, foundation proposals for future structures could then be prepared.

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

### **5.2 Sources of Contamination and Probable Contaminants: -**

The historical Ordnance Survey maps, Landmark Envirocheck Report, BGS mapping and other environmental information revealed that the site has been mostly undeveloped land with some minor above ground structures within a wider industrial area. Currently, the site comprises a car parking area with a visitors' centre within the centre of the site. Therefore, variable thicknesses of made ground deposits are anticipated beneath the site, potentially comprising ACMs.

The site is currently being used as a car parking area and it is possible that contaminants such as fuel and oil spillages may have impacted the site. However, no olfactory or visual evidence (i.e., distinct odours or surface staining) of contamination was apparent during the site reconnaissance survey.

Hazardous ground gas production / migration is considered to be medium to high associated with coal mining risk. There is one record of potentially infilled land (non-water) east of the site and the site is deemed to be in an area of low to moderate radon probability according to the BGS. The latter should be further assessed by procuring a site-specific radon report.

#### **5.2.1 Soils – Human Health: -**

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

- Generic contamination suite, typically comprising; Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc, Total Organic Carbon, (TOC) and pH.
- Asbestos screening (and quantification if encountered).

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

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

#### **5.2.1 Soils – Human Health (Cont'd): -**

- Speciated Polyaromatic Hydrocarbons (PAHs) and Total Petroleum Hydrocarbons (TPHs) should be undertaken, where ashy type deposits are encountered and if there is any visual or olfactory evidence of fuels /oils or other wastes e.g. ash, present in the ground.

Waste Acceptance Criteria (WAC) testing is additionally recommended to aid in off-site soil disposal to landfill.

Consideration should also be given to the protection of any new service pipes for the proposed development, and a suite of contamination testing (UKWIR suite) may be required in order to meet the requirements of the local utilities service provider for their 'pipe selection risk assessment' (PSRA), once the location and depth of future services have been determined.

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

#### **5.2.2 Groundwater / Leachate – Controlled Waters**

The following issues have been taken into consideration when assessing the risks towards groundwater / Controlled Waters;

- The solid geology (Pennine Middle Coal Measures Formation) is classified as a Secondary A Aquifer.
- There are no Source Protection Zones (SPZ) beneath the site or within c.1km of the site boundary.
- There is one Water Abstractions recorded within c.500m of the site boundary, EC ref. 33 Monckton Coke and Chemical Company Ltd located c.410m south-east of the site with the licence 'revoked'.
- There are thirty-two surface water features within c.250m of the site, the closest being c.9.00m east of the site.
- Significant sources of leachable contaminants are not considered to be present on this site.

If the made ground, has significantly elevated levels of contaminants present, based on the soil screening carried out, then targeted leachate / groundwater screening may need to be completed to assess the risk to Controlled Waters. This can be carried out on an individual analyte by analyte basis, as required.

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

## **6.0 Recommendations for Phase 2 : Ground Investigation Works: -**

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

---

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

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

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

- A series of shallow boreholes to confirm the ground conditions (allowable bearing pressures) with insitu sampling and testing (i.e., SPT's etc) if increased foundation loads are envisaged.
- A series of deeper rotary boreholes to investigate potential shallow mine workings below the site.
- Installation of combined ground gas and groundwater monitoring wells accompanied by an appropriate number of monitoring and groundwater sampling visits (in accordance with CIRIA C665 & BS8485), in order to determine the ground gas and groundwater regime below the site.
- Appropriate laboratory geotechnical testing on the samples recovered from the site, including chemical testing for concrete classification.
- Appropriate laboratory soil contamination screening on samples of made ground materials to determine the potential risks to Human Health, testing to include analytes as highlighted in Section 5.3.
- Site supervision and production of RAMS and interpretive Phase 2: Ground Investigation Report, including a Ground Contamination Risk Assessment and Waste Classification of soils.

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

**End of Report**

# **APPENDIX I**

**Location Plan**

**Aerial Photograph**

**Existing Layout Plan**

**Utility Survey**

**Proposed Development Layout Plan**

Scale as shown



Client:  
**PROPERTY SERVICES LTD**

Project Title:  
 Rabbits Ings Country Park  
 Visitors Centre, Lund Hill Lane  
 Royston, Barnsley, S71 4BB

Drawing Title:  
 Location Plan

rev.	date	amendments	drawn	chckd

Job Reference:  
 24-562

Drawing Number:  
 -

Revision:

Drawn by:  
 P.D

Date:  
 27.08.24

Scale at A4:  
 As shown

Checked by:  
 S.H

Approved by:  
 S.H

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LEGEND	
	APPROXIMATE SITE BOUNDARY

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rev.	date	amendments	drawn	chckd
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Client:  
**PROPERTY SERVICES LTD**

Project Title:  
 Rabbit Ings Country Park Visitors Centre  
 Lund Hill Lane, Royston  
 Barnsley, S71 4BB

Drawing Title:  
 Aerial Phptograph

Scale at A3: NTS @ A3	Date: 23.08.24	Drawn by: P.D	Approved by: S.H
--------------------------	-------------------	------------------	---------------------

Job Ref: 24-562	Drg no: -	Rev: -
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**LEGEND**

 APPROXIMATE SITE BOUNDARY

rev.	date	amendments	drawn	chckd

Client:  
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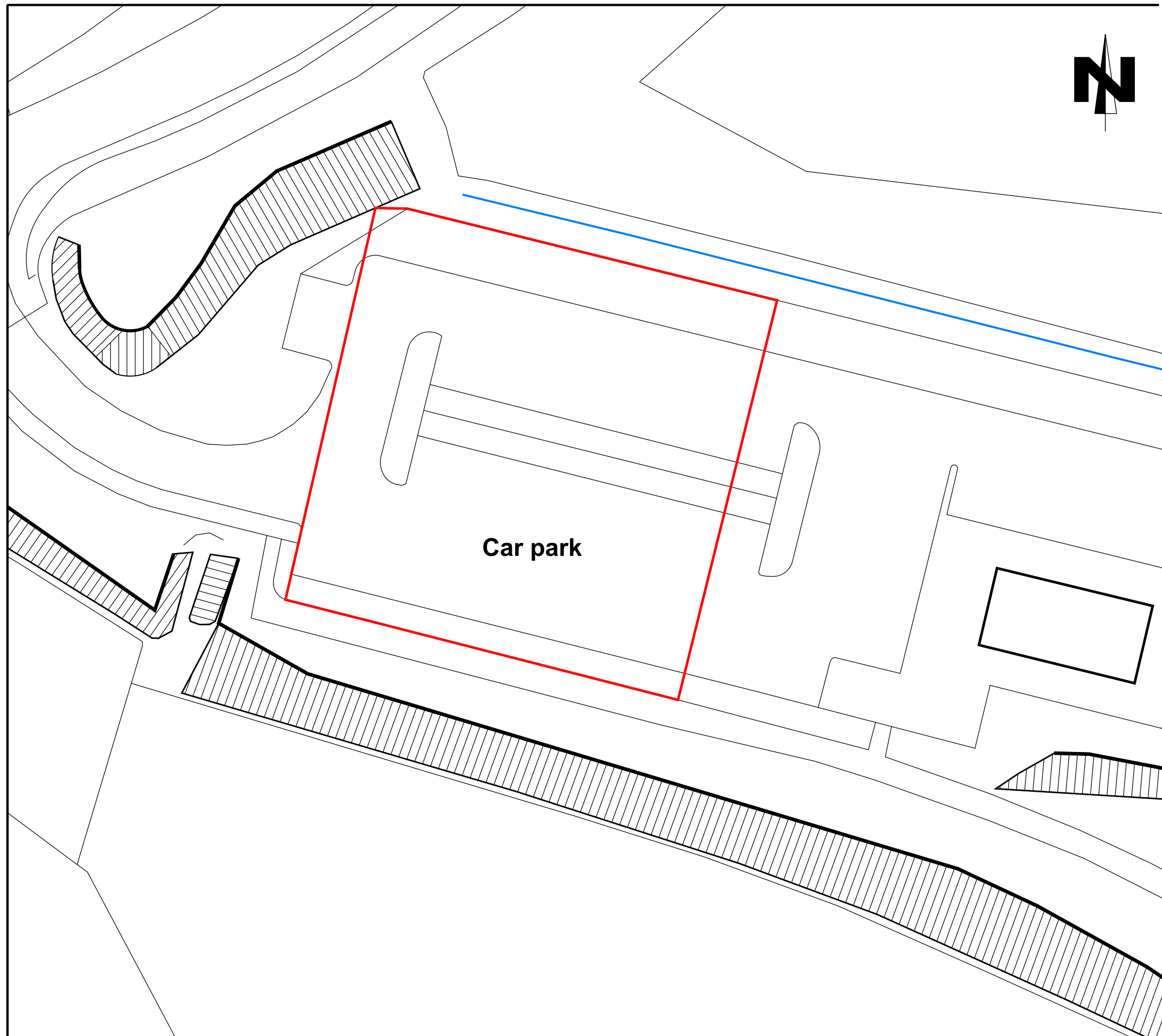
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Rabbit Ings Country Park Visitors Centre  
Lund Hill Lane, Royston  
Barnsley, S71 4BB

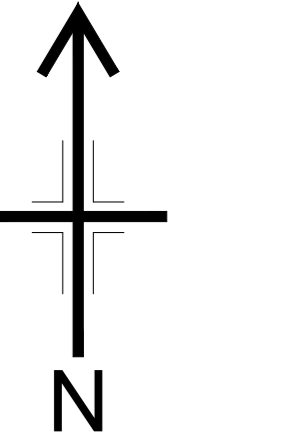
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Existing Site Layout Plan

Scale at A3: NTS @ A3	Date: 23.08.24	Drawn by: P.D	Approved by: S.H
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Job Ref: 24-562	Drg no: -	Rev: -
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**Car park**





Topographic Abbreviations

ACU Air Conditioning Unit	KD Kew Outlet
AV Air Vent	LB Liar Bin
BS Building Section	LP Lamp Post
BK Back	MB Metal Base
BL Black/Red Level	MI Meter
BDL Bolt	MK Service Marker
BP Brick Paver	MW Manhole
BPV Brick Pavement	OSBM Ordnance Survey Benchmark
BR Brick	P Post
BS Bus Stop	PS Post Box
BT BT Inspection Cover	PCP Pedestrian Control Point
CA Camera	PLT Plant
CAB Cable Junction Box	PM Parking Meter
CATV Cable Inspection Cover	PPL Pallet Level
CB Control Box	PV Pump
CCTV Closed Circuit Television	RE Rodding Eye
CD Cable Duct	RL Ridge Level
CG Cable Grid	RS Road Sign
CH Chalk Hole	RW Retaining Wall
CI Cable Inspection Point	RWC Rain Water Channel
CL Cover Level	RWP Rain Water Pipe
CR Cable Riser	SA Scaffolding
CK Column	SB Siding Board
CR Cover	SC Water Stopcock
DK Drop Keel	SD Side Drain
DPC Damp Proof Course	SEG Side Entry Gully
EB Electricity Control Box	SH Sign
EJB Electricity Junction Box	SI Sign Cable
EL Eave Level	ST Sign Post
ELEC Electricity Inspection Cover	SV Sign Valve
EM Electricity Meter	SVP Sign Valve Pipe
EP Electricity Pole	TB Telephone Call Box
ER Earth Rod	TBM Temporary Bench Mark
FB Power Box	TC Traffic Control Inspection Cover
FC Fuel Cover	TH Traffic Light
FL Floor Level	TI Traffic Island
FD Floor Duct	TIC Telephone Inspection Cover
FE Floor Edge	TJ Telephone Junction Box
FF Footpath	TL Traffic Light
FR Fuel Tank Level	TDW Top of Wall Level
G Gully	TS Trench
GA Gas Inspection Cover	TS Trench
GB Gas Junction Box	TS Trench
GM Gas Meter	UTSF Unable to Survey Further
GP Gate Post	VP Vent Pipe
GR Gate	WM Water Meter
HL Head Level	WO Wash Out
IC Inspection Cover	WP Waste Pipe
IL Invert Level	WTR Water Inspection Cover
JB Junction Box	

Topographic Legend

Gate	Vegetative Barrier
Paving	Railing
Top of Batter	Pin Keel
Building Wall	Overhead Power Line
Drift/Vegetative Line	Grass Edge
Subsidence	Contour With Level
Slope of batter	Edge of Handstanding
Well	Brown Hole
Pipes	Tree
Fences	Bush
Photostations	Survey Station
Photograph Origin	Photograph Origin

Utility & CCTV Abbreviations

A.C.E APPROXIMATE CHAMBER	MA.R MAN ACCESS REQUIRED
AG ABOVE GROUND	NOVP NO OTHER VISIBLE PIPES
AR ASSUMED ROUTE	NOVS NO OTHER VISIBLE SERVICES
BD BACKDRILL	NVP NO VISIBLE PIPE
D.O.C DEPTH OF COVER	NVS NO VISIBLE SERVICES
D.T.B DEPTH TO BOTTOM	NVV NO VISIBLE VALVE
D.L.D DEPTH TO LANDING	OSA OUT OF SURVEY AREA
D.T.S DEPTH TO SALT	P.F.D RISK OF DAMAGE
D.W DEPTH TO WATER	P.T. POOR TRACE
E.O.C END OF CAMERA	SA SURVEY ABANDONED
E.O.S END OF SCENE	TRF TRASH FROM RECORDS
EOBR END OF STATUTORY RECORD	UTL UNABLE TO LIFT
END OF TRACE	UTC UNABLE TO CAMERA
END OF TRACE (SIDE)	UNL UNABLE TO LOCATE
LAT LATERAL DRAIN	UTT UNABLE TO TRACE

Utility Legend

FUEL LINE - PETROL	VISIBLE TRENCH
FUEL LINE - DIESEL, KERO OR PARAFFIN	CHAMBER EXTENTS
ELECTRICITY CABLE	REPORT PHOTOS
WATER SUPPLY PIPE	
GAS	
TELECOM CABLE	
BT CABLE	
CABLE TELEVISION	
FIBRE OPTICS	
EMPTY UTILITY SUECT	
CATHODIC PROTECTION	
EARTH DUN	
HEATING PIPES	
SURFACE WATER DRAIN	
FOUL WATER DRAIN	
COMBINED DRAIN	
RISING MAIN	
UNIDENTIFIED LOCATED USING GPR - SEE NOTES	
UNIDENTIFIED LOCATED BY INDUCTION - SEE NOTES	
UNIDENTIFIED (LOCATED BY RADIO) - SEE NOTES	
UNIDENTIFIED PIPELINE	
TANK/JUNCTION LINE OR COMMS CABLE	
OFF-SET FILL	
VENT PIPE	
REHEIMENT ON PIPES	
VAPOR RECOVERY	
SURVEY EXTENTS BOUNDARY LINE	
END OF TRACE (SIDE) - STATUTORY RECORD INFORMATION	

Notes

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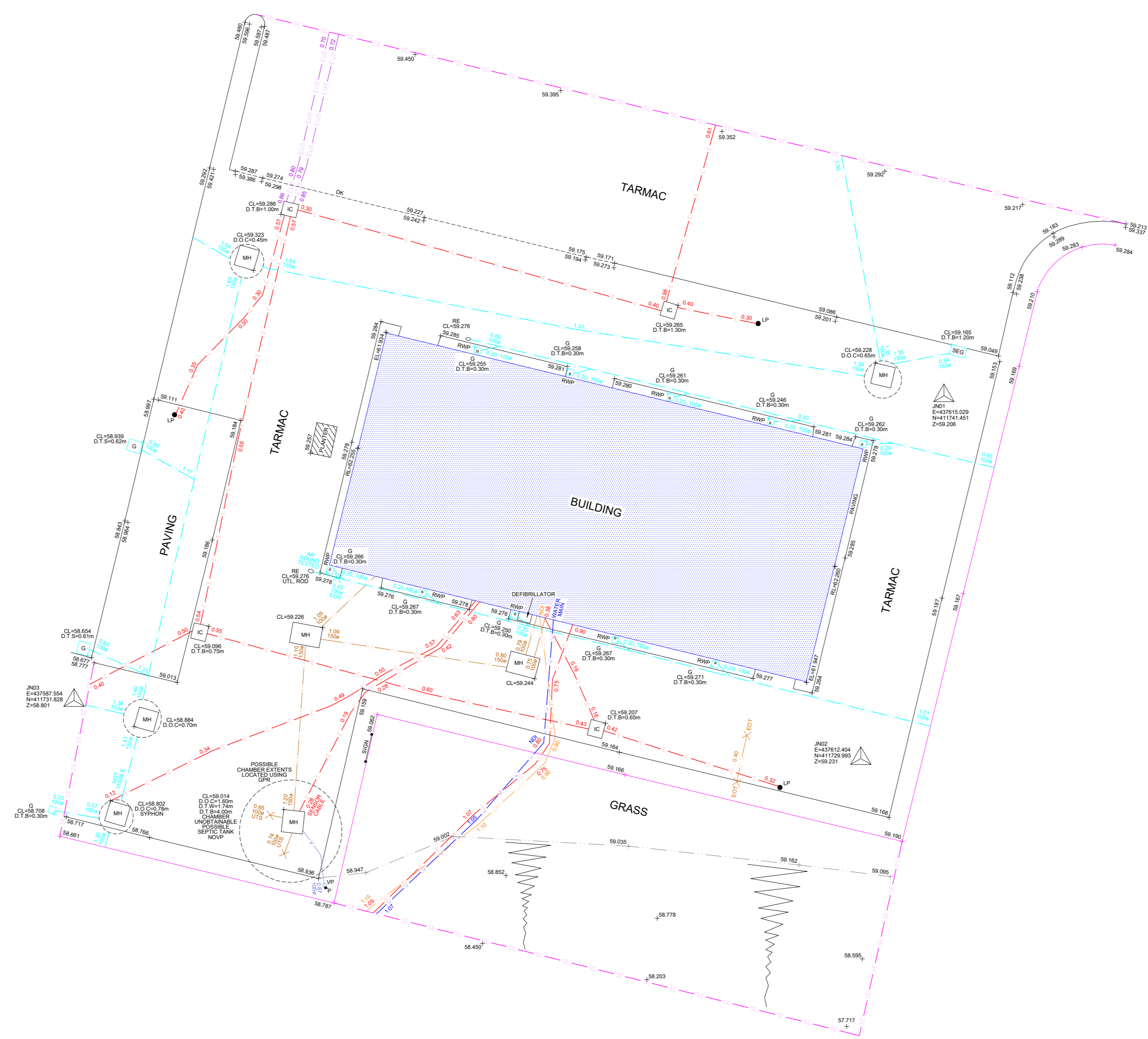
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Reference Material

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Rev	Details	Name	Date
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Client: **Barnsley MBC**  
Barnsley Town Hall,  
Church Street, Barnsley,  
S70 2TA

Project: **Rabbit Ings Community Building**  
Rabbit Ings Country Park,  
Lund Hill Lane, Royston,  
Barnsley, S71 4BB

Title: **Rabbit Ings Community Building**  
Topographic & Utility Survey  
(Sheet 1 of 1)

Surveyed:	JN, SF	CAD:	JN
Chk'd:	DF	App'd:	JG
Date:	10.04.2024	Scale:	1:100@A0



**1ST HORIZON**  
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No. **BMBC-R110709-01** Rev. -

Alternative building position 1



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**LEGEND**

 APPROXIMATE SITE BOUNDARY

rev.	date	amendments	drawn	chckd

Client:  
**PROPERTY SERVICES LTD**

Project Title:  
Rabbit Ings Country Park Visitors Centre  
Lund Hill Lane, Royston  
Barnsley, S71 4BB

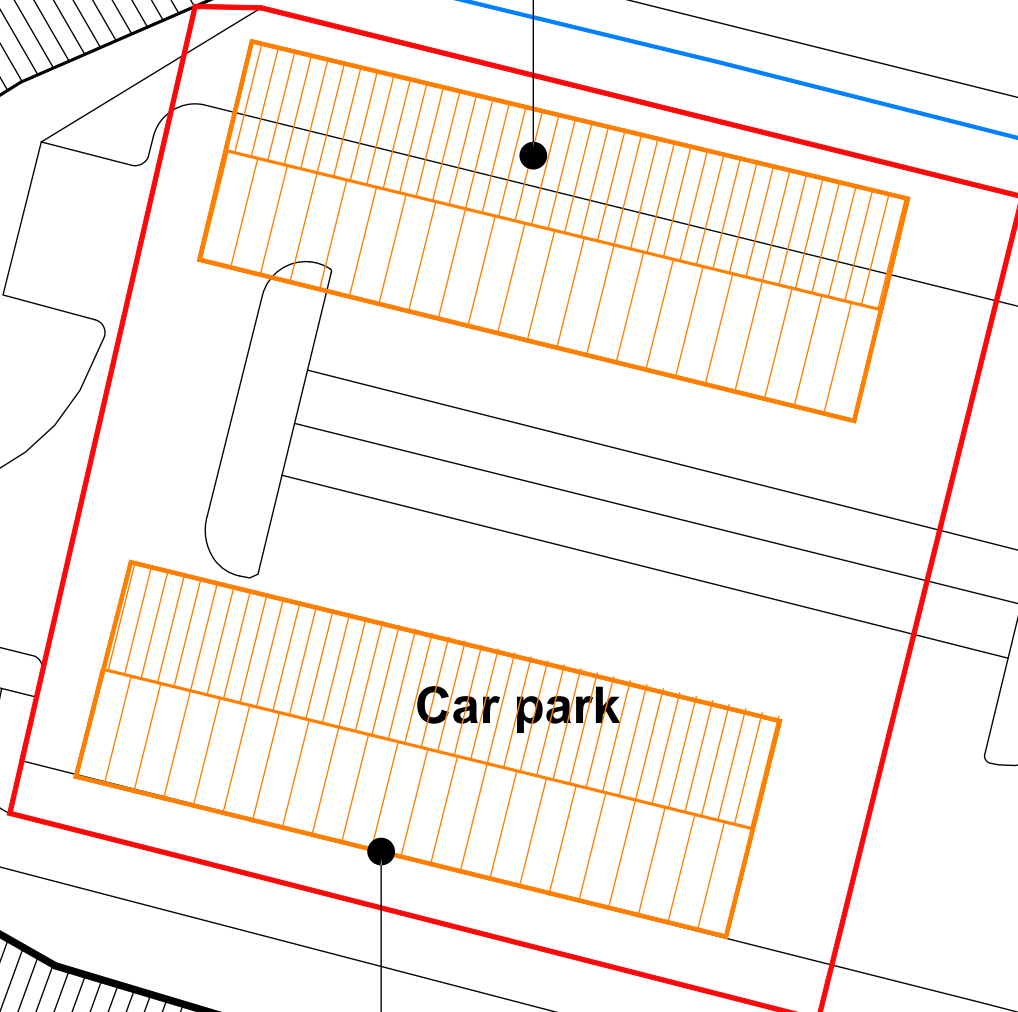
Drawing Title:  
Proposed Development Layout Plan

Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	23.08.24	P.D	S.H

Job Ref:	Drg no:	Rev:
24-562	-	-

Alternative building position 2

Car park



# **APPENDIX II**

## **Archive BGS Borehole Record Coal Authority Consultants Coal Mining Report**



FORM P 70  
SERIES 680

SE 31 SE/12

COMMERCIAL IN CONFIDENCE

31 DEC 1971

Section of LUND HILL LANE Borehole

Purpose To prove the Sharlston Top Seam

Exact Site O.S. N.G.R. SE/37579/11734

Level at which <sup>shaft</sup> bore commenced relative to O.D. 196.46 <sup>drift</sup> A.O.D.

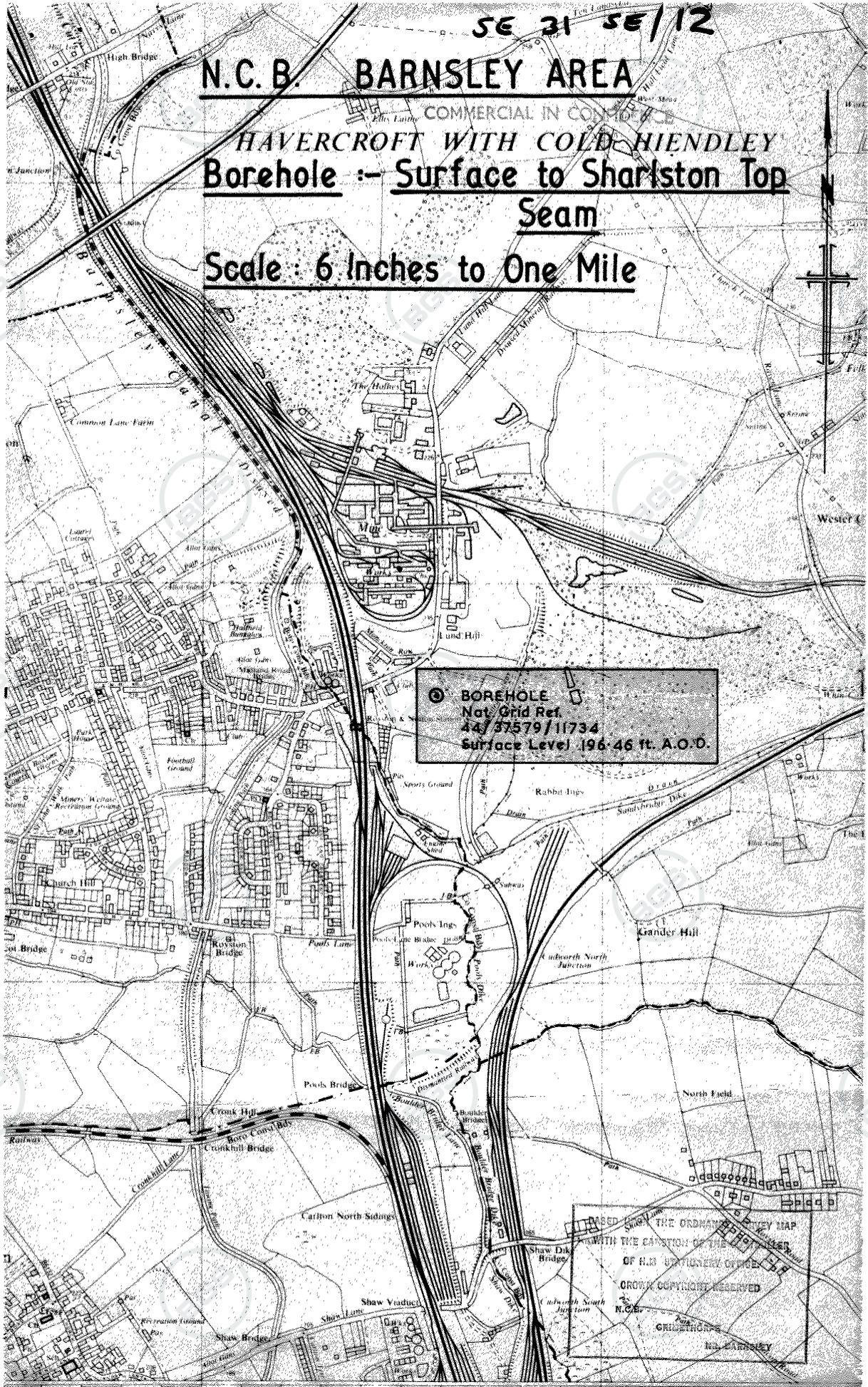
Date of sinking or boring May 1971

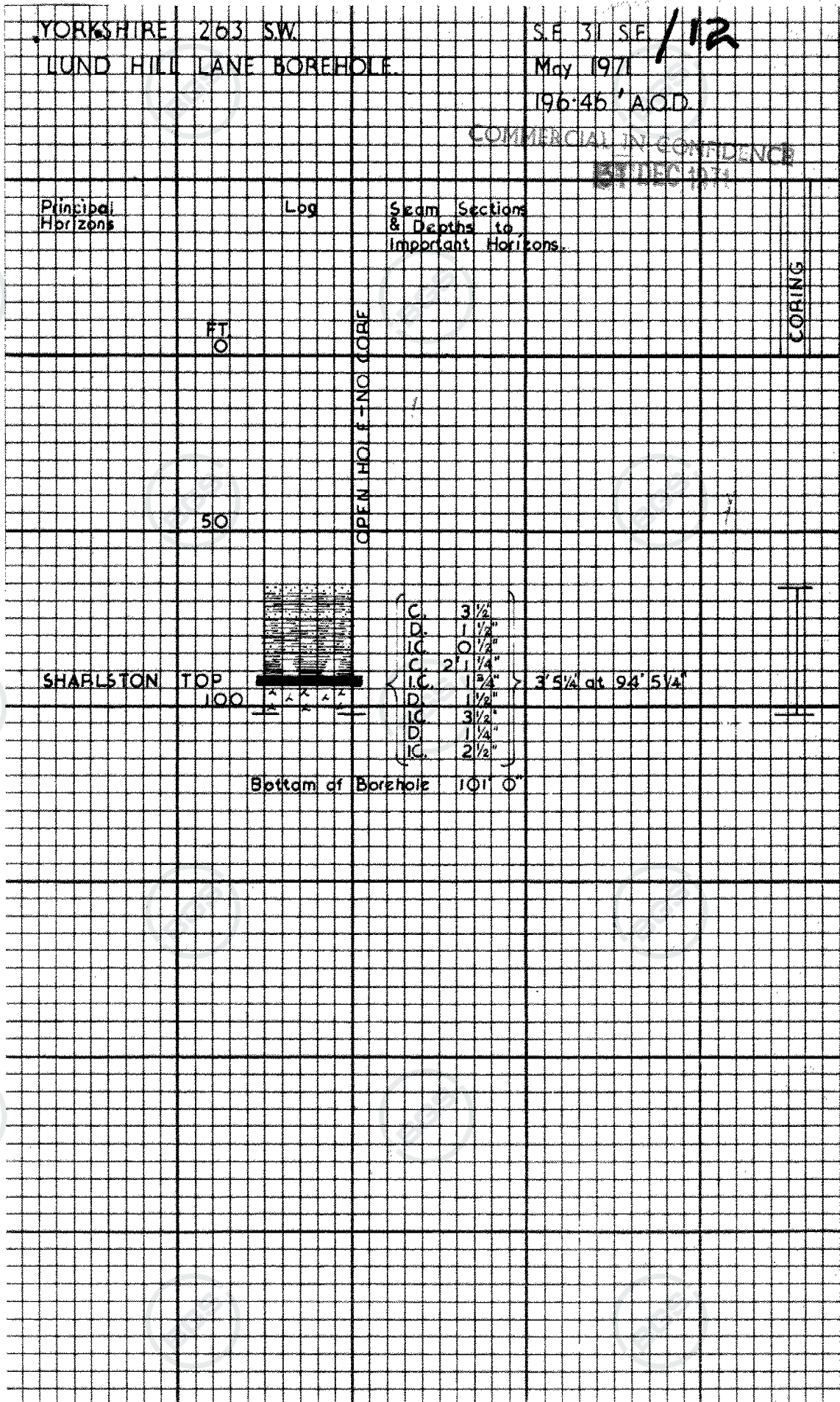
Sinker or borer National Coal Board  
Cores, other than coal, examined by W. J. Smith.

6-INCH MAP	B.M. REF. NO.
Yorks. 263 SW (County, Sheet and Qtr.)	
SE 31 SE (Nat. Grid, Sheet & Qtr.)	
Attach tracing from a map or sketch map if possible	

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH (ft.)
		ft.	in.	
	OPEN HOLE - NO CORE	65	1	65
	Pale grey sandstone with carbonaceous micaceous partings	10	50	75
	Grey siltstone with plant debris	31	024	106
	Grey silty mudstone with plant debris	20	631	126
	Finely laminated sandstone and siltstone	0	15	141
	Grey siltstone with contorted sandy layers	10	30	151
	Laminated sandstone and siltstone with carbonaceous micaceous partings	0	13	164
	Grey sandstone with carbonaceous micaceous partings	1	04	177
	Grey silty mudstone with plant debris and occasional sandy streaks	10	466	187
	Grey siltstone with plant debris and sandy layers	0	23	210
	Grey silty mudstone with plant remains	10	300	220
	Grey siltstone with plant remains	10	466	230
	Grey silty mudstone	20	849	250
	Grey siltstone	10	414	260
	Finely laminated sandstone and siltstone with carbonaceous micaceous partings	0	18	270
	Grey siltstone	0	15	285
	Grey slightly silty mudstone, occasional mussels	20	714	305
	Grey mudstone with mussel fragments and occasional ironstone bands	31	024	336
	Dark grey shale with <i>Naiadites</i>	0	20	356
	COAL	3	11	367
	Carbonaceous mudstone and dull coal	1	11	378
	Inferior COAL	0	11	389
	COAL	2	11	400
	Inferior COAL	1	11	411
	Mudstone-seatearth	1	11	422
	Inferior COAL	3	11	433
	Carbonaceous mudstone-seatearth	1	11	444
	Inferior COAL	2	11	455
	Carbonaceous mudstone with coal streaks	0	02	457
	Weak dark grey mudstone-seatearth	0	04	461
	Grey mudstone-seatearth	0	521	466
	Siltstone-seatearth with rootlets	0	25	491
	Weak grey/brown mudstone-seatearth	0	612	552
	Sphaeroiderite band	0	10	562
	Brown/grey mudstone-seatearth	0	461	608
	BOTTOM OF BOREHOLE			

SHARLSTON TOP







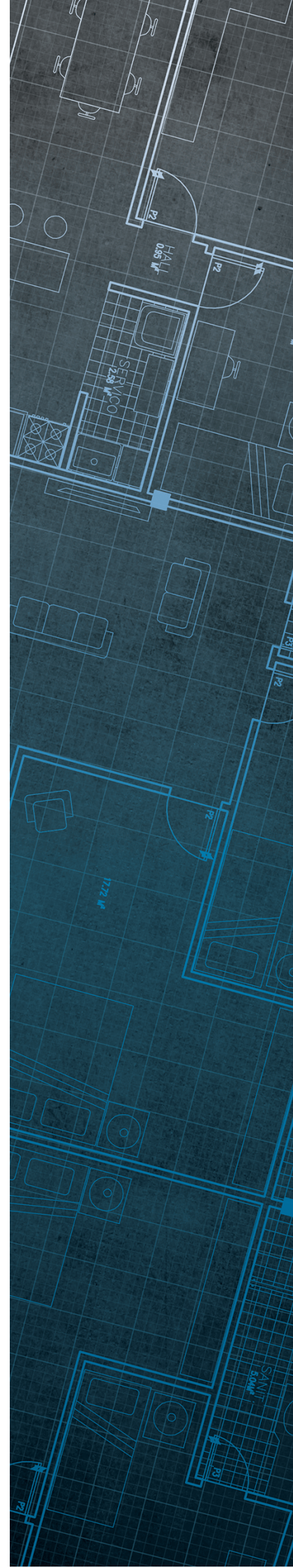
The Coal  
Authority

# Consultants Coal Mining Report

Rabbit Ings Country Park  
Lund Hill Lane  
Royston  
Barnsley  
Barnsley  
S71 4BB

Date of enquiry: 7 August 2024  
Date enquiry received: 7 August 2024  
Issue date: 7 August 2024

Our reference: 51003442472001  
Your reference: 24-562



# Consultants Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

## Client name

ARC ENVIRONMENTAL LTD

## Enquiry address

Rabbit Ings Country Park  
Lund Hill Lane  
Royston  
Barnsley  
Barnsley  
S71 4BB


## How to contact us

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

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Nottinghamshire  
NG18 4RG

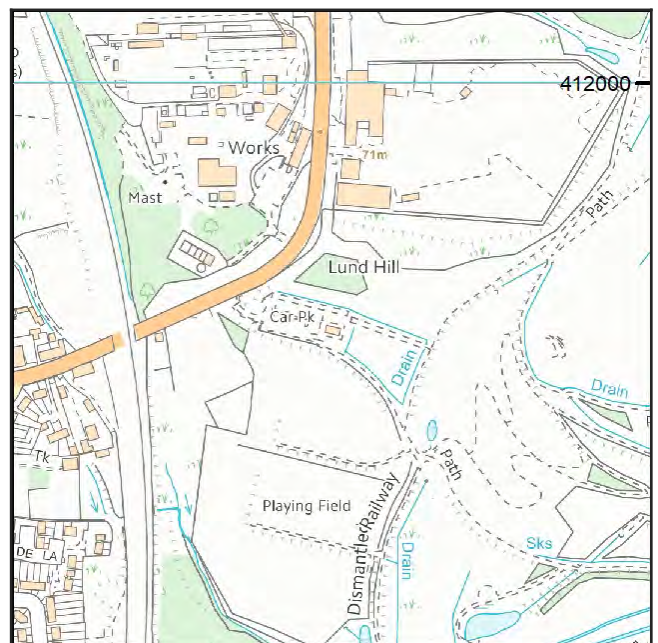
[www.groundstability.com](http://www.groundstability.com)

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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# Section 1 – Mining activity and geology

## Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	KENT THICK	Coal	64UB	292	South	6.4	North	84	1960
unnamed	WINTER	Coal	6TVW	293	North-East	5.5	North	82	1948
unnamed	KENT THICK	Coal	63BE	302	South	4.0	East	84	1952
unnamed	LOW BARNESLEY	Coal	6621	356	South-West	2.9	North-East	161	1906
unnamed	LOW BARNESLEY	Coal	6622	386	Beneath Property	8.2	North	161	1906
unnamed	LOW BARNESLEY	Coal	6623	405	North	5.8	North	161	1902
unnamed	TOP HAIGH MOOR	Coal	XXXX	425	South	2.8	North	107	1919
unnamed	LOW BARNESLEY	Coal	6ZQT	427	North	0.7	North-West	155	1901
unnamed	TOP HAIGH MOOR	Coal	6624	456	Beneath Property	7.2	North	130	1927
unnamed	TOP HAIGH MOOR	Coal	6627	479	North	5.5	North	107	1917
unnamed	TOP HAIGH MOOR	Coal	6ZQV	510	North	0.9	South-West	107	1915

## Probable unrecorded shallow workings

Yes.

## Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

## Mine entries

None recorded within 100 metres of the enquiry boundary.

### Abandoned mine plan catalogue numbers

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

NE190	NE577	NE197
16354	NE577	NE224
NE546		

**Please contact us on 0345 762 6848** to determine the exact abandoned mine plans you require based on your needs.

### Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
SHARLSTON TOP	Coal	Yes	16.6	South	96

### Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

### Opencast mines

None recorded within 500 metres of the enquiry boundary.

### Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

## Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

### Site investigations

None recorded within 50 metres of the enquiry boundary.

### Remediated sites

None recorded within 50 metres of the enquiry boundary.

### Coal mining subsidence

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

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

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

### Mine gas

None recorded within 500 metres of the enquiry boundary.

### Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

## Section 3 – Licensing and future mining activity

### Future underground mining

None recorded.

### Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

### Court orders

None recorded.

### Section 46 notices

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

### Withdrawal of support notices

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

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

### Payments to owners of former copyhold land

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

## Section 4 – Further information

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

### Future development

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

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

### Development advice

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

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

## Section 5 – Data definitions

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

### Past underground coal mining

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

### Probable unrecorded shallow workings

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

### Spine roadways at shallow depth

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

### Mine entries

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

### Abandoned mine plan catalogue numbers

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

### Outcrops

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

### Geological faults, fissures and breaklines

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

### **Opencast mines**

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

### **Coal Authority managed tips**

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

### **Site investigations**

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

### **Remediated sites**

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

### **Coal mining subsidence**

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

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

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

### **Mine gas**

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

### **Mine water treatment schemes**

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

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

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

### **Future underground mining**

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

### **Coal mining licensing**

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

### **Court orders**

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

### **Section 46 notices**

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

### **Withdrawal of support notices**



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

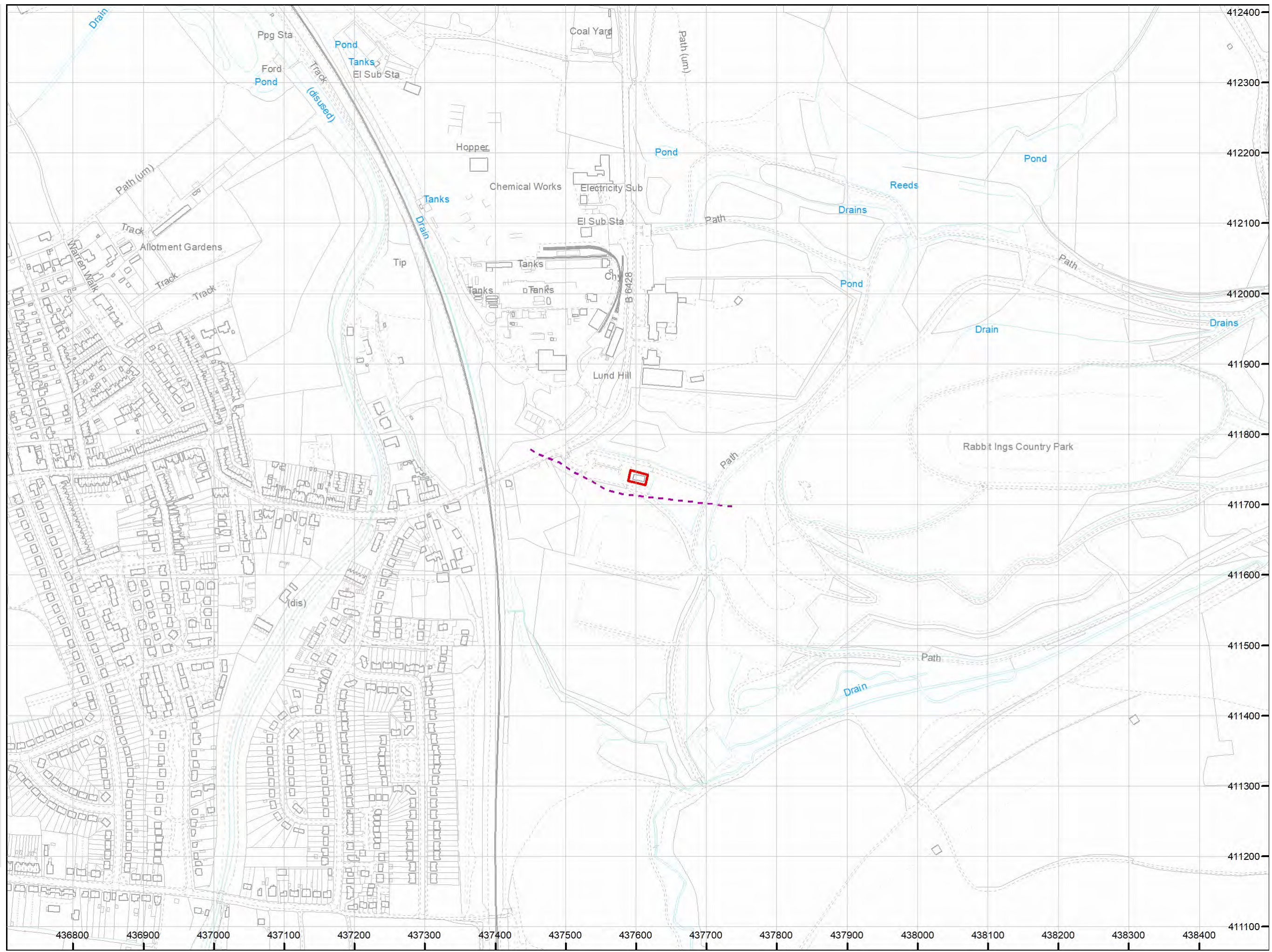
### **Payment to owners of former copyhold land**

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

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

**Key**

- Approximate position of the enquiry boundary shown 
- Outcrop (Conjectured) 



# **APPENDIX III**

## **Landmark Information Group – Envirocheck Report**



# Envirocheck<sup>®</sup> Report:

## Datasheet

### Order Details:

**Order Number:**

354740027\_1\_1

**Customer Reference:**

24-562

**National Grid Reference:**

437600, 411740

**Slice:**

A

**Site Area (Ha):**

0.04

**Search Buffer (m):**

1000

### Site Details:

Rabbit Ings Country Park, Lund Hill Lane

Royston

BARNSELY

S71 4BB

### Client Details:

Mr D McGrath

Arc Environmental Ltd

Unit 1

Elliot Court

St John's Road

Meadowfield

Durham

DH7 8PN

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	42
Hazardous Substances	53
Geological	54
Industrial Land Use	58
Sensitive Land Use	67
Data Currency	68
Data Suppliers	74
Useful Contacts	75

## 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/Natural Resources Wales 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 this 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 v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 4			6	18
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices	pg 10			1	
Integrated Pollution Controls	pg 10			6	
Integrated Pollution Prevention And Control	pg 11		5	7	3
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 17			1	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 17		Yes		
Pollution Incidents to Controlled Waters	pg 17			2	3
Prosecutions Relating to Authorised Processes	pg 18				1
Registered Radioactive Substances					
River Quality	pg 18			3	1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 19			3	2
Water Abstractions	pg 19			1	6
Water Industry Act Referrals	pg 21			1	
Groundwater Vulnerability Map	pg 21	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 21	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	pg 21		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 22		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 22		32	57	83

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites	pg 42			1	
Historical Landfill Sites	pg 42		1	7	3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 44				1
Licensed Waste Management Facilities (Locations)	pg 44				2
Local Authority Landfill Coverage	pg 45	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 45			4	4
Potentially Infilled Land (Non-Water)	pg 46		1		2
Potentially Infilled Land (Water)	pg 46			3	5
Registered Landfill Sites	pg 47			4	4
Registered Waste Transfer Sites	pg 50				1
Registered Waste Treatment or Disposal Sites	pg 50			1	6
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 53			1	
Planning Hazardous Substance Consents	pg 53			1	1
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 54	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 54	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 54			5	7
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 56	Yes	n/a	n/a	n/a
Mining Instability	pg 56	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 56	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 56	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 57		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 57	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 57		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 57	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 58		3	2	31
Fuel Station Entries					
Points of Interest - Commercial Services	pg 61				10
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 62		13	19	3
Points of Interest - Public Infrastructure	pg 64			2	9
Points of Interest - Recreational and Environmental	pg 65				3
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland					
Areas of Adopted Green Belt	pg 67	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 67	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 67		1		
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	52	1	437600 411800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	52	1	437603 411800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	84	1	437700 411750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (E)	84	1	437700 411738
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	89	1	437500 411738
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	95	1	437500 411700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	106	1	437500 411800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	134	1	437750 411750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	134	1	437750 411738
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	140	1	437450 411750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	146	1	437750 411800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	151	1	437450 411800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	175	1	437450 411850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	184	1	437800 411750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	184	1	437800 411738
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	188	1	437750 411600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	189	1	437400 411738
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	193	1	437800 411800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	202	1	437603 411950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	213	1	437800 411850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	217	1	437400 411850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	227	1	437800 411600



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	234	1	437850 411750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	234	1	437850 411738
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	245	1	437400 411900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	248	1	437350 411800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	257	1	437850 411850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	263	1	437350 411850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	270	1	437850 411600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	272	1	437450 411500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	296	1	437300 411800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	298	1	437500 411450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	302	1	437600 412050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	315	1	437350 411950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	316	1	437450 411450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	325	1	437900 411900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	329	1	437300 411900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	349	1	437350 412000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	352	1	437900 411950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	355	1	437300 411950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (NW)	374	1	437250 411900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	379	1	437600 411350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	387	1	437350 412050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	393	1	437950 411950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	403	1	437750 411350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	405	1	437850 411400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	420	1	437300 412050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	422	1	437950 412000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	422	1	437800 411350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	425	1	437250 412000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	427	1	437850 412100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	429	1	437750 412150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	429	1	437603 411300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	429	1	437600 411300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	437	1	437700 411300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	441	1	437200 411950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	452	1	437603 412200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	456	1	437650 412200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	456	1	437250 412050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	457	1	437300 412100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	462	1	438000 412000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	465	1	437700 412200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	466	1	437200 412000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (NE)	470	1	437850 412150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	472	1	438050 411550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	474	1	437450 412200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	477	1	437750 412200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	479	1	437600 411250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	480	1	437650 411250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	481	1	438050 411950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	483	1	437550 411250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SW (NE)	489	1	437950 412100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	491	1	437250 412100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	491	1	437400 412200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	492	1	437500 411250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (NE)	493	1	437800 412200
1	<b>Discharge Consents</b> Operator: Monckton Coke & Chemicals Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Royston Gas Works, Royston, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E122 Permit Version: 1 Effective Date: 1st October 1968 Issued Date: 1st October 1968 Revocation Date: 22nd July 1993 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Pools Dyke <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b> Positional Accuracy: Located by supplier to within 100m	A13SW (W)	291	2	437300 411700
2	<b>Discharge Consents</b> Operator: Monckton Coke & Chemical Co Ltd Property Type: Undefined Or Other Location: Monckton Coke And Chemical Works,Out, Let 1 Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E120 Permit Version: 1 Effective Date: 11th October 1968 Issued Date: 11th October 1968 Revocation Date: 15th May 1988 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Pools Dyke <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b> Positional Accuracy: Located by supplier to within 100m	A8NE (S)	437	2	437700 411300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p><b>Discharge Consents</b></p> <p>Operator: City Of Wakefield Mdc  Property Type: MINING OF COAL + LIGNITE  Location: Former Royston Drift Mine, Royston, Barnsley, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: 3744  Permit Version: 3  Effective Date: 29th May 1986  Issued Date: 29th May 1986  Revocation Date: 5th February 1993  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unknown  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	476	2	437980 412050
3	<p><b>Discharge Consents</b></p> <p>Operator: City Of Wakefield Mdc  Property Type: MINING OF COAL + LIGNITE  Location: Former Royston Drift Mine, Royston, Barnsley, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: 3744  Permit Version: 1  Effective Date: 22nd September 1983  Issued Date: 22nd September 1983  Revocation Date: 24th May 1986  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unknown  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	476	2	437980 412050
3	<p><b>Discharge Consents</b></p> <p>Operator: City Of Wakefield Mdc  Property Type: MINING OF COAL + LIGNITE  Location: Monckton No.4 &amp; No. 6 Pumping Stats Lund Hill Lane, Royston, Near Barnsley, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: 3744  Permit Version: 2  Effective Date: 25th May 1986  Issued Date: 25th May 1986  Revocation Date: 28th May 1986  Discharge Type: Trade Discharge - Process Water  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unknown  <b>Status: Transferred from COPA 1974</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	484	2	437990 412050
3	<p><b>Discharge Consents</b></p> <p>Operator: Monckton Coke &amp; Chemical Co Ltd  Property Type: MINING OF COAL + LIGNITE  Location: Monckton No.4 &amp; No. 6 Pumping Stats Lund Hill Lane, Royston, Near Barnsley, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: 3704  Permit Version: 1  Effective Date: 22nd September 1983  Issued Date: 22nd September 1983  Revocation Date: Not Supplied  Discharge Type: Trade Discharge - Process Water  Discharge: Canal  Environment:  Receiving Water: Barnsley Canal  <b>Status: Transferred from COPA 1974</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	484	2	437990 412050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Monckton Coke &amp; Chemical Co Ltd  Property Type: Undefined Or Other  Location: Monckton Coke And Chemical Works,Out, Let 1  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: E120  Permit Version: 3  Effective Date: 16th August 1995  Issued Date: 16th August 1995  Revocation Date: 4th February 2003  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of Pools Dyke  <b>Status: Revised Consent, by Notice (Section 37(1))</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	598	2	437200 412200
4	<p><b>Discharge Consents</b></p> <p>Operator: Monckton Coke &amp; Chemical Co Ltd  Property Type: Undefined Or Other  Location: Monckton Coke And Chemical Works,Out, Let 1  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: E120  Permit Version: 2  Effective Date: 16th May 1988  Issued Date: 16th May 1988  Revocation Date: 15th August 1995  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of Pools Dyke  <b>Status: Transferred from COPA 1974</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	598	2	437200 412200
4	<p><b>Discharge Consents</b></p> <p>Operator: Monckton Coke &amp; Chemical Co Ltd  Property Type: Undefined Or Other  Location: Monckton Coke And Chemical Works,Out, Let 1  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: E120  Permit Version: 1  Effective Date: 11th October 1968  Issued Date: 11th October 1968  Revocation Date: 15th May 1988  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of Pools Dyke  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	598	2	437200 412200
5	<p><b>Discharge Consents</b></p> <p>Operator: Monckton Coke &amp; Chemical Co Ltd  Property Type: MINING OF COAL + LIGNITE  Location: Ncb,Monckton No.4 Pumping Station M, Inewater  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: C3704  Permit Version: 1  Effective Date: 18th November 1988  Issued Date: 18th November 1988  Revocation Date: 15th September 2003  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Not Supplied  <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	658	2	437500 412400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Meadow Crescent Cso Opp 3 Meadow Crescent, Royston, Barnsley, South Yorkshire, S71 4dj  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: 3436  Permit Version: 3  Effective Date: 24th March 2010  Issued Date: 24th March 2010  Revocation Date: 30th March 2018  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of Pools Dike  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	702	2	436900 411600
6	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Meadow Crescent Cso Opp 3 Meadow Crescent, Royston, Barnsley, South Yorkshire, S71 4dj  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: 3436  Permit Version: 2  Effective Date: 22nd March 2010  Issued Date: 22nd February 2005  Revocation Date: 23rd March 2010  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of Pools Dike  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	702	2	436900 411600
6	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Meadow Crescent Cso Opp 3 Meadow Crescent, Royston, Barnsley, South Yorkshire, S71 4dj  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: 3436  Permit Version: 1  Effective Date: 5th March 1980  Issued Date: 5th March 1980  Revocation Date: 21st March 2010  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of Pools Dike  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	702	2	436900 411600
7	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Meadow Crescent Cso Opp 3 Meadow Crescent, Royston, Barnsley, South Yorkshire, S71 4dj  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: 3436  Permit Version: 4  Effective Date: 31st March 2018  Issued Date: 21st February 2018  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of Pools Dike  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	739	2	436895 411481

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p><b>Discharge Consents</b></p> <p>Operator: British Coal Corporation  Property Type: Undefined Or Other  Location: Royston Drift Mine, Royston, Barnsley  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: C4895  Permit Version: 1  Effective Date: 9th December 1987  Issued Date: 9th December 1987  Revocation Date: 7th November 1990  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Not Supplied  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	739	2	437100 412300
9	<p><b>Discharge Consents</b></p> <p>Operator: Mr A Wilcox  Property Type: Not Given  Location: Yorkshire Water Services Ltd, Carlton Road Depot, Rotherham Road, BARNSELY , S71 2AG  Authority: Environment Agency, North East Region  Catchment Area: Not Given  Reference: 41094000  Permit Version: Not Supplied  Effective Date: Not Supplied  Issued Date: Not Supplied  Revocation Date: Not Supplied  Discharge Type: Sewage Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Not Supplied  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	756	2	437200 412395
9	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Monckton Colliery Stw, Royston, Barnsley, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: E691  Permit Version: 2  Effective Date: 22nd July 1996  Issued Date: 22nd July 1996  Revocation Date: 28th July 2010  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Canal  Environment:  Receiving Water: Barnsley Canal  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	761	2	437200 412400
9	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Monckton Colliery Stw, Royston, Barnsley, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: E691  Permit Version: 1  Effective Date: 16th November 1981  Issued Date: 16th November 1981  Revocation Date: 21st July 1996  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Canal  Environment:  Receiving Water: Barnsley Canal  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	761	2	437200 412400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY)  Location: Monckton Colliery Stw, Royston, Barnsley, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: E691  Permit Version: 1  Effective Date: 16th November 1981  Issued Date: 16th November 1981  Revocation Date: 21st July 1996  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Canal  Environment:  Receiving Water: Barnsley Canal  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	761	2	437200 412400
10	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: Sewage Disposal Works  Location: Monckton Colliery Stw, Monckton Colliery, South Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Dearne  Reference: E691(SS)  Permit Version: Not Supplied  Effective Date: Not Supplied  Issued Date: Not Supplied  Revocation Date: Not Supplied  Discharge Type: Settled storm discharge - storm tank discharges  Discharge: Canal  Environment:  Receiving Water: Tributary Of Barnsley Canal  <b>Status: Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17NE (NW)	781	2	437250 412450
11	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Pools Lane Cso Near To Meadow Court, Royston, Barnsley, South Yorkshire, S71 4bw  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: C4871  Permit Version: 4  Effective Date: 21st November 2018  Issued Date: 21st November 2018  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Pools Dike  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	807	2	437657 410923
11	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Pools Lane Cso Near To Meadow Court, Royston, Barnsley, South Yorkshire, S71 4bw  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: C4871  Permit Version: 3  Effective Date: 24th March 2010  Issued Date: 24th March 2010  Revocation Date: 20th November 2018  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Pools Dike  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	833	2	437700 410900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Pools Lane Cso Near To Meadow Court, Royston, Barnsley, South Yorkshire, S71 4bw  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: C4871  Permit Version: 2  Effective Date: 22nd March 2010  Issued Date: 22nd February 2005  Revocation Date: 23rd March 2010  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Pools Dike  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	833	2	437700 410900
11	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Limited  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Pools Lane Cso Near To Meadow Court, Royston, Barnsley, South Yorkshire, S71 4bw  Authority: Environment Agency, North East Region  Catchment Area: Don Tributaries  Reference: C4871  Permit Version: 1  Effective Date: 18th November 1987  Issued Date: 18th November 1987  Revocation Date: 21st March 2010  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Pools Dike  <b>Status: Transferred from COPA 1974</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	833	2	437700 410900
12	<p><b>Enforcement and Prohibition Notices</b></p> <p>Location: Lund Mill Lane, Royston, Barnsley, South Yorkshire, S71 4bd  Permit Reference: Not Given  Enforcement Date: Not Supplied  Details: Notice Served To Ensure Emission Limits For Sulphur Dioxide Are Not Exceeded  Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	359	2	437565 412106
13	<p><b>Integrated Pollution Controls</b></p> <p>Name: Monckton Coke And Chemical Co Ltd  Location: P O Box 25, Lund Hill Lane, Royston, BARNSELY, South Yorkshire, S71 4BE  Authority: Environment Agency, North East Region  Permit Reference: A19419  Dated: 13th December 1993  Process Type: IPC minor (non-substantial) variation to previous variation  Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry  <b>Status: Authorisation superseded by a substantial or non substantial variation</b>  Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	399	2	437550 412145
13	<p><b>Integrated Pollution Controls</b></p> <p>Name: Monckton Coke And Chemical Co Ltd  Location: Po Box 25, BARNSELY, South Yorkshire, S71 4BE  Authority: Environment Agency, North East Region  Permit Reference: Bk0663  Dated: 8th December 2000  Process Type: IPC minor (non-substantial) variation to previous variation  Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry  <b>Status: Revoked - Now IPPC</b>  Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	404	2	437550 412150
13	<p><b>Integrated Pollution Controls</b></p> <p>Name: Monckton Coke And Chemical Co Ltd  Location: P O Box 25, Lund Hill Lane, Royston, BARNSELY, South Yorkshire, S71 4BE  Authority: Environment Agency, North East Region  Permit Reference: Bi8620  Dated: 28th June 2000  Process Type: IPC minor (non-substantial) variation to previous variation  Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry  <b>Status: Authorisation superseded by a substantial or non substantial variation</b>  Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	404	2	437550 412150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p><b>Integrated Pollution Controls</b></p> <p>Name: Monckton Coke And Chemical Co Ltd            Location: Po Box 25, Lund Hill Lane, Royston, BARNSELEY, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: BD7855            Dated: 24th November 1998            Process Type: IPC minor (non-substantial) variation to previous variation            Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry  <b>Status:</b> <b>Authorisation superseded by a substantial or non substantial variation</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	404	2	437550 412150
13	<p><b>Integrated Pollution Controls</b></p> <p>Name: Monckton Coke And Chemical Co Ltd            Location: P O Box 25, Lund Hill Lane, Royston, BARNSELEY, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: AF7835            Dated: 31st December 1992            Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation            Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry  <b>Status:</b> <b>Authorisation superseded by a substantial or non substantial variation</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	408	2	437555 412155
13	<p><b>Integrated Pollution Controls</b></p> <p>Name: Monckton Coke And Chemical Co Ltd            Location: P O Box 25, Lund Hill Lane, Royston, BARNSELEY, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: AX2901            Dated: 26th February 1998            Process Type: IPC minor (non-substantial) variation to previous variation            Description: 1.2 A (A) Carbonisation and associated processes within the Fuel &amp; Power Industry  <b>Status:</b> <b>Authorisation superseded by a substantial or non substantial variation</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	409	2	437550 412155
14	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke And Chemical Company Limited            Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: NP3934VD            Original Permit Ref: Bk3441ia            Effective Date: Not Supplied  <b>Status:</b> <b>Valid</b>            Application Type: Variation            App. Sub Type: Substantial            Positional Accuracy: Manually positioned within the geographical locality            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: Y            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: N            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: N            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N</p>	A13NW (W)	99	2	437498 411779

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke And Chemical Co Ltd            Location: Po Box 25, Royston, Barnsley, South Yorkshire, S71 4be            Authority: Environment Agency, North East Region            Permit Reference: Bu3612            Original Permit Ref: Bk3441            Effective Date: 22nd April 2003  <b>Status: Superseded By Variation</b>            Application Type: PPC MINOR VARIATION            App. Sub Type: Not Supplied            Positional Accuracy: Manually positioned to the address or location            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: Not Supplied            Activity Code: 1.2 A(1) (C)            Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens            Primary Activity: Not Supplied            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: Not Supplied            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: Not Supplied            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: Not Supplied</p>	A13NW (N)	182	2	437586 411930
16	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke And Chemical Company Limited            Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: HP3239EW            Original Permit Ref: Bk3441ia            Effective Date: 17th January 2014  <b>Status: Superseded By Variation</b>            Application Type: Variation            App. Sub Type: Standard            Positional Accuracy: Manually positioned within the geographical locality            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: Y            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: N            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N            Activity Code: 1.2 Part A (1) b) (A) 2017            Activity Description: Operating coke ovens &gt; 250 tonnes            Primary Activity: N            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: N            Activity Code: 1.2 A(1) (C)            Activity Description: Gasification, Liquifac And Refining            Primary Activity: N</p>	A13NW (N)	221	2	437547 411965

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke &amp; Chemical Company Ltd            Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: Mp3636sn            Original Permit Ref: Bk3441ia            Effective Date: 16th December 2005  <b>Status: Superseded By Variation</b>            Application Type: Variation            App. Sub Type: Standard            Positional Accuracy: Manually positioned within the geographical locality            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: Y            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: N            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: N</p>	A13NW (N)	225	2	437541 411967
16	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke And Chemical Co Ltd            Location: Po Box 25, Royston, Barnsley, South Yorkshire, S71 4be            Authority: Environment Agency, North East Region            Permit Reference: Bv0031            Original Permit Ref: Bk3441            Effective Date: 11th June 2003  <b>Status: Superseded By Variation</b>            Application Type: PPC MINOR VARIATION            App. Sub Type: Not Supplied            Positional Accuracy: Manually positioned to the address or location            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: Not Supplied            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: Not Supplied            Activity Code: 1.2 A(1) (C)            Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens            Primary Activity: Not Supplied            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: Not Supplied            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: Not Supplied</p>	A13NW (N)	242	2	437543 411985
16	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke And Chemical Co Ltd            Location: Po Box 25, Royston, Barnsley, South Yorkshire, S71 4be            Authority: Environment Agency, North East Region            Permit Reference: Bv3375            Original Permit Ref: Bk3441            Effective Date: 11th September 2003  <b>Status: Superseded By Variation</b>            Application Type: PPC MINOR VARIATION            App. Sub Type: Not Supplied            Positional Accuracy: Manually positioned to the address or location            Activity Code: 1.2 A(1) (C)            Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens            Primary Activity: Not Supplied            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: Not Supplied            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: Not Supplied            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: Not Supplied            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: Not Supplied</p>	A13NW (NW)	252	2	437501 411983

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke &amp; Chemical Company Ltd            Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: Bu3612iw            Original Permit Ref: Bk3441ia            Effective Date: 22nd April 2003  <b>Status: Superseded By Variation</b>            Application Type: Variation            App. Sub Type: Minor            Positional Accuracy: Manually positioned within the geographical locality            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: N            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: N            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: N            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N            Activity Code: 1.2 A(1) c) (A)            Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens            Primary Activity: Y</p>	A18SW (N)	345	2	437595 412093
18	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke &amp; Chemical Company Limited            Location: The Monckton Coke And Chemical Co Ltd, Monckton Coke &amp; Chemical Co Ltd, The Monckton Coke And Chemical Co Ltd, Lund Hill Lane, Royston,, Barnsley, County Durham, S71 4BD            Authority: Environment Agency, North East Region            Permit Reference: Bk3441ia            Original Permit Ref: Bk3441ia            Effective Date: 18th January 2018  <b>Status: Surrendered</b>            Application Type: Surrender            App. Sub Type: Not Supplied            Positional Accuracy: Located by supplier to within 100m            Activity Code: 1.2 A(1) (C)            Activity Description: Gasification, Liquifac And Refining            Primary Activity: Y            Activity Code: 3.5 B (B) (I)            Activity Description: Any Of The Following Activities Unless Carried On At An Exempt Location - Crushing, Grinding Or Otherwise Breaking Up Coal, Coke Or Any Other Coal Product - 3.5 B B) (I)            Primary Activity: N            Activity Code: 1.1 B (A)            Activity Description: Burning Any Fuel In A Furnace With A Net Rated Thermal Input Of 20 Or More Megawatts, But A Rated Thermal Input Of Less Than 50 Megawatts. - 1.1 B A)            Primary Activity: N            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: N            Activity Code: 1.2 Part A (1) b) (A) 2017            Activity Description: Gasification, Liquifac. And Refining; Reforming Natural Gas            Primary Activity: N</p>	A18SW (N)	452	2	437600 412200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke &amp; Chemical Company Ltd            Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: Bx3821is            Original Permit Ref: Bk3441ia            Effective Date: 13th February 2004  <b>Status: Superseded By Variation</b>            Application Type: Variation            App. Sub Type: Minor            Positional Accuracy: Located by supplier to within 100m            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: N            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: N            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: Y</p>	A18SW (N)	452	2	437600 412200
18	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke &amp; Chemical Company Ltd            Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: Bv3375ib            Original Permit Ref: Bk3441ia            Effective Date: 11th September 2003  <b>Status: Superseded By Variation</b>            Application Type: Variation            App. Sub Type: Minor            Positional Accuracy: Located by supplier to within 100m            Activity Code: 1.2 A(1) c) (A)            Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens            Primary Activity: N            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: Y            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: N            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: N</p>	A18SW (N)	452	2	437600 412200
18	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke &amp; Chemical Company Ltd            Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: Bv0031im            Original Permit Ref: Bk3441ia            Effective Date: 11th June 2003  <b>Status: Superseded By Variation</b>            Application Type: Variation            App. Sub Type: Minor            Positional Accuracy: Located by supplier to within 100m            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: N            Activity Code: 1.2 A(1) c) (A)            Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens            Primary Activity: N            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: Y            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: N</p>	A18SW (N)	452	2	437600 412200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke And Chemical Company Limited            Location: THE MONCKTON COKE AND CHEMICAL CO LTD EAEP RBK3441IAV010, PO Box 25, Royston, South Yorkshire, S71 4BE            Authority: Environment Agency, North East Region            Permit Reference: PP3639KE            Original Permit Ref: Bk3441ia            Effective Date: 22nd July 2009  <b>Status: Superseded By Variation</b>            Application Type: Variation            App. Sub Type: Minor            Positional Accuracy: Manually positioned within the geographical locality            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: N            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: N            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: Y            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N</p>	A18SW (N)	490	2	437586 412238
19	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Monckton Coke And Chemical Company Limited            Location: The Monckton Coke And Chemical Co Ltd, Monckton Coke &amp; Chemical Co Ltd, Lund Hill Lane,Royston,, Barnsley, South Yorkshire, S71 4BD            Authority: Environment Agency, North East Region            Permit Reference: FP3533JN            Original Permit Ref: Bk3441ia            Effective Date: 18th January 2018  <b>Status: Surrender Effective</b>            Application Type: Surrender            App. Sub Type: Whole            Positional Accuracy: Automatically positioned to the address            Activity Code: 1.2 A(1) (C)            Activity Description: Gasification, Liquifac And Refining            Primary Activity: Y            Activity Code: 1.1 B (A)            Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)            Primary Activity: N            Activity Code: 4.2 A(1) (A) (III)            Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide            Primary Activity: N            Activity Code: 1.2 Part A (1) b) (A) 2017            Activity Description: Operating coke ovens &gt; 250 tonnes            Primary Activity: N            Activity Code: 4.1 A(1) (A) (I)            Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics            Primary Activity: N            Activity Code: 3.5 B (B) (I)            Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)            Primary Activity: N</p>	A18NW (N)	709	2	437524 412454
20	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: C K Beckett            Location: C K Beckett Oil Processing, Carlton EPR/XP3536UB, C K BECKETT,Boulder Bridge Lane, Carlton,, Barnsley, South Yorkshire, S71 3HJ            Authority: Environment Agency, North East Region            Permit Reference: QP3439VQ            Original Permit Ref: Xp3536ub            Effective Date: 14th March 2014  <b>Status: Effective</b>            Application Type: Variation            App. Sub Type: Minor            Positional Accuracy: Automatically positioned to the address            Activity Code: 5.3 A(1) a) (ii)            Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT            Primary Activity: Y            Activity Code: 0.0 Associated Process            Activity Description: Associated Process            Primary Activity: N            Activity Code: 5.6 A(1) a)            Activity Description: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY &gt; 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED            Primary Activity: N</p>	A8SE (S)	943	2	437628 410786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Malcolm Christopher Beckett And Kevin Richard Beckett            Location: C K Beckett Oil Processing, Carlton Epr/Xp3536ub, C K Beckett, C K Beckett Oil Processing, Carlton Epr/Xp3536ub, Boulder Bridge Lane, Carlton,, Barnsley, S71 3HJ            Authority: Environment Agency, North East Region            Permit Reference: XP3536UB            Original Permit Ref: Xp3536ub            Effective Date: 14th March 2014  <b>Status: Effective</b>            Application Type: Variation (Minor Technical)            App. Sub Type: Not Supplied            Positional Accuracy: Automatically positioned to the address            Activity Code: 5.3 A(1) a) (ii)            Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT            Primary Activity: Y            Activity Code: 5.6 A(1) a)            Activity Description: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY &gt; 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED            Primary Activity: N            Activity Code: 0.0 Associated Process            Activity Description: Directly Associated Activity (Included)            Primary Activity: N</p>	A8SE (S)	943	2	437628 410786
21	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Yorkshire Minerals &amp; Reclamation            Location: Lundhill Lane, Royston, Barnsley            Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards            Permit Reference: Not Supplied            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG3/5 Coal, coke and coal product processes  <b>Status: Application Withdrawn</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (N)	274	3	437593 412022
22	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: D Harding Motors            Location: 162 Midland Road, Royston, Barnsley, S71 4PX            Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards            Permit Reference: PPC/B/110            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12SW (W)	904	3	436686 411696
	<p><b>Nearest Surface Water Feature</b></p>	A13SE (E)	9	-	437624 411731
23	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises            Location: Edderthorpe Lane/Rail Viadct Dearne 11            Authority: Environment Agency, North East Region            Pollutant: Miscellaneous - No Visible Pollution/Nothing Found            Note: Not Supplied            Incident Date: 11th November 1994            Incident Reference: 153634            Catchment Area: Not Given            Receiving Water: Freshwater Stream/River            Cause of Incident: Not Given            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A12SE (W)	390	2	437200 411700
24	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Foul Sewer            Location: Edderthorpe Lane/Rail Viadct Dearne 11            Authority: Environment Agency, North East Region            Pollutant: Unknown Sewage            Note: Not Supplied            Incident Date: 5th June 1994            Incident Reference: 152175            Catchment Area: Not Given            Receiving Water: Freshwater Stream/River            Cause of Incident: Not Given            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	442	2	437700 411295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: Barnsley Canal At Royston Authority: Environment Agency, North East Region Pollutant: Low Dissolved Oxygen Note: No Fish Killed Incident Date: 10th January 1995 Incident Reference: SH950107 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	795	2	437000 411200
26	<b>Pollution Incidents to Controlled Waters</b> Property Type: Water Company Sewage: Storm Overflow Location: Cudworth Dyke Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: No Fish Killed Incident Date: 3rd August 1997 Incident Reference: SH970427 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	829	2	437600 410900
27	<b>Pollution Incidents to Controlled Waters</b> Property Type: Water Company Sewage: Storm Overflow Location: Cudworth Dyke At, Boulder Bridge Authority: Environment Agency, North East Region Pollutant: Surcharged Sewage Note: No Fish Killed Incident Date: 3rd August 1997 Incident Reference: SH970433 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	936	2	436900 411100
28	<b>Prosecutions Relating to Authorised Processes</b> Location: Lundhill Lane, Royston, S71 Prosecution Text: Breaching sulphur dioxide emission limits Prosecution Act: Ppc2000 S32(1)(B) & (2) Hearing Date: 8th May 2005 Verdict: Guilty Fine: 13500 Costs: 2400 Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	702	2	437577 412450
	<b>River Quality</b> Name: Cudworth_Dyke GQA Grade: River Quality E Reach: South_Hiendley_Pools_Dyk Estimated Distance (km): 2.7 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A8NE (S)	416	2	437726 411328
	<b>River Quality</b> Name: Cudworth_Dyke GQA Grade: River Quality E Reach: Pools_Dyke_Barnsley_Canal_(Dis Estimated Distance (km): 2.7 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A8NE (S)	418	2	437700 411320
	<b>River Quality</b> Name: Barnsley_Canal_(Disused) GQA Grade: Not Supplied Reach: Split_Cudworth_Dyk Estimated Distance (km): 3.1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A12NE (W)	497	2	437095 411788

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>River Quality</b> Name: Barnsley_Canal_(Disused) GQA Grade: River Quality F Reach: Wintersett_Reservoir_Spli Estimated Distance (km): 2.4 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A17SE (NW)	769	2	437153 412379
29	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 20th February 2004 Incident Reference: 218125 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 100m Pollutant: Inorganic Chemicals : Other	A13NW (N)	268	2	437500 412000
29	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 25th February 2004 Incident Reference: 218987 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Chemical Odour	A13NW (NW)	284	2	437477 412008
30	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 2nd July 2006 Incident Reference: 412428 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Dust	A13NW (N)	277	2	437533 412019
31	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 10th April 2004 Incident Reference: 228832 Water Impact: Category 3 - Minor Incident Air Impact: Category 2 - Significant Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke	A18SE (N)	578	2	437671 412321
32	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 10th May 2005 Incident Reference: 311149 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke Specific Waste Materials: Tyres	A8SE (S)	804	2	437770 410940
33	<b>Water Abstractions</b> Operator: Monckton Coke & Chemical Company Limited Licence Number: 2/27/08/069 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 277 Yearly Rate (m3): 83192 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	410	2	437770 411350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<p><b>Water Abstractions</b></p> <p>Operator: Monkton Coke &amp; Chemical Company Limited  Licence Number: 2/27/08/093  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, North East Region  Abstraction: Cooling/Gen Ind.  Abstraction Type: Not Supplied  Source: Surface  Daily Rate (m3): 1140  Yearly Rate (m3): 417000  Details: Licence Revoked  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	679	2	437400 412400
35	<p><b>Water Abstractions</b></p> <p>Operator: Monckton Coke &amp; Chemical Co Ltd  Licence Number: 2/27/08/068  Permit Version: 102  Location: Aire And Calder Navigation (Old) - Barnsley  Authority: Environment Agency, North East Region  Abstraction: Chemicals: General Use (High Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Monckton Coke &amp; Chemical Company Limited, Lundhill Lane, Royston, Barnsley  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 21st January 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	805	2	437080 412370
35	<p><b>Water Abstractions</b></p> <p>Operator: Monckton Coke &amp; Chemical Co Ltd  Licence Number: 2/27/08/068  Permit Version: 101  Location: Aire And Calder Navigation (Old) - Barnsley  Authority: Environment Agency, North East Region  Abstraction: Chemicals: General Use (High Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Monckton Coke &amp; Chemical Company Limited, Lundhill Lane, Royston, Barnsley  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 10th October 2003  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	805	2	437080 412370
35	<p><b>Water Abstractions</b></p> <p>Operator: Monckton Coke &amp; Chemical Company Limited  Licence Number: 2/27/08/068  Permit Version: 100  Location: Aire And Calder Navigation (Old) - Barnsley  Authority: Environment Agency, North East Region  Abstraction: Chemicals: General Cooling (Existing Licences Only) (High Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): 441  Yearly Rate (m3): 132000  Details: Monckton Coke &amp; Chemical Company Limited, Lundhill Lane, Royston, Barnsley  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 27th March 1998  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	805	2	437080 412370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<p><b>Water Abstractions</b></p> <p>Operator: Monckton Coke &amp; Chemical Company Limited  Licence Number: 2/27/08/068  Permit Version: 100  Location: Aire And Calder Navigation (Old) - Barnsley  Authority: Environment Agency, North East Region  Abstraction: Chemicals: General Use (High Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Monckton Coke &amp; Chemical Company Limited, Lundhill Lane, Royston, Barnsley  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 27th March 1998  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	805	2	437080 412370
36	<p><b>Water Abstractions</b></p> <p>Operator: Burnett &amp; Hallamshire Fuel Limited  Licence Number: 2/27/08/100  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, North East Region  Abstraction: General Industrial  Abstraction Type: Not Supplied  Source: Surface  Daily Rate (m3): 140  Yearly Rate (m3): 35280  Details: Licence Revoked  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	871	2	437680 410860
37	<p><b>Water Industry Act Referrals</b></p> <p>Name: Monckton Coke And Chemical Co Ltd  Location: MONCKTON COKE AND CHEMICAL CO LTD, PO BOX 25,HOSPITAL STREET, ROYSTON, BARNSELY, SOUTH YORKSHIRE, S71 4BE  Authority: Environment Agency, North East Region  Permit Reference: AH3580  Dated: 18th December 1992  Process Type: Permissions or amendments to discharge under the Water Industry Act 1991  Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations  <b>Status: Application received by the EA but is not yet authorised</b>  Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SW (N)	373	2	437591 412121
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability  Combined Vulnerability: High  Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer  Pollutant Speed: High  Bedrock Flow: Well Connected Fractures  Dilution: &lt;300 mm/year  Baseflow Index: &lt;40%  Superficial Patchiness: &lt;90%  Superficial Thickness: &lt;3m  Superficial Recharge: No Data</p>	A13SE (SE)	0	4	437603 411738
	<p><b>Groundwater Vulnerability - Soluble Rock Risk</b></p> <p>None</p>				
	<p><b>Bedrock Aquifer Designations</b></p> <p>Aquifer Designation: Secondary Aquifer - A</p>	A13SE (SE)	0	4	437603 411738
	<p><b>Superficial Aquifer Designations</b></p> <p>No Data Available</p>				
	<p><b>Extreme Flooding from Rivers or Sea without Defences</b></p> <p>Type: Extent of Extreme Flooding from Rivers or Sea without Defences  Flood Plain Type: Fluvial Models  Boundary Accuracy: As Supplied</p>	A13SE (E)	91	2	437700 411700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (E)	95	2	437707 411715
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 26.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (E)	9	5	437624 411731
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 147.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	13	5	437617 411716
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	13	5	437617 411716
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 171.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (N)	19	5	437609 411764
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (E)	88	5	437701 411718
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 193.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (E)	105	5	437714 411701
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	143	5	437701 411615

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	143	5	437701 411615
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	149	5	437702 411609
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	149	5	437708 411613
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 91.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	154	5	437713 411611
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	157	5	437704 411600
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (E)	167	5	437779 411780
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	172	5	437704 411583
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 55.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (E)	173	5	437784 411785
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 95.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	174	5	437704 411579



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 175.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A13SW (W)	185	5	437407 411699
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 160.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (E)	192	5	437808 411739
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 115.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A13NW (W)	199	5	437393 411769
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	212	5	437428 411597
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (E)	227	5	437832 411812
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 145.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (E)	227	5	437832 411812
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 54.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	238	5	437440 411549
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 21.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	238	5	437440 411549
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A13SE (S)	239	5	437662 411495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (E)	240	5	437847 411676
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 258.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (E)	240	5	437847 411676
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 94.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	240	5	437380 411615
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (E)	241	5	437848 411675
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 21.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	244	5	437761 411534
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 194.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (S)	245	5	437673 411491
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 615.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (E)	250	5	437855 411667
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 53.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	253	5	437418 411548
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 192.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	262	5	437365 411880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	263	5	437785 411530
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 95.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	264	5	437778 411522
74	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 161.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	268	5	437459 411500
75	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 202.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (W)	272	5	437325 411669
76	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 99.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	280	5	437750 411484
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 154.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (W)	281	5	437308 411738
78	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 40.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	294	5	437365 411544
79	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 173.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SW (SW)	314	5	437374 411505
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 565.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (E)	319	5	437929 411806



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8NW (S)	344	5	437564 411388
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8NW (S)	344	5	437564 411388
83	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 21.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8NW (S)	345	5	437561 411387
84	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 63.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	345	5	437757 411415
85	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	346	5	437746 411410
86	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 76.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	346	5	437828 411457
87	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 45.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SE (N)	347	5	437626 412093
88	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	348	5	437866 411489
89	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	348	5	437866 411489

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	349	5	437743 411404
91	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 46.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13SE (SE)	350	5	437871 411493
92	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 410.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A13SE (SE)	350	5	437871 411493
93	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 2687.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Barnsley Canal Catchment Name: Don and Rother Primacy: 1	A12SE (W)	353	5	437236 411736
94	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 149.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	355	5	437919 411928
95	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SE (N)	359	5	437671 412098
96	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SE (N)	360	5	437676 412099
97	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 333.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A18SE (N)	360	5	437676 412099
98	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 30.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A8NE (S)	361	5	437735 411389

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 125.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8NW (S)	362	5	437590 411368
100	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 26.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8NW (S)	362	5	437587 411367
101	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8NW (S)	362	5	437590 411368
102	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 8.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8NW (S)	367	5	437560 411365
103	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 131.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SE (NE)	380	5	437755 412096
104	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A8NE (S)	384	5	437724 411361
105	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 140.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A13SE (SE)	385	5	437890 411461
106	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	390	5	437871 412038
107	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 158.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A8NE (S)	393	5	437744 411358



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	399	5	437893 412030
109	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A13SE (SE)	406	5	437873 411417
110	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 107.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A13SE (SE)	406	5	437873 411417
111	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 179.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sandybridge Dike Catchment Name: Don and Rother Primacy: 1	A8NE (SE)	410	5	437792 411360
112	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 163.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sandybridge Dike Catchment Name: Don and Rother Primacy: 1	A8NE (SE)	412	5	437849 411390
113	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 138.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	426	5	437305 412063
114	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 34.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sandybridge Dike Catchment Name: Don and Rother Primacy: 1	A8NE (S)	432	5	437689 411304
115	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 77.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NE (NE)	433	5	437930 412041
116	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: Underground Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8NE (S)	435	5	437660 411296



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8NE (S)	435	5	437660 411296
118	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 83.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8NE (S)	440	5	437652 411291
119	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 407.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12SE (SW)	445	5	437211 411500
120	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 39.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A14SW (SE)	456	5	437975 411451
121	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 137.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sandybridge Dike Catchment Name: Don and Rother Primacy: 1	A14SW (SE)	488	5	438005 411438
122	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 157.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sandybridge Dike Catchment Name: Don and Rother Primacy: 2	A14SW (SE)	488	5	438005 411438
123	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NW (NE)	489	5	437987 412061
124	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 112.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NW (NE)	489	5	437987 412061
125	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	497	5	437983 412079

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	500	5	437981 412085
127	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 26.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	506	5	437955 412119
128	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	506	5	437955 412119
129	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8NE (S)	513	5	437628 411216
130	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 222.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8NE (S)	515	5	437628 411213
131	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 163.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	520	5	437946 412144
132	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 21.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	583	5	438095 412076
133	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 29.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SE (NE)	586	5	437852 412279
134	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 100.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SE (NE)	587	5	437854 412279

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 384.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sandybridge Dike Catchment Name: Don and Rother Primacy: 1	A14SW (SE)	588	5	438139 411465
136	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 277.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A14NW (E)	602	5	438201 411885
137	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 72.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	603	5	438105 412095
138	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 416.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SE (NE)	607	5	437845 412304
139	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 222.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SW (E)	641	5	438257 411727
140	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 119.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	673	5	438154 412147
141	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 168.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8NE (S)	680	5	437858 411094
142	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 184.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SE (N)	683	5	437866 412378
143	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 397.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SE (N)	683	5	437866 412378



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
144	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: Underground Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8SE (S)	702	5	437680 411030
145	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 122.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8SE (S)	714	5	437677 411018
146	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 279.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (NW)	729	5	437316 412423
147	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 66.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	739	5	438355 411734
148	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 166.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	758	5	438328 412002
149	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 90.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	761	5	438339 411979
150	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 133.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	776	5	438375 411905
151	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 29.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	780	5	438395 411709
152	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 250.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A19SW (NE)	785	5	438229 412232

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 177.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17SE (NW)	788	5	437055 412325
154	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	805	5	438420 411726
155	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 146.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	805	5	438420 411726
156	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 108.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A18NW (N)	807	5	437445 412542
157	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 142.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8SE (S)	809	5	437659 410921
158	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 182.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SE (S)	809	5	437659 410921
159	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NE (N)	810	5	437826 412524
160	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 62.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NE (N)	812	5	437825 412527
161	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 80.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A18NW (N)	813	5	437410 412540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	824	5	438436 411832
163	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	826	5	438437 411832
164	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 143.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A18NW (N)	830	5	437330 412535
165	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 130.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	831	5	438443 411829
166	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 100.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A18NW (N)	834	5	437507 412578
167	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	835	5	438424 411953
168	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 282.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A12SW (W)	837	5	436809 411431
169	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 94.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SW (S)	853	5	437483 410886
170	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 111.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SE (S)	880	5	437861 410884



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
171	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 78.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SE (S)	880	5	437861 410884
172	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A17NE (NW)	881	5	437186 412530
173	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: Underground Permanent: True Watercourse Name: Sandybridge Dike Catchment Name: Don and Rother Primacy: 1	A14SE (E)	883	5	438489 411615
174	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 135.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SW (S)	883	5	437389 410875
175	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	885	5	437591 412634
176	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1454.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	886	5	437592 412635
177	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 387.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17NE (NW)	890	5	437164 412528
178	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 160.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Sandybridge Dike Catchment Name: Don and Rother Primacy: 1	A14SE (E)	893	5	438499 411607
179	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 331.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SE (S)	898	5	437939 410892



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
180	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 23.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	903	5	438489 411976
181	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	910	5	438489 411999
182	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 81.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SE (S)	911	5	437765 410830
183	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 188.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7SE (SW)	913	5	437077 410978
184	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 73.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7SE (SW)	916	5	437048 410995
185	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	917	5	438498 411993
186	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	925	5	438508 411987
187	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 74.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7SE (SW)	926	5	436978 411038
188	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7SE (SW)	926	5	436981 411036



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
189	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	927	5	438512 411980
190	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 124.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7SE (SW)	928	5	437194 410895
191	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7SE (SW)	932	5	436982 411027
192	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	937	5	438553 411777
193	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 167.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pools Dike Catchment Name: Don and Rother Primacy: 1	A8SE (S)	938	5	437693 410794
194	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A8SW (S)	940	5	437282 410846
195	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7SE (SW)	941	5	436974 411021
196	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	942	5	436915 411076
197	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 150.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7SE (SW)	953	5	436944 411032

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
198	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 42.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	955	5	436898 411075
199	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17NE (NW)	962	5	436939 412455
200	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 40.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A17NE (NW)	962	5	436939 412455
201	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 161.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A7NW (SW)	980	5	436857 411082
202	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 246.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17SW (NW)	986	5	436819 412360
203	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	988	5	438567 412012
204	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17NW (NW)	994	5	436906 412467
205	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 543.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Barnsley Canal Catchment Name: Don and Rother Primacy: 1	A17NE (NW)	995	5	436967 412523
206	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17NE (NW)	995	5	436967 412523

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
207	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17NW (NW)	996	5	436905 412469
208	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 2	A17NW (NW)	999	5	436926 412493
209	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17NE (NW)	1000	5	436928 412496

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	<p><b>BGS Recorded Landfill Sites</b></p> <p>Site Name: Poplet Terrace            Location: ROYSTON, Yorks            Authority: British Geological Survey, National Geoscience Information Service            Ground Water: Information not available            Surface Water: Information not available            Geology: N/A            Positional Accuracy: Positioned by the supplier            Boundary Accuracy: Derived</p>	A12NE (NW)	462	-	437168 411931
211	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Mr D Heeley            Location: Royston, Barnsley            Name: Land Off Cross Lane            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD04275            First Input Date: 31st December 1992            Last Input Date: 31st December 1994            Specified Waste Type: Deposited Waste included Household Waste            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: Not Supplied            BGS Ref: Not Supplied            Other Ref: Not Supplied</p>	A13SW (W)	232	2	437366 411670
212	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Royston            Name: Poplar Terrace            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD03781            First Input Date: Not Supplied            Last Input Date: Not Supplied            Specified Waste Type: Not Supplied            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: Not Supplied            BGS Ref: Not Supplied            Other Ref: 4400/(72), 4700/0072</p>	A13NW (W)	286	2	437325 411851
213	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Monckton Coke and Chemicals Limited            Location: Cudworth North, Shaw Lane            Name: Disused Workings            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD03852            First Input Date: Not Supplied            Last Input Date: Not Supplied            Specified Waste Type: Not Supplied            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 4700/0161            BGS Ref: Not Supplied            Other Ref: 4700/0161</p>	A13SE (E)	294	2	437904 411687
214	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Burns Construction Limited            Location: Royston, Barnsley            Name: Land off Midland Road            Operator Location: Off Midland Road, Royston, Barnsley            Boundary Accuracy: As Supplied            Provider Reference: EAHLD04274            First Input Date: 5th September 1990            Last Input Date: 31st December 1997            Specified Waste Type: Deposited Waste included Inert and Commercial Waste            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 4400/0570            BGS Ref: Not Supplied            Other Ref: 4400/B768, 20B768</p>	A12NE (W)	369	2	437220 411739

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
215	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Burns Construction Limited            Location: Royston, Barnsley            Name: Business Premises off Midland Road            Operator Location: Off Midland Road, Royston, Barnsley            Boundary Accuracy: As Supplied            Provider Reference: EAHLD04915            First Input Date: 11th June 1984            Last Input Date: 22nd December 1986            Specified Waste: Deposited Waste included Inert and Commercial Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 4400/0494            BGS Ref: Not Supplied            Other Ref: 4400/B428, 20B428(92), WD20 B428</p>	A12NE (W)	369	2	437220 411739
216	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Barnsley Metropolitan Borough Council or B D R Waste Disposal Limited            Location: Near Pools Dyke, Shaw Lane, Carlton            Name: Cudworth North Junction            Operator Location: Public Services Department, Cleansing Division, Smithies Lane, Barnsley            Boundary Accuracy: As Supplied            Provider Reference: EAHLD04925            First Input Date: 31st December 1983            Last Input Date: 31st December 1995            Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 4400/0562            BGS Ref: Not Supplied            Other Ref: 2B22, 2B1(3), WD20 B1035, WD2C3, 20B1035, WD2 B1, 4400/B22, CD3, 4400/0406, WD2 B22</p>	A8NE (SE)	412	2	437849 411391
217	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Royston Urban District Council / Barnsley Metropolitan Borough Council            Location: Royston, Barnsley            Name: Poplar Terrace            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD04273            First Input Date: 31st December 1949            Last Input Date: 31st December 1980            Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste, and Liquid Sludge            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 4400/0409            BGS Ref: Not Supplied            Other Ref: 2B5(6), 4400/B5, WD2 B5</p>	A12NE (NW)	459	2	437192 411974
218	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Cudworth North, Shaw Lane            Name: Disused Workings            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD04788            First Input Date: Not Supplied            Last Input Date: Not Supplied            Specified Waste: Not Supplied            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: Not Supplied            BGS Ref: Not Supplied            Other Ref: 4400/(161)</p>	A14NW (E)	495	2	438091 411885

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
219	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Royston, Yorkshire            Name: Royston Refuse Tip            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD31730            First Input Date: 31st December 1963            Last Input Date: Not Supplied            Specified Waste: Deposited Waste included Commercial Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: Not Supplied            BGS Ref: 2666            Other Ref: Not Supplied</p>	A17SE (NW)	559	2	437197 412144
220	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: E Borad and C White            Location: Carlton, Royston, Barnsley            Name: Land off Cronkhill Lane            Operator Location: 4 Vicarage Lane, Royston, Barnsley, South Yorkshire            Boundary Accuracy: As Supplied            Provider Reference: EAHLD04276            First Input Date: 31st March 1986            Last Input Date: 12th September 1990            Specified Waste: Deposited Waste included Inert and Commercial Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 4400/0503            BGS Ref: Not Supplied            Other Ref: WD20 B513, 4400/B513, 20B513(101)</p>	A7SE (SW)	914	2	437052 410994
221	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: E Maw and Son            Location: Carlton, Royston, Barnsley            Name: Land off Cronkhill Lane            Operator Location: Stud Farm, Carlton, Barnsley            Boundary Accuracy: As Supplied            Provider Reference: EAHLD04277            First Input Date: 8th March 1984            Last Input Date: 31st October 1990            Specified Waste: Deposited Waste included Inert and Commercial Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 4400/0491            BGS Ref: Not Supplied            Other Ref: WD20 B417, 4400/B417, 20B417(89)</p>	A7SE (SW)	928	2	437185 410899
222	<p><b>Licensed Waste Management Facilities (Landfill Boundaries)</b></p> <p>Name: E J Lidster Construction Limited            Licence Number: 60560            Location: E J LIDSTER CONSTRUCTION LIMITED, Land/premises At, Pools Lane, Royston, Barnsley, South Yorkshire, S71 4BW            Licence Holder: E J Lidster Construction Limited            Authority: Environment Agency - North East Region, Yorkshire Area            Site Category: Household, Commercial And Industrial Waste Landfills            Max Input Rate: Not Supplied  <b>Licence Status: Expired</b>            Issued: 16th May 1984            Positional Accuracy: Positioned by the supplier            Boundary Accuracy: As Supplied</p>	A8SW (S)	798	2	437380 410964
223	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 60567            Location: Boulder Bridge Lane, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ            Operator Name: ROY THORNTON METALS LIMITED            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, Yorkshire Area            Site Category: Metal Recycling Sites (Mixed)  <b>Licence Status: Expired</b>            Issued: 10th June 1992            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	849	2	437800 410900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 60560            Location: Land/premises At, Pools Lane, Royston, Barnsley, South Yorkshire, S71 4BW            Operator Name: E J LIDSTER CONSTRUCTION LIMITED            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, Yorkshire Area            Site Category: Household, Commercial And Industrial Waste Landfills  <b>Licence Status: Expired</b>            Issued: 16th May 1984            Last Modified: Not Supplied            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A8SW (S)	883	2	437300 410900
	<p><b>Local Authority Landfill Coverage</b></p> <p>Name: Barnsley Metropolitan Borough Council            - Has supplied landfill data</p>		0	3	437603 411738
	<p><b>Local Authority Landfill Coverage</b></p> <p>Name: Wakefield Metropolitan Borough Council            - Has not been able to supply Landfill data</p>		535	6	437901 412195
225	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Not Supplied            Reference: 128            Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards  <b>Last Reported Status: Unknown</b>            Types of Waste: Not Supplied            Date of Closure: Not Supplied            Positional Accuracy: Positioned by the supplier            Boundary Quality: Moderate</p>	A13SW (W)	258	3	437344 411655
226	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Not Supplied            Reference: 3            Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards  <b>Last Reported Status: Unknown</b>            Types of Waste: Not Supplied            Date of Closure: Not Supplied            Positional Accuracy: Positioned by the supplier            Boundary Quality: Moderate</p>	A13SW (SW)	279	3	437472 411481
227	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Not Supplied            Reference: 92            Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards  <b>Last Reported Status: Unknown</b>            Types of Waste: Not Supplied            Date of Closure: Not Supplied            Positional Accuracy: Positioned by the supplier            Boundary Quality: Moderate</p>	A12NE (W)	363	3	437226 411751
228	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Not Supplied            Reference: 6            Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards  <b>Last Reported Status: Unknown</b>            Types of Waste: Not Supplied            Date of Closure: Not Supplied            Positional Accuracy: Positioned by the supplier            Boundary Quality: Moderate</p>	A12NE (NW)	463	3	437167 411932

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Not Supplied  Reference: 106  Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards</p> <p><b>Last Reported Status:</b> Unknown  Types of Waste: Not Supplied  Date of Closure: Not Supplied  Positional Accuracy: Positioned by the supplier  Boundary Quality: Moderate</p>	A8SW (S)	773	3	437377 410991
230	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Not Supplied  Reference: 101  Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards</p> <p><b>Last Reported Status:</b> Unknown  Types of Waste: Not Supplied  Date of Closure: Not Supplied  Positional Accuracy: Positioned by the supplier  Boundary Quality: Moderate</p>	A7SE (SW)	911	3	437082 410978
231	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Not Supplied  Reference: 89  Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards</p> <p><b>Last Reported Status:</b> Unknown  Types of Waste: Not Supplied  Date of Closure: Not Supplied  Positional Accuracy: Positioned by the supplier  Boundary Quality: Moderate</p>	A7SE (SW)	920	3	437182 410909
232	<p><b>Local Authority Recorded Landfill Sites</b></p> <p>Location: Not Supplied  Reference: 166  Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards</p> <p><b>Last Reported Status:</b> Unknown  Types of Waste: Not Supplied  Date of Closure: Not Supplied  Positional Accuracy: Positioned by the supplier  Boundary Quality: Moderate</p>	A14SE (E)	943	3	438551 411622
233	<p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: E  Use: Unknown Filled Ground (Pit, quarry etc)  Date of Mapping: 1990</p>	A13SE (E)	131	-	437744 411716
234	<p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: N  Use: Unknown Filled Ground (Pit, quarry etc)  Date of Mapping: 1990</p>	A18SE (N)	553	-	437669 412295
235	<p><b>Potentially Infilled Land (Non-Water)</b></p> <p>Bearing Ref: E  Use: Unknown Filled Ground (Pit, quarry etc)  Date of Mapping: 1990</p>	A14NE (E)	921	-	438537 411773
236	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)  Date of Mapping: 1956</p>	A13NE (NE)	370	-	437911 411967
237	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)  Date of Mapping: 1956</p>	A12NE (NW)	435	-	437221 411976
238	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)  Date of Mapping: 1956</p>	A12SE (SW)	497	-	437170 411466
239	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)  Date of Mapping: 1956</p>	A12SE (SW)	601	-	437040 411488
240	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)  Date of Mapping: 1956</p>	A18SE (N)	604	-	437663 412348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
241	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1907</p>	A18SW (N)	620	-	437472 412356
242	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956</p>	A18SW (N)	634	-	437386 412348
243	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956</p>	A18SW (N)	648	-	437509 412391
244	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Burns Construction Ltd Licence Reference: WD20 B 768 MOD 2 Site Location: Midland Road, Royston, BARNSELEY, South Yorkshire, S71 4DR Licence Easting: 437200 Licence Northing: 411800 Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence has completion certificateSurrendered Dated: 5th September 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Non-Haz. Building/Demolition Wastes Non-Haz. Excav'N Wastes, Soil &amp; Subsoil Prohibited Waste: All Forms Of Asbestos Liquid/Slurry In Drums/Conts &gt; 4 L Cap Paper/Cardboard Plasterboard Plastic Wood</p>	A12NE (W)	395	2	437200 411800
244	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Burna Construction Ltd Licence Reference: WD20 B 428 Site Location: Midland Road., Royston, BARNSELEY, South Yorkshire, S71 4DR Licence Easting: 437200 Licence Northing: 411800 Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1984 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction And Demolition Wastes Excavated Natural Materials \$ Hardcore And Rubble Prohibited Waste: Asbestos Liquids In Containers Over 4l Cap. Slurry In Containers Over 4l Cap.</p>	A12NE (W)	395	2	437200 411800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
245	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: B.D.R. Waste Disposal Ltd            Licence Reference: WD20 B1035            Site Location: Cudworth Landfill Site, East Of Pools Dyke, Cudworth, Barnsley, South Yorkshire            Licence Easting: 437800            Licence Northing: 411300            Operator Location: 2 The Embankment, Sovereign Street, LEEDS, West Yorkshire, LS1 4BG            Authority: Environment Agency - North East Region, Ridings Area            Site Category: Landfill            Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st August 1993            Preceded By: WD 2 B 1            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Untreated Dom/Commercial Waste            Prohibited Waste: Waste N.O.S.</p>	A8NE (SE)	468	2	437800 411300
245	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Barnsley M.B.C.            Licence Reference: WD 2 B 1            Site Location: Cudworth North Jct, Shaw Lane, Carlton, Barnsley, South Yorkshire            Licence Easting: 437800            Licence Northing: 411300            Operator Location: Cleansing Div. Smithies La.Depot, Barnsley, South Yorkshire            Authority: Environment Agency - North East Region, Ridings Area            Site Category: Landfill            Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Record supersededSuperseded            Dated: 1st March 1979            Preceded By: Not Given            Licence:            Superseded By: WD20 B1035            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Asbestos            Construction And Demolition Wastes            Food Processing Wastes/Starch            Household + Commercial Waste            Ind. Non-Haz. Inert, Non-Flammable            Ind. Non-Haz. Potentially Combustible            Industrial Effluent Treatment Sludge            Medical, Surgical, Veterinary Wastes            Metal Scrap            Old Cars            Other Industrial Wastes            Pharmaceutical/Cosmetic Products            Scrap Rubber (Including Tyres)            Sewage            Slag, Boiler/Flue Cleanings            Tar, Pitch, Bitumen, Asphalts            Vegetable And Other Oils            Prohibited Waste: Liquids In Containers Over 4l Cap.            Slurry In Containers Over 4l Cap.</p>	A8NE (SE)	468	2	437800 411300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
246	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Barnsley M.B.C.  Licence Reference: WD 2 B 5  Site Location: Poppleton Avenue, Royston, Barnsley, South Yorkshire  Licence Easting: 437100  Licence Northing: 412000  Operator Location: As Site Address  Authority: Environment Agency - North East Region, Ridings Area  Site Category: Landfill  Max Input Rate: Undefined  Waste Source: No known restriction on source of waste  Restrictions:  Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled  Dated: 1st November 1976  Preceded By: Not Given  Licence:  Superseded By: Not Given  Licence:  Positional Accuracy: Manually positioned to the address or location  Boundary Accuracy: Not Applicable  Authorised Waste: Old Licence - Wastes Not To Hand</p>	A12NE (NW)	553	2	437100 412000
247	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Barnsley M.B.C.  Licence Reference: WD 2 B22  Site Location: Cudworth North Junction, (West Of Pools Dyke), Carlton, Barnsley, South Yorkshire  Licence Easting: 437600  Licence Northing: 411000  Operator Location: Central Offices, Kendray Street, Barnsley, South Yorkshire  Authority: Environment Agency - North East Region, Ridings Area  Site Category: Landfill  Max Input Rate: Undefined  Waste Source: No known restriction on source of waste  Restrictions:  Status: Record supersededSuperseded  Dated: 1st June 1989  Preceded By: Not Given  Licence:  Superseded By: Not Given  Licence:  Positional Accuracy: Manually positioned to the address or location  Boundary Accuracy: Not Applicable  Authorised Waste: Licenced Wastes Not To Hand</p>	A8SW (S)	729	2	437600 411000
248	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: E Maw &amp; Son  Licence Reference: WD20 B 417  Site Location: Cronkhill Lane, Carlton, Barnsley, South Yorkshire  Licence Easting: 437200  Licence Northing: 410850  Operator Location: Stud Farm, Carlton, BARNSLEY, South Yorkshire, S71 3EY  Authority: Environment Agency - North East Region, Ridings Area  Site Category: Landfill  Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled  Dated: 1st March 1984  Preceded By: Not Given  Licence:  Superseded By: Not Given  Licence:  Positional Accuracy: Manually positioned to the address or location  Boundary Accuracy: Not Applicable  Authorised Waste: Colliery Shale  Excavated Natural Materials \$  Hardcore And Rubble  Prohibited Waste: Asbestos  Liquids In Containers Over 4l Cap.  Slurry In Containers Over 4l Cap.</p>	A7SE (SW)	966	2	437200 410850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: E Broad &amp; C White            Licence Reference: WD20 B 513            Site Location: Cronkhill Lane/Church Hill, Royston, Barnsley, South Yorkshire            Licence Easting: 437050            Licence Northing: 410900            Operator Location: 4 Vicarage Lane, Royston, BARNSELEY, South Yorkshire, S71 4QY            Authority: Environment Agency - North East Region, Ridings Area            Site Category: Landfill            Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st March 1986            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Accuracy: Not Applicable            Authorised Waste: Hardcore/Build.Rubble/Concrete/Bricks            Soil/Subsoil            Prohibited Waste: All Forms In Asbestos            Liq/Slurry In Drums &gt; 4 L Capacity            Liquid/Slurry In Drums &gt; 4 L Capacity</p>	A7SE (SW)	993	2	437050 410900
250	<p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Thornton Skip Hire            Licence Reference: WD20 B 310            Site Location: Thornton Skip Hire, Shaw Lane, Carlton, Barnsley, South Yorkshire            Operator Location: As Site Address            Authority: Environment Agency - North East Region, Ridings Area            Site Category: Transfer            Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st March 1981            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Located by supplier to within 100m            Boundary Quality: Not Supplied            Authorised Waste: Commercial Waste            Construction And Demolition Wastes            Ind. Non-Haz. Waste</p>	A8SE (S)	849	2	437800 410900
251	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: Monckton Coke &amp; Chemical Co Ltd            Licence Reference: 815            Site Location: Monckton Coke &amp; Chem Ltd, Royston, Barnsley, South Yorkshire            Operator Location: As Site Address            Authority: Environment Agency - North East Region, Ridings Area            Site Category: Storage            Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)            Waste Source: Waste produced/controlled by licence holder            Restrictions:            Licence Status: Site now IPC authorisedAuthorised            Dated: 1st August 1990            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Desulphurisation Of Coke Oven Gas            Max.Storage Permitted By Licence            Spent Iron Oxide From</p>	A13SW (W)	291	2	437300 411700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
252	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: Roy Thornton Metals Ltd  Licence Reference: WD20 B 624 MOD 1  Site Location: Roy Thornton Metals Ltd, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire  Operator Location: Willow Lodge, Halifax Road, Hoylandswaine, SHEFFIELD, South Yorkshire, S30 6LT  Authority: Environment Agency - North East Region, Ridings Area  Site Category: Scrapyard  Max Input Rate: Very Small (Less than 10,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Operational as far as is knownOperational  Dated: 1st July 1997  Preceded By: WD20 B 624  Licence:  Superseded By: Not Given  Licence:  Positional Accuracy: Located by supplier to within 100m  Boundary Quality: Not Supplied  Authorised Waste: Ferrous Metal Scrap Max.Stor  Max.Waste Permitted By Licence  Non-Ferrous Metal Scrap Max.Stor  Plastic Ex Cable Strip/Gran. Max.Stor  Wiring/Cable Max.Stor  Prohibited Waste: Liquid Wastes  Waste N.O.S.</p>	A8SE (S)	849	2	437800 410900
252	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: Roy Thornton Metals Ltd  Licence Reference: WD20 B 624  Site Location: Roy Thornton Metals Ltd, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire  Operator Location: The Old Brickworks, Stonehouse, GLOUCESTER, Gloucestershire, GL10 2LR  Authority: Environment Agency - North East Region, Ridings Area  Site Category: Scrapyard  Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Record supersededSuperseded  Dated: 1st June 1992  Preceded By: Not Given  Licence:  Superseded By: WD20 B 624 MOD 1  Licence:  Positional Accuracy: Approximate location provided by supplier  Boundary Quality: Not Supplied  Authorised Waste: Ferrous Metal Scrap  Max.Storage  Non-Ferrous Metal Scrap  Scrap Rubber  Prohibited Waste: Liquid Wastes</p>	A8SE (S)	849	2	437800 410900
253	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: R Thornton  Licence Reference: WD20 B 646  Site Location: R Thornton, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire  Operator Location: Willow Lodge, Halifax Road, Hoylandswaine, BARNLSLEY, South Yorkshire, S30 6LT  Authority: Environment Agency - North East Region, Ridings Area  Site Category: Scrapyard  Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Record supersededSuperseded  Dated: 30th October 1992  Preceded By: Not Given  Licence:  Superseded By: WD20 B 646 MOD 1  Licence:  Positional Accuracy: Approximate location provided by supplier  Boundary Quality: Not Supplied  Authorised Waste: Elect.Equip/Transform/Capac. Mstor  Ferrous Metal Scrap Mstor  Non-Ferrous Metal Scrap Mstor  Plastic From Cable Strip/Granul. Mstor  Wiring/Cable Mstor  Prohibited Waste: Liquid Wastes</p>	A8SE (S)	933	2	437700 410800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
253	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: R Thornton  Licence Reference: WD20 B 646 MOD 1  Site Location: R Thornton, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire  Operator Location: Willow Lodge, Halifax Road, Hoylandswaine, BARNSELEY, South Yorkshire, S30 6LT  Authority: Environment Agency - North East Region, Ridings Area  Site Category: Scrapyard  Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Licence has completion certificateSurrendered  Dated: 1st October 1992  Preceded By: WD20 B 646  Licence:  Superseded By: Not Given  Licence:  Positional Accuracy: Approximate location provided by supplier  Boundary Quality: Not Supplied  Authorised Waste: Ferrous Metal Scrap Mstor  Non-Ferrous Metal Scrap Mstor  Plastic From Cable Strip/Granul. Mstor  Wiring/Cable Mstor  Prohibited Waste: Liquid Wastes</p>	A8SE (S)	933	2	437700 410800
254	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: A H Hardwick  Licence Reference: WD20 B 697 MOD 2  Site Location: A H Hardwick, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire  Operator Location: 40 Engine Lane, Shafton, BARNSELEY, South Yorkshire, S72 8RE  Authority: Environment Agency - North East Region, Ridings Area  Site Category: Scrapyard  Max Input Rate: Very Small (Less than 10,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Operational as far as is knownOperational  Dated: 1st March 1997  Preceded By: WD20 B 697  Licence:  Superseded By: Not Given  Licence:  Positional Accuracy: Located by supplier to within 100m  Boundary Quality: Not Supplied  Authorised Waste: Max.Waste Permitted By Licence  Scrap Tyres Mstor  Scrap Veh/Bus/Com.Veh. Mstor  Prohibited Waste: Liquid Wastes</p>	A8SW (S)	989	2	437580 410740
254	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: A H Hardwick  Licence Reference: WD20 B 697  Site Location: A H Hardwick, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire  Operator Location: 40 Engine Lane, Shafton, BARNSELEY, South Yorkshire, S72 8RE  Authority: Environment Agency - North East Region, Ridings Area  Site Category: Scrapyard  Max Input Rate: Very Small (Less than 10,000 tonnes per year)  Waste Source: No known restriction on source of waste  Restrictions:  Licence Status: Record supersededSuperseded  Dated: 1st September 1992  Preceded By: Not Given  Licence:  Superseded By: WD20 B 697 MOD 2  Licence:  Positional Accuracy: Located by supplier to within 100m  Boundary Quality: Not Supplied  Authorised Waste: Batteries Mstor  Scrap Tyres Mstor  Scrap Veh/Bus/Com.Veh. Mstor  Prohibited Waste: Liquid Wastes</p>	A8SW (S)	989	2	437580 410740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
255	<p><b>Notification of Installations Handling Hazardous Substances (NIHHS)</b></p> <p>Name: The Monckton Coke &amp; Chemical Co            Location: P O Box 25, Royston, BARNSELEY, South Yorkshire, S71 4BE  <b>Status: Not Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18SW (N)	409	7	437545 412155
256	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Monckton Coke &amp; Chemical Co            Location: Lundhill Lane, Royston, Barnsley, South Yorkshire, S73 0ra            Authority: Barnsley Metropolitan Borough Council, Planning Department            Application Ref: HSC/93/1            Hazardous Substance: Combination of Dangerous Substances            Maximum Quantity: 260            Application date: 1st January 1993  <b>Decision: Deemed Consent Granted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A13NW (W)	265	8	437324 411749
257	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Monckton Coke &amp; Chemical Co            Location: Lundhill Lane, Royston, BARNSELEY, South Yorkshire, S71            Authority: Wakefield City Metropolitan District Council            Application Ref: 92/99/15979/J            Hazardous Substance: Unknown at time of report            Maximum Quantity: 0            Application date: 30th November 1992  <b>Decision: Continuation of consent</b>            Positional Accuracy: Manually positioned to the address or location</p>	A18NW (N)	679	9	437491 412420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13SE (SE)	0	1	437603 411738
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (SE)	0	1	437603 411738
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13SW (SW)	138	1	437514 411618
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SE (W)	634	1	437000 411500
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A17NE (NW)	956	1	436938 412445
258	<b>BGS Recorded Mineral Sites</b> Site Name: Offley Bank Location: Royston, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 26011 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	264	1	437848 411869
259	<b>BGS Recorded Mineral Sites</b> Site Name: Royston Drift Mine Location: Royston, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 188 Type: Underground <b>Status: Ceased</b> Operator: British Coal - North Yorkshire Area Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	387	1	437843 412056

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
260	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Monckton Main Colliery, Nos 1, 2, 5            Location: Royston, South Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 235285            Type: Underground  <b>Status: Ceased</b>            Operator: Individual'S Name Withheld            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Pennine Coal Measures Group            Commodity: Coal - Deep            Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	426	1	437423 412139
261	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Monckton Main Colliery, Nos 1, 2, 5            Location: Royston, South Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 235286            Type: Underground  <b>Status: Ceased</b>            Operator: Individual'S Name Withheld            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Pennine Coal Measures Group            Commodity: Coal - Deep            Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	438	1	437496 412176
262	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Monckton Main Colliery            Location: Royston, Barnsley, South Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 13296            Type: Underground  <b>Status: Ceased</b>            Operator: Individual'S Name Withheld            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Pennine Middle Coal Measures Formation            Commodity: Coal - Deep            Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	492	1	437426 412211
263	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: New Monckton Clay Pit            Location: Royston, Wakefield, South Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 13297            Type: Opencast  <b>Status: Ceased</b>            Operator: Individual'S Name Withheld            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Pennine Middle Coal Measures Formation            Commodity: Common Clay and Shale            Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	644	1	437650 412390
264	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Westercliff Occs            Location: Havercroft, Wakefield, South Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 235315            Type: Opencast  <b>Status: Ceased</b>            Operator: Individual'S Name Withheld            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Shafton Coal (West And South Yorkshire And Derbyshire)            Commodity: Coal - Opencast            Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	753	1	438018 412379
265	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Cawker Occs            Location: Havercroft, Wakefield, South Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 235308            Type: Opencast  <b>Status: Ceased</b>            Operator: Individual'S Name Withheld            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Shafton Coal (West And South Yorkshire And Derbyshire)            Commodity: Coal - Opencast            Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	802	1	438308 412148

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	<b>BGS Recorded Mineral Sites</b> Site Name: Clay Pit Occs Location: Havercroft, Wakefield, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 235317 Type: Opencast <b>Status: Ceased</b> Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Shafton Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m	A18NE (N)	904	1	437703 412645
267	<b>BGS Recorded Mineral Sites</b> Site Name: Cawker Occs Location: Havercroft, Wakefield, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 235309 Type: Opencast <b>Status: Ceased</b> Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Shafton Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	923	1	438337 412319
268	<b>BGS Recorded Mineral Sites</b> Site Name: Sandybridge Location: South Hiendley, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 26010 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	962	1	438578 411760
269	<b>BGS Recorded Mineral Sites</b> Site Name: Clay Pit Occs Location: Havercroft, Wakefield, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 235318 Type: Opencast <b>Status: Ceased</b> Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Shafton Coal (West And South Yorkshire And Derbyshire) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m	A18NW (N)	979	1	437516 412724
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> 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.	A13SE (SE)	0	10	437603 411738
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (SE)	0	-	437603 411738
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	437603 411738
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	38	1	437615 411782
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	437603 411738

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	126	1	437560 411611
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	437603 411738
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	82	1	437611 411829
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	126	1	437560 411611
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	228	1	437361 411721
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	437603 411738
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	437603 411738
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	17	1	437601 411712
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	437603 411738
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	82	1	437611 411829
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	126	1	437560 411611
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	228	1	437361 411721
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	437603 411738
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	47	1	437614 411791
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	437603 411738
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	437603 411738

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
270	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Naylors Timber Recovery            Location: Royston Drift Mine, Lund Hill Lane, Royston, Barnsley, South Yorkshire, S71 4BD            Classification: Pallets, Crates &amp; Packing Cases  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	208	-	437652 411948
270	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Staywarm Solid Fuels            Location: Royston Drift Mine, Lund Hill Lane, Royston, Barnsley, S71 4BD            Classification: Coal &amp; Smokeless Fuel Merchants &amp; Distributors  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	233	-	437634 411977
271	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: My Fresh Prints            Location: MIDLAND ROAD, ROYSTON, BARNLSLEY, S71 4AZ            Classification: Printers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SW (W)	243	-	437349 411696
272	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Window Cleaning Supplies            Location: 1, Cross Lane, Royston, Barnsley, South Yorkshire, S71 4AT            Classification: Cleaning Materials &amp; Equipment  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	341	-	437253 411677
273	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Darren Fenton            Location: 8, The Avenue, Royston, Barnsley, South Yorkshire, S71 4DS            Classification: Fascias and Soffits  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	409	-	437181 411726
274	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Finishing Touch Industrial &amp; Domestic High Pressure Water Cleaners            Location: 43, Poplar Terrace, Royston, Barnsley, South Yorkshire, S71 4DX            Classification: Commercial Cleaning Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	639	-	436972 411904
275	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Direct Gas Services            Location: 250, Midland Road, Royston, Barnsley, South Yorkshire, S71 4DN            Classification: Boilers - Servicing, Replacements &amp; Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	659	-	436930 411759
275	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Co Colours Refinishing            Location: 209, Midland Road, Royston, Barnsley, South Yorkshire, S71 4DN            Classification: Car Painters &amp; Sprayers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	661	-	436930 411791
275	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Buy Concrete Today Ltd            Location: 199, Midland Road, Royston, Barnsley, South Yorkshire, S71 4DN            Classification: Concrete &amp; Mortar Ready Mixed  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	679	-	436912 411785
276	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R Storrs &amp; Son            Location: 130, Cross Lane, Royston, Barnsley, South Yorkshire, S71 4AR            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	665	-	437198 411196
277	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Alan Broadhead            Location: 16, Godley Street, Royston, Barnsley, South Yorkshire, S71 4DH            Classification: Domestic Appliances - Servicing, Repairs &amp; Parts  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	676	-	436913 411702

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
278	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Naylors Timber Recovery Ltd            Location: Royston Drift Mine, Lund Hill Lane, Royston, Barnsley, South Yorkshire, S71 4BD            Classification: Pallets, Crates &amp; Packing Cases  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A18NW (N)	709	-	437524 412454
279	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ornate Gates            Location: 17, West Street, Royston, Barnsley, South Yorkshire, S71 4DG            Classification: Wrought Ironwork  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	724	-	436871 411831
279	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: West Street Garage            Location: West Street, Royston, Barnsley, South Yorkshire, S71 4DG            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A12NW (W)	740	-	436856 411832
279	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: West Street Autos            Location: West St, Royston, Barnsley, South Yorkshire, S71 4DG            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NW (W)	748	-	436846 411824
279	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: West Street Resprays &amp; Refinishing            Location: West St, Royston, Barnsley, South Yorkshire, S71 4DG            Classification: Car Painters &amp; Sprayers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	760	-	436836 411834
280	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Leat Enterprises            Location: Unit 1, Old Drift Mine, Lundhill La, Royston, Barnsley, South Yorkshire, S71 4BD            Classification: Wrought Ironwork  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A18NW (N)	730	-	437573 412478
281	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Advanture            Location: 226, Midland Road, Royston, Barnsley, South Yorkshire, S71 4BP            Classification: Commercial Vehicle Servicing, Repairs, Parts &amp; Accessories  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	731	-	436858 411735
281	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Dry Wall Uk Plastering &amp; Damp Proofing            Location: 212, Midland Road, Royston, BARNLSLEY, South Yorkshire, S71 4BP            Classification: Damp &amp; Dry Rot Control  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	765	-	436824 411732
281	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Barnsley Scaffolding            Location: Royston, Barnsley, South Yorkshire, S71 4BP            Classification: Scaffolding &amp; Work Platforms  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A12SW (W)	765	-	436824 411732
282	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Handle Trade Ltd            Location: 149, Midland Road, Royston, Barnsley, S71 4BY            Classification: Hardware  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	811	-	436778 411757
282	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: K T S Uk            Location: Midland Rd, Royston, Barnsley, South Yorkshire, S71 4BY            Classification: Engineering Machine Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	812	-	436777 411744

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
282	<b>Contemporary Trade Directory Entries</b> Name: Mounts Of Royston Location: 143-145, Midland Road, Royston, Barnsley, South Yorkshire, S71 4BY Classification: Disability Equipment - Manufacturers & Suppliers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	836	-	436754 411757
282	<b>Contemporary Trade Directory Entries</b> Name: Evolve Distribution Location: Unit 1, 141, Midland Road, Royston, Barnsley, South Yorkshire, S71 4BY Classification: Motor Cycle & Component Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	859	-	436730 411770
282	<b>Contemporary Trade Directory Entries</b> Name: Dirtwarz Location: Unit 1, 141, Midland Road, Royston, Barnsley, South Yorkshire, S71 4BY Classification: Quad Bikes <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	859	-	436730 411770
282	<b>Contemporary Trade Directory Entries</b> Name: Evolve Distribution Ltd Location: 141 Midland Rd, Royston, Barnsley, South Yorkshire, S71 4BY Classification: Distribution Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A12NW (W)	860	-	436730 411769
283	<b>Contemporary Trade Directory Entries</b> Name: Lyon Bedale Transport Ltd Location: Lund Hill La, Royston, Barnsley, South Yorkshire, S71 4BE Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	818	-	437588 412566
283	<b>Contemporary Trade Directory Entries</b> Name: A C W Utilities & Civil Engineering Ltd Location: The Hollies, 6 Lund Hill Lane, Royston, Barnsley, South Yorkshire, S71 4BG Classification: Gas Companies <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	826	-	437561 412574
284	<b>Contemporary Trade Directory Entries</b> Name: J Ogden Location: 131, Park View, Royston, Barnsley, South Yorkshire, S71 4AF Classification: Fascias and Soffits <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	886	-	436881 411201
285	<b>Contemporary Trade Directory Entries</b> Name: Royston Kitchens & Bedrooms Ltd Location: 160a-162a, Midland Road, Royston, Barnsley, South Yorkshire, S71 4PX Classification: Office Furniture & Equipment <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	917	-	436673 411697
285	<b>Contemporary Trade Directory Entries</b> Name: D Harding M O T Centre Location: 162, Midland Road, Royston, Barnsley, S71 4PX Classification: Mot Testing Centres <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	917	-	436673 411697
285	<b>Contemporary Trade Directory Entries</b> Name: Fulton Foods Location: 117, Midland Road, Royston, Barnsley, South Yorkshire, S71 4PX Classification: Frozen Food Processors & Distributors <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A12SW (W)	932	-	436657 411734
286	<b>Contemporary Trade Directory Entries</b> Name: Package Bay Location: Midland Works, Filey Avenue, Royston, Barnsley, South Yorkshire, S71 4PZ Classification: Packaging & Wrapping Equipment & Supplies <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A12NW (W)	918	-	436673 411790
287	<b>Contemporary Trade Directory Entries</b> Name: C K Beckett Electrical & Industrial Dismantlers Location: Shaw Lane, Carlton, Barnsley, S71 3HJ Classification: Scrap Metal Merchants <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	943	-	437628 410786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
288	<b>Contemporary Trade Directory Entries</b> Name: S D & J Hellewell Location: 10, Warren Walk, Royston, Barnsley, South Yorkshire, S71 4QB Classification: Washing Machines - Servicing & Repairs Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	971	-	436650 411982
289	<b>Contemporary Trade Directory Entries</b> Name: R Booth & Son Transport Location: 43, CHURCH HILL, ROYSTON, BARNSELY, S71 4NQ Classification: Road Haulage Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	972	-	436817 411144
290	<b>Points of Interest - Commercial Services</b> Name: Company Colours Refinishing Location: 209 Midland Road, Royston, Barnsley, S71 4DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	661	11	436930 411791
291	<b>Points of Interest - Commercial Services</b> Name: West Street Garage Location: West Street, Royston, Barnsley, S71 4DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	727	11	436867 411818
291	<b>Points of Interest - Commercial Services</b> Name: West Street Autos Location: West St, Royston, Barnsley, South Yorkshire, S71 4DG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	748	11	436846 411824
292	<b>Points of Interest - Commercial Services</b> Name: Advanture Location: A 226 Midland Road, Royston, Barnsley, S71 4BP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	731	11	436858 411735
292	<b>Points of Interest - Commercial Services</b> Name: Vehicle Accessories Location: 226 Midland Road, Royston, Barnsley, S71 4BP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	731	11	436858 411735
293	<b>Points of Interest - Commercial Services</b> Name: Harding Location: Central Garage 162, Midland Road, Royston, Barnsley, S71 4PX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	901	11	436688 411699
293	<b>Points of Interest - Commercial Services</b> Name: D Harding M O T Centre Location: 162 Midland Road, Royston, Barnsley, S71 4PX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	902	11	436688 411699
294	<b>Points of Interest - Commercial Services</b> Name: R Booth & Son Transport Location: 43 Church Hill, Royston, Barnsley, S71 4NQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	972	11	436817 411144
295	<b>Points of Interest - Commercial Services</b> Name: Scrap Yard Location: S71 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8SW (S)	977	11	437564 410753
296	<b>Points of Interest - Commercial Services</b> Name: Scrap Yard Location: S71 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8SE (S)	987	11	437673 410743

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
297	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	139	11	437465 411804
297	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	144	11	437466 411817
297	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	149	11	437461 411819
297	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	155	11	437451 411812
297	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	156	11	437455 411823
297	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	164	11	437447 411825
297	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	165	11	437491 411879
297	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	186	11	437465 411884
298	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: S71 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	179	11	437674 411912
298	<b>Points of Interest - Manufacturing and Production</b> Name: Mine (Disused) Location: S71 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	266	11	437716 411989
299	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	195	11	437529 411933
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	232	11	437457 411937



# Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
299	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	246	11	437436 411939
299	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: S71 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	246	11	437436 411939
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	251	11	437470 411968
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	253	11	437467 411968
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	257	11	437467 411973
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	261	11	437436 411957
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	270	11	437429 411963
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	271	11	437422 411959
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	272	11	437482 411997
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	277	11	437425 411969
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	278	11	437476 412001
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	283	11	437475 412006

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	286	11	437457 412000
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	288	11	437474 412011
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	288	11	437466 412007
299	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (NW)	292	11	437454 412006
299	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: S71 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	312	11	437447 412024
300	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	265	11	437520 412003
300	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	312	11	437448 412025
301	<b>Points of Interest - Manufacturing and Production</b> Name: Chemical Works Location: S71 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	444	11	437405 412151
302	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	854	11	436736 411766
302	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: S71 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	854	11	436736 411766
303	<b>Points of Interest - Manufacturing and Production</b> Name: J R Woods Location: 12 Warren Walk, Royston, Barnsley, S71 4QB Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A12NW (W)	955	11	436669 411990
304	<b>Points of Interest - Public Infrastructure</b> Name: Refuse Tip (Disused) Location: S71 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	410	11	437259 411988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
304	<b>Points of Interest - Public Infrastructure</b> Name: Tip (Disused) Location: S71 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	443	11	437264 412046
305	<b>Points of Interest - Public Infrastructure</b> Name: Refuse Tip (Disused) Location: S71 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	528	11	437769 412248
306	<b>Points of Interest - Public Infrastructure</b> Name: Refuse Tip (Disused) Location: S71 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	573	11	438112 412029
307	<b>Points of Interest - Public Infrastructure</b> Name: Refuse Tip (Disused) Location: S72 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	670	11	438273 411875
308	<b>Points of Interest - Public Infrastructure</b> Name: Spoil Heap Location: S71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	695	11	437640 412442
309	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Works Location: S71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	733	11	437280 412412
309	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Works Location: S71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A17SE (NW)	734	11	437260 412403
310	<b>Points of Interest - Public Infrastructure</b> Name: Dam Location: S71 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	757	11	437113 412334
310	<b>Points of Interest - Public Infrastructure</b> Name: Dam Location: S71 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	757	11	437114 412335
311	<b>Points of Interest - Public Infrastructure</b> Name: Refuse Tip (Disused) Location: S72 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	915	11	438519 411888
312	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: S71 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	679	11	437264 411138
313	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SW (W)	918	11	436735 412078



## Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
314	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: S71 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	919	11	436684 411575

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
315	<b>Areas of Adopted Green Belt</b> Authority: Barnsley Metropolitan Borough Council, Planning Department Plan Name: Proposal Map Status: <b>Adopted</b> Plan Date: 3rd January 2019	A13SE (SE)	0	8	437603 411738
316	<b>Areas of Adopted Green Belt</b> Authority: Wakefield City Metropolitan District Council Plan Name: Proposal Map Status: <b>Adopted</b> Plan Date: 12th September 2012	A18SE (NE)	535	12	437898 412197
317	<b>Nitrate Vulnerable Zones</b> Name: River Dearne Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (SE)	0	4	437603 411738
318	<b>Sites of Special Scientific Interest</b> Name: Dearne Valley Wetlands Multiple Areas: Y Total Area (m2): 6499854.29 Source: Natural England Reference: 2000814 Designation Details: Site Of Special Scientific Interest Designation Date: 13th May 2021 Date Type: Notified	A13SW (SW)	149	13	437462 411655

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Environment Agency - Head Office Wakefield City Metropolitan District Council - Environmental Health	January 2020 November 2023 October 2017	Annual Rolling Update Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - North East Region	April 2024	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North East Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - North East Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North East Region	July 2024	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Wakefield City Metropolitan District Council - Environmental Health	April 2014 December 2020	Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Wakefield City Metropolitan District Council - Environmental Health	April 2014 December 2020	Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Wakefield City Metropolitan District Council - Environmental Health	April 2014 June 2014	Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	June 2024	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - North East Region	December 1998	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - North East Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - North East Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Head Office Environment Agency - North East Region	May 2023 May 2023	Quarterly
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>Substantiated Pollution Incident Register</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2024 April 2024	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - North East Region	July 2024	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - North East Region	October 2017	
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified

Agency & Hydrological	Version	Update Cycle
<b>Source Protection Zones</b> Environment Agency - Head Office	September 2022	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	December 2023	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	December 2023	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	February 2023	
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	January 2024	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2022	
<b>OS Water Network Lines</b> Ordnance Survey	July 2024	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2024	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North East Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	May 2024 May 2024	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	July 2024 July 2024	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Wakefield City Metropolitan District Council - Environmental Health	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Wakefield City Metropolitan District Council - Environmental Health	October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2006 March 2006	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2018 April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	January 2024	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Barnsley Metropolitan Borough Council - Planning Department Wakefield City Metropolitan District Council	January 2016 July 2023	Variable Variable
<b>Planning Hazardous Substance Consents</b> Wakefield City Metropolitan District Council Barnsley Metropolitan Borough Council - Planning Department	February 2016 January 2016	Variable Variable

Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	February 2023	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	October 2023	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	June 2024	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	February 2024	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<b>Points of Interest - Commercial Services</b> PointX	June 2024	Quarterly
<b>Points of Interest - Education and Health</b> PointX	June 2024	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	June 2024	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	June 2024	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	June 2024	Quarterly
<b>Underground Electrical Cables</b> National Grid	January 2024	Bi-Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	April 2024	Bi-Annually
<b>Areas of Adopted Green Belt</b> Barnsley Metropolitan Borough Council - Planning Department Wakefield City Metropolitan District Council	July 2024 July 2024	Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Barnsley Metropolitan Borough Council - Planning Department Wakefield City Metropolitan District Council	July 2024 July 2024	Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	May 2024	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	August 2023	
<b>Forest Parks</b> Forestry Commission	May 2023	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2024	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	February 2024	Bi-Annually
<b>National Nature Reserves</b> Natural England	February 2024	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2023	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 April 2024	Bi-Annually
<b>Ramsar Sites</b> Natural England	February 2024	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	April 2024	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	April 2024	Bi-Annually
<b>Special Protection Areas</b> Natural England	April 2024	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards</b> Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
4	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	<b>Wakefield City Metropolitan District Council - Environmental Health</b> Newton Bar, Wakefield, West Yorkshire, WF1 2TX	Telephone: 01924 306090 Website: www.wakefield.gov.uk
7	<b>Health and Safety Executive</b> 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	<b>Barnsley Metropolitan Borough Council - Planning Department</b> Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
9	<b>Wakefield City Metropolitan District Council</b> Newton Bar, Wakefield, West Yorkshire, WF1 2TX	Telephone: 01924 306090 Fax: 01924 378532 Website: www.wakefield.gov.uk
10	<b>The Coal Authority - Property Searches</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
11	<b>PointX</b> 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
12	<b>Wakefield City Metropolitan District Council</b> Newton Bar, Wakefield, West Yorkshire, WF1 2TX	Telephone: 01924 306090 Fax: 01924 378532 Website: www.wakefield.gov.uk
13	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

## Geology 1:50,000 Maps Legends

### Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WE	Woolley Edge Rock	Sandstone	Not Supplied - Westphalian
		Rock Segments		
		Faults		

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	HRT	Harrogate Till Formation	Clay, Sandy, Gravelly	Not Supplied - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	HEAD	Head	Diamicton	Not Supplied - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MXR	Mexborough Rock	Sandstone	Not Supplied - Westphalian
	GH	Glass Houghton Rock	Sandstone	Not Supplied - Westphalian
	ACR	Ackton Rock	Sandstone	Not Supplied - Westphalian
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	AR	Ackworth Rock	Sandstone	Not Supplied - Westphalian
	PUCM	Pennine Upper Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	OR	Oaks Rock	Sandstone	Not Supplied - Westphalian



### Geology 1:50,000 Maps

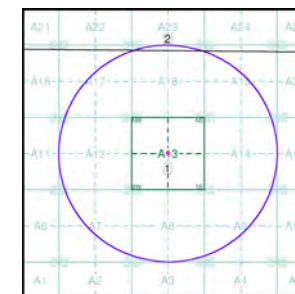
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

### Geology 1:50,000 Maps Coverage

Map ID:	2	Map ID:	1
Map Sheet No:	078	Map Sheet No:	087
Map Name:	Wakefield	Map Name:	Barnsley
Map Date:	1998	Map Date:	2008
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Supplied	Faults:	Not Supplied
Landslip:	Available	Landslip:	Available
Rock Segments:	Not Supplied	Rock Segments:	Not Supplied

### Geology 1:50,000 Maps - Slice A

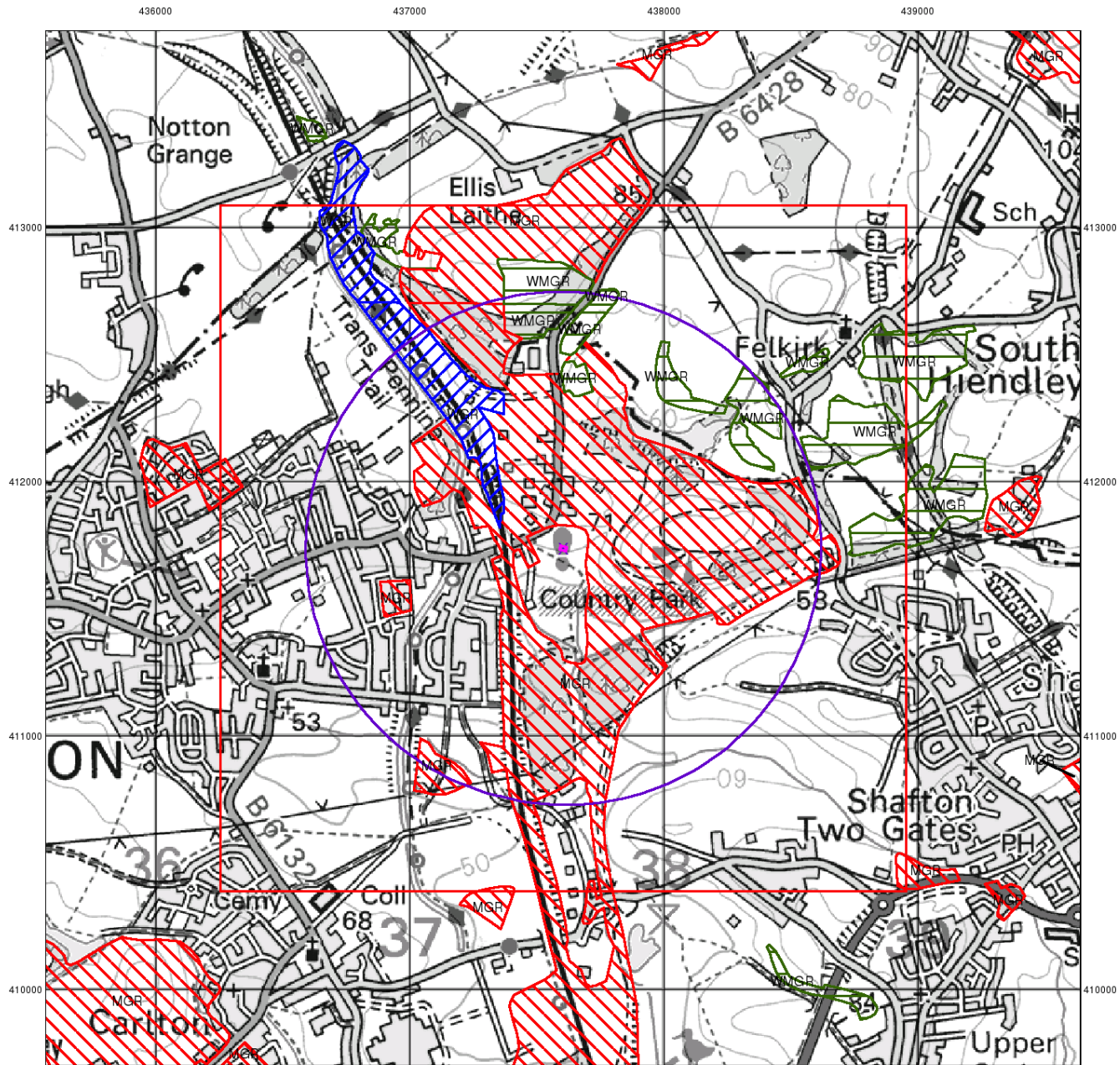


### Order Details:

Order Number: 354740027\_1\_1  
 Customer Reference: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

### Site Details:

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### Artificial Ground and Landslip

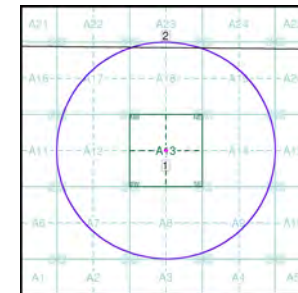
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

### Artificial Ground and Landslip Map - Slice A



### Order Details:

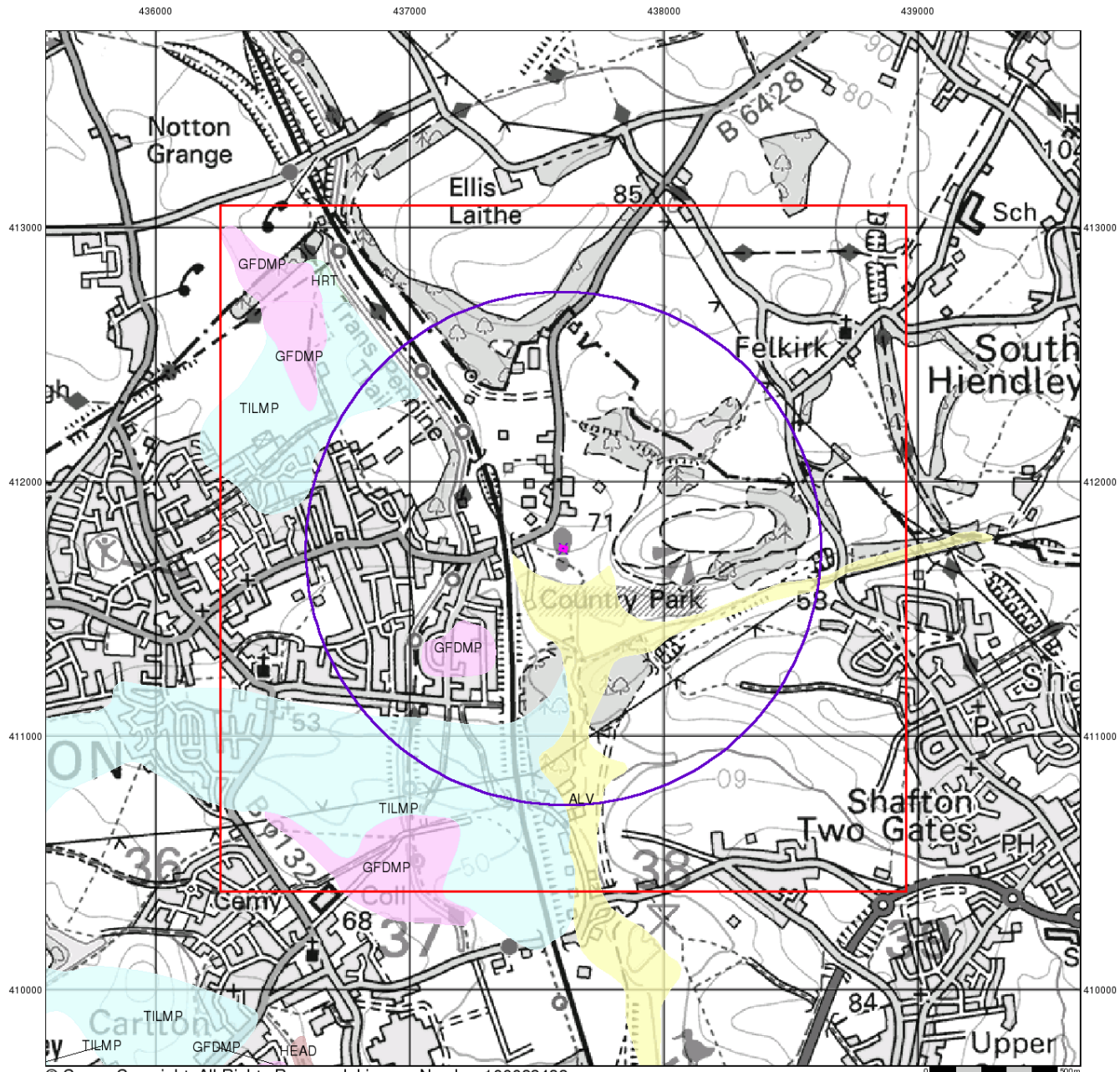
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 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
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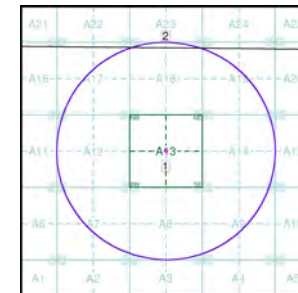
### Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

### Superficial Geology Map - Slice A



### Order Details:

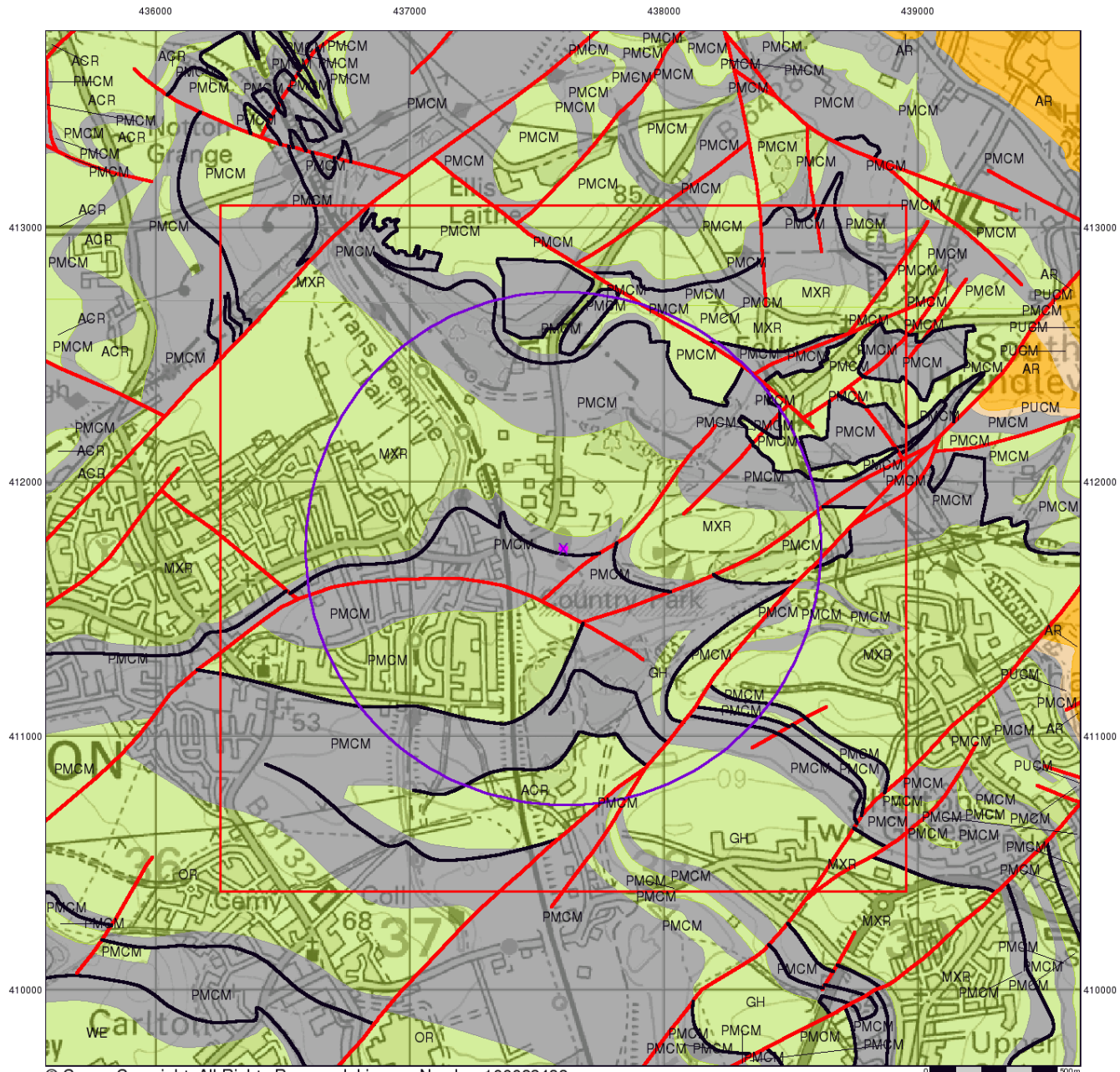
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### Bedrock and Faults

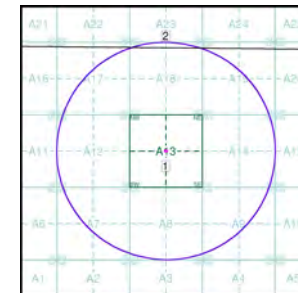
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

### Bedrock and Faults Map - Slice A



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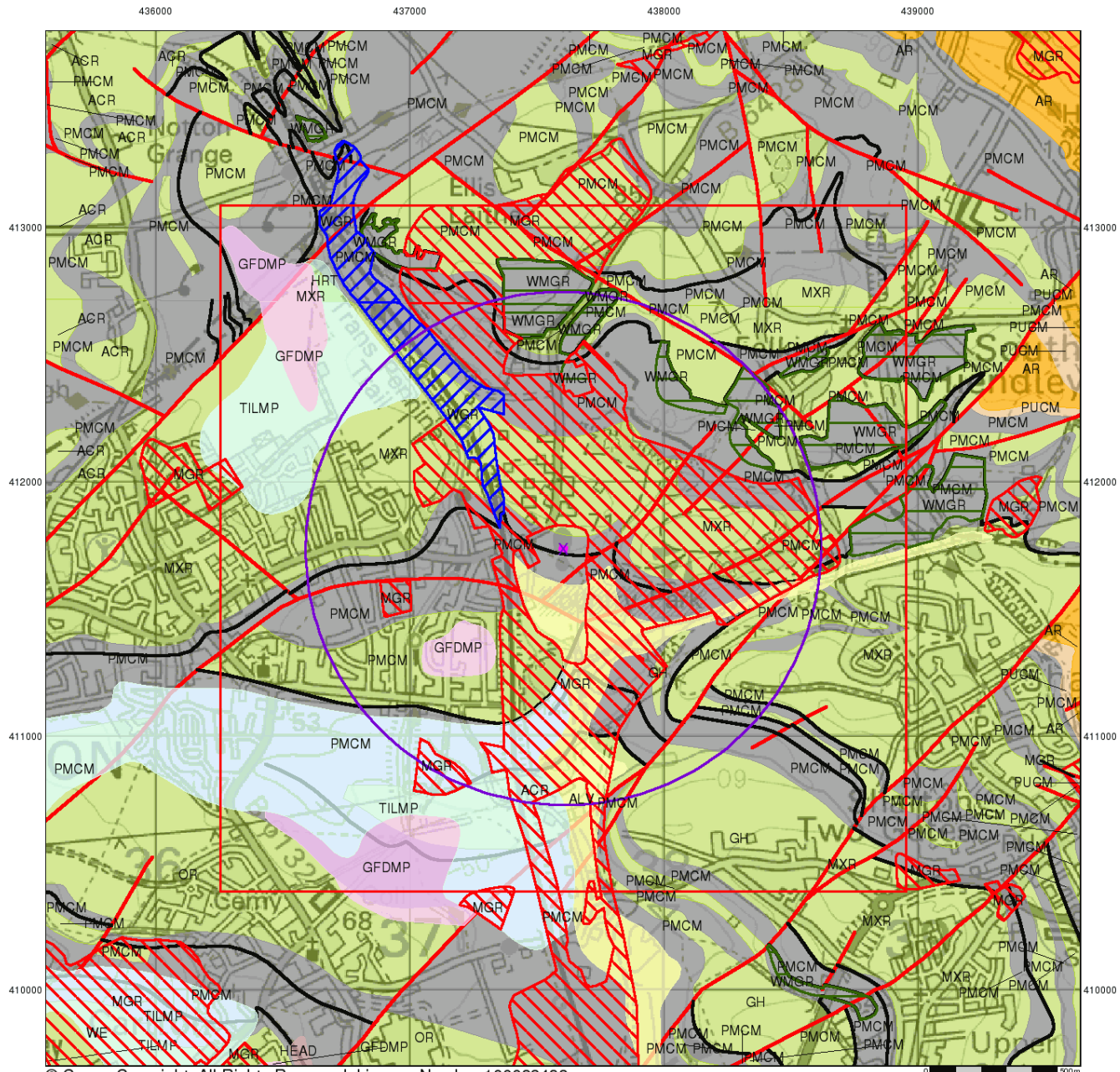
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 Customer Reference: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

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### Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

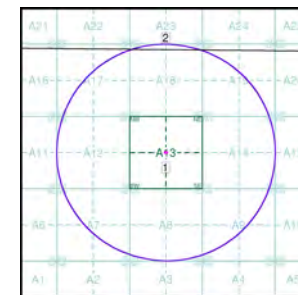
### Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

### Contact

British Geological Survey  
 Kingsley Dunham Centre  
 Keyworth  
 Nottingham  
 NG12 5GG  
 Telephone: 0115 936 3143  
 Fax: 0115 936 3276  
 email: enquires@bgs.ac.uk  
 website: www.bgs.ac.uk

### Combined Geology Map - Slice A



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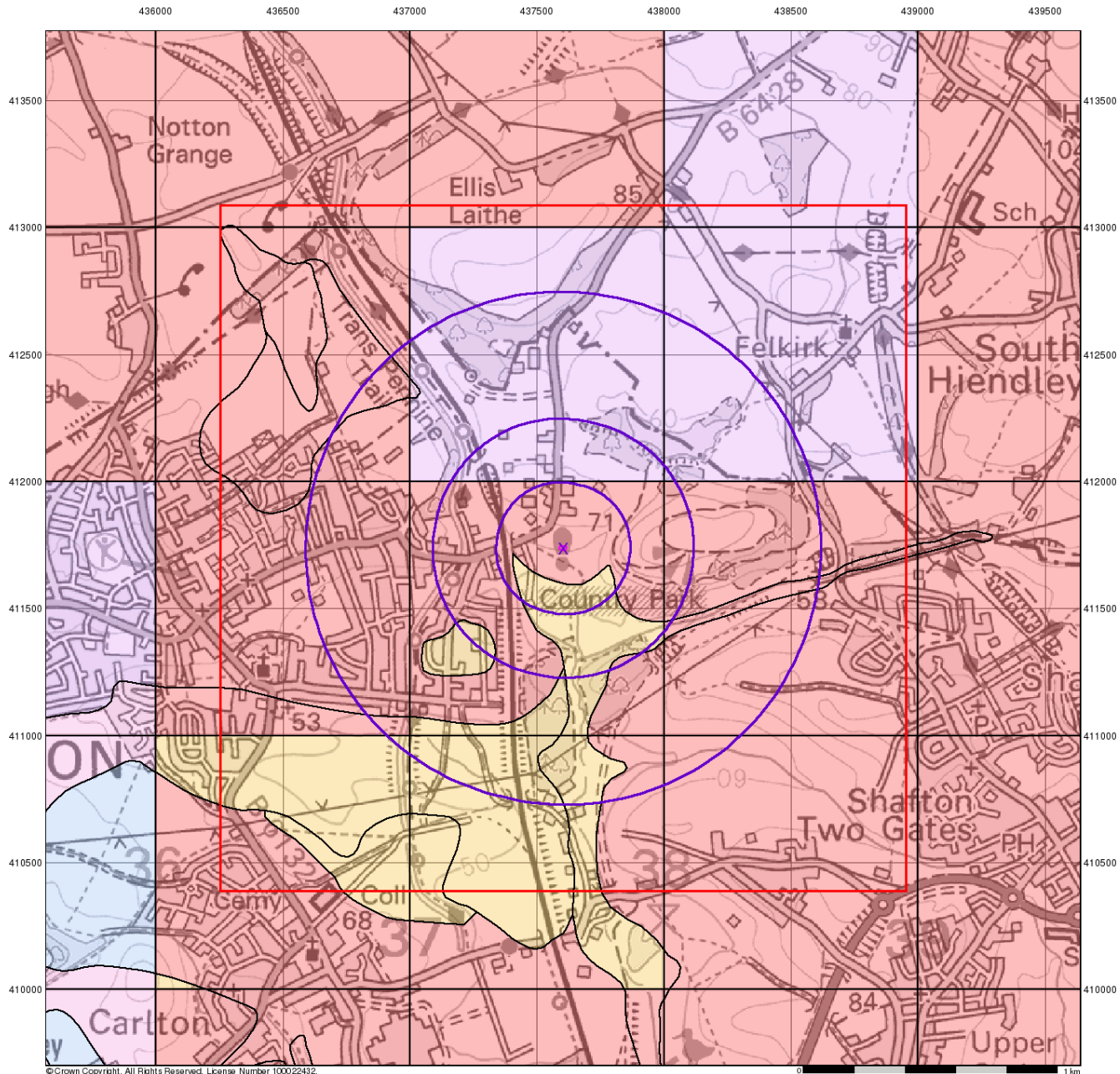
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 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

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0 1 km



## Groundwater Vulnerability

### General

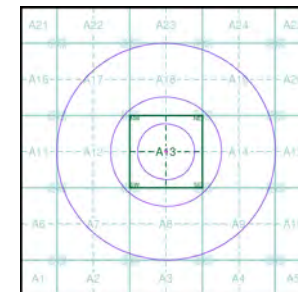
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

- | Bedrock Aquifers                        | Superficial Aquifers                    |
|---|---|
| High Vulnerability, Principal Aquifer   | High Vulnerability, Principal Aquifer   |
| High Vulnerability, Secondary Aquifer   | High Vulnerability, Secondary Aquifer   |
| Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Principal Aquifer |
| Medium Vulnerability, Secondary Aquifer | Medium Vulnerability, Secondary Aquifer |
| Low Vulnerability, Principal Aquifer    | Low Vulnerability, Principal Aquifer    |
| Low Vulnerability, Secondary Aquifer    | Low Vulnerability, Secondary Aquifer    |

- Unproductive Aquifer
- Soluble Rock

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
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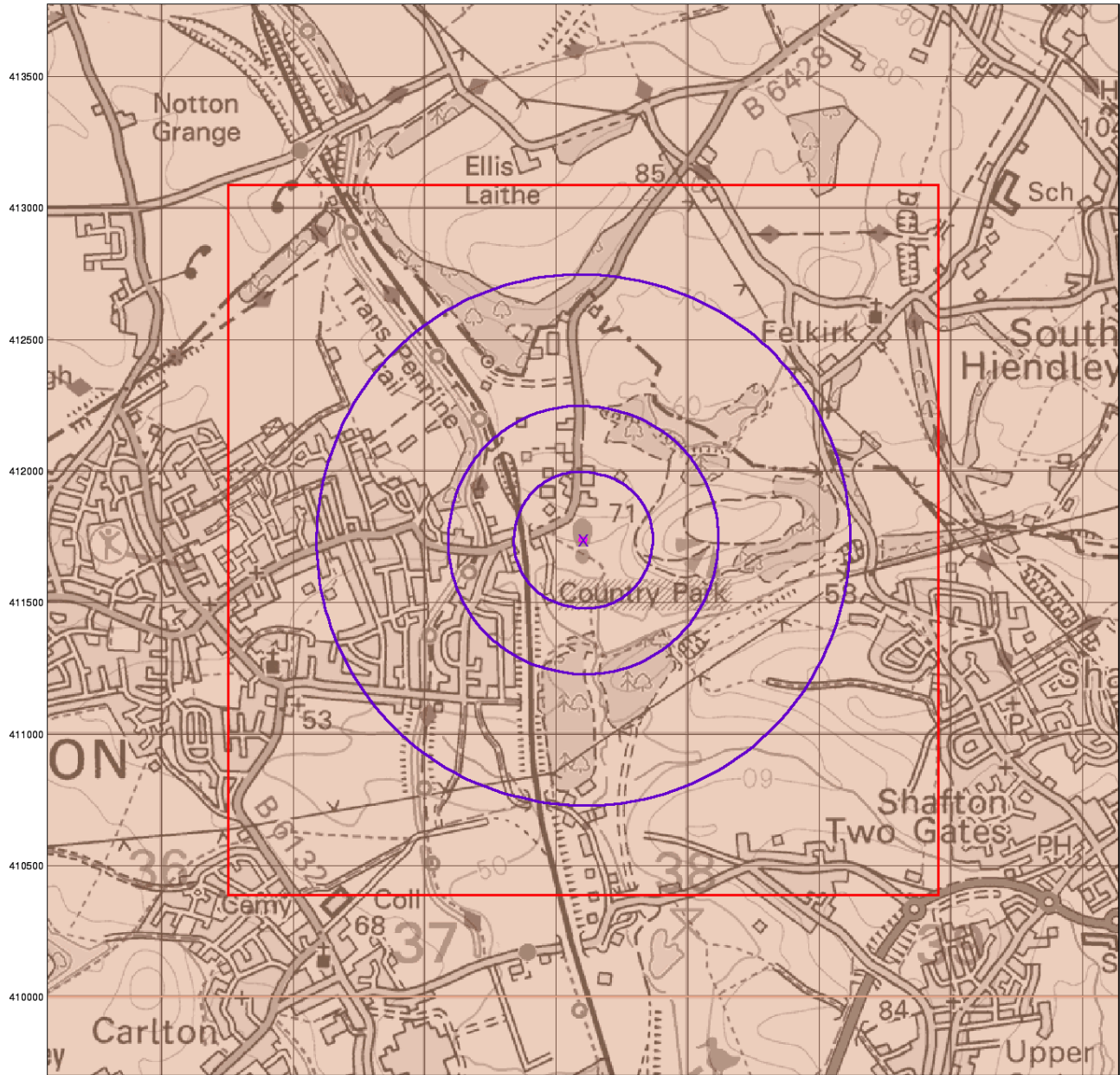
### Site Details

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436000 436500 437000 437500 438000 438500 439000 439500



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0 1 km



## Bedrock Aquifer Designation

### General

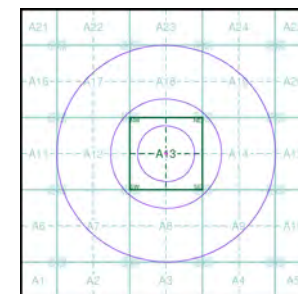
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice A



### Order Details

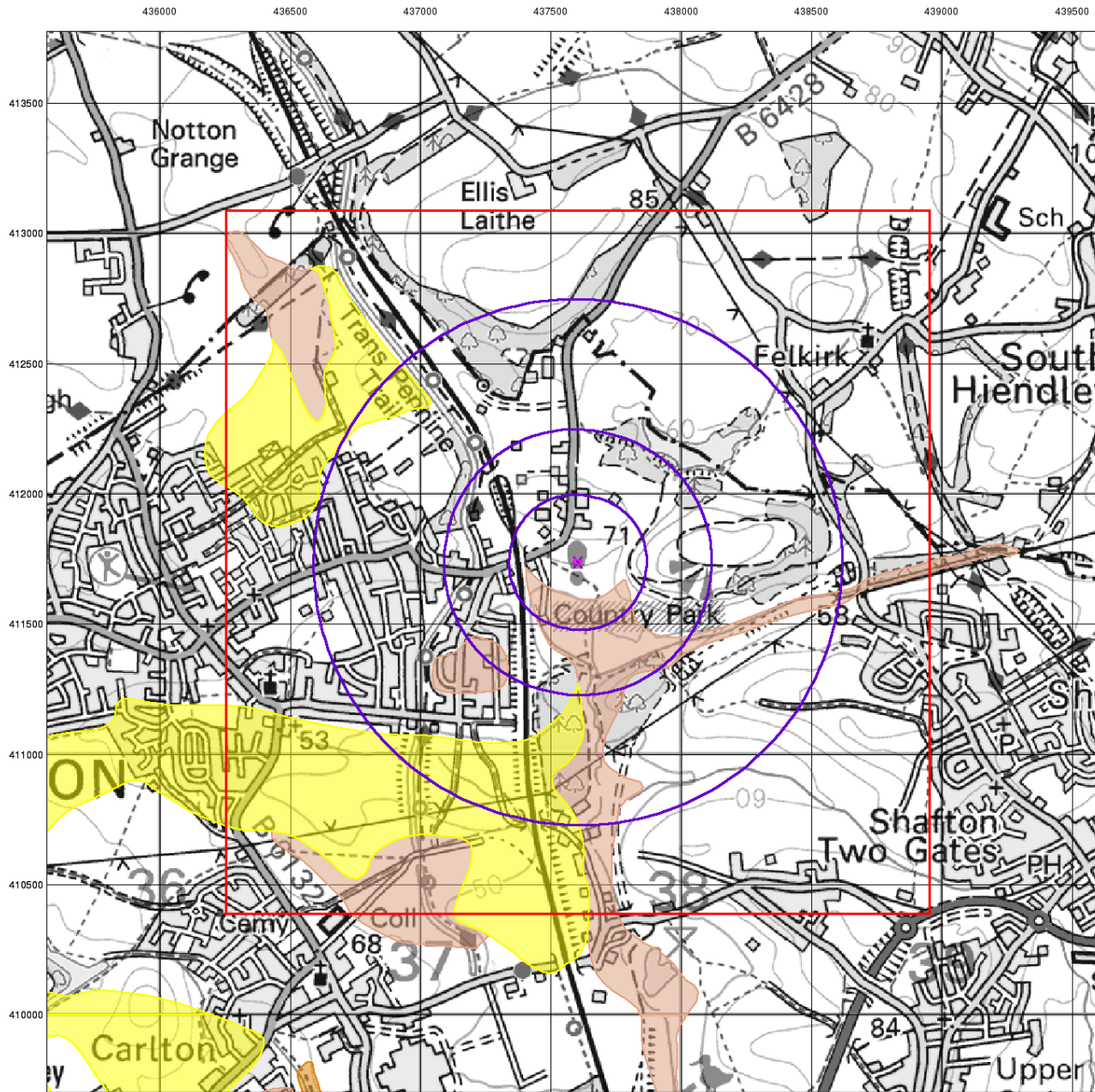
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 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
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 Search Buffer (m): 1000

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## Superficial Aquifer Designation

### General

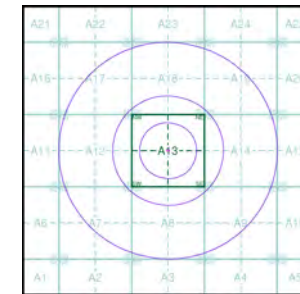
- ◆ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- B Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice A



### Order Details

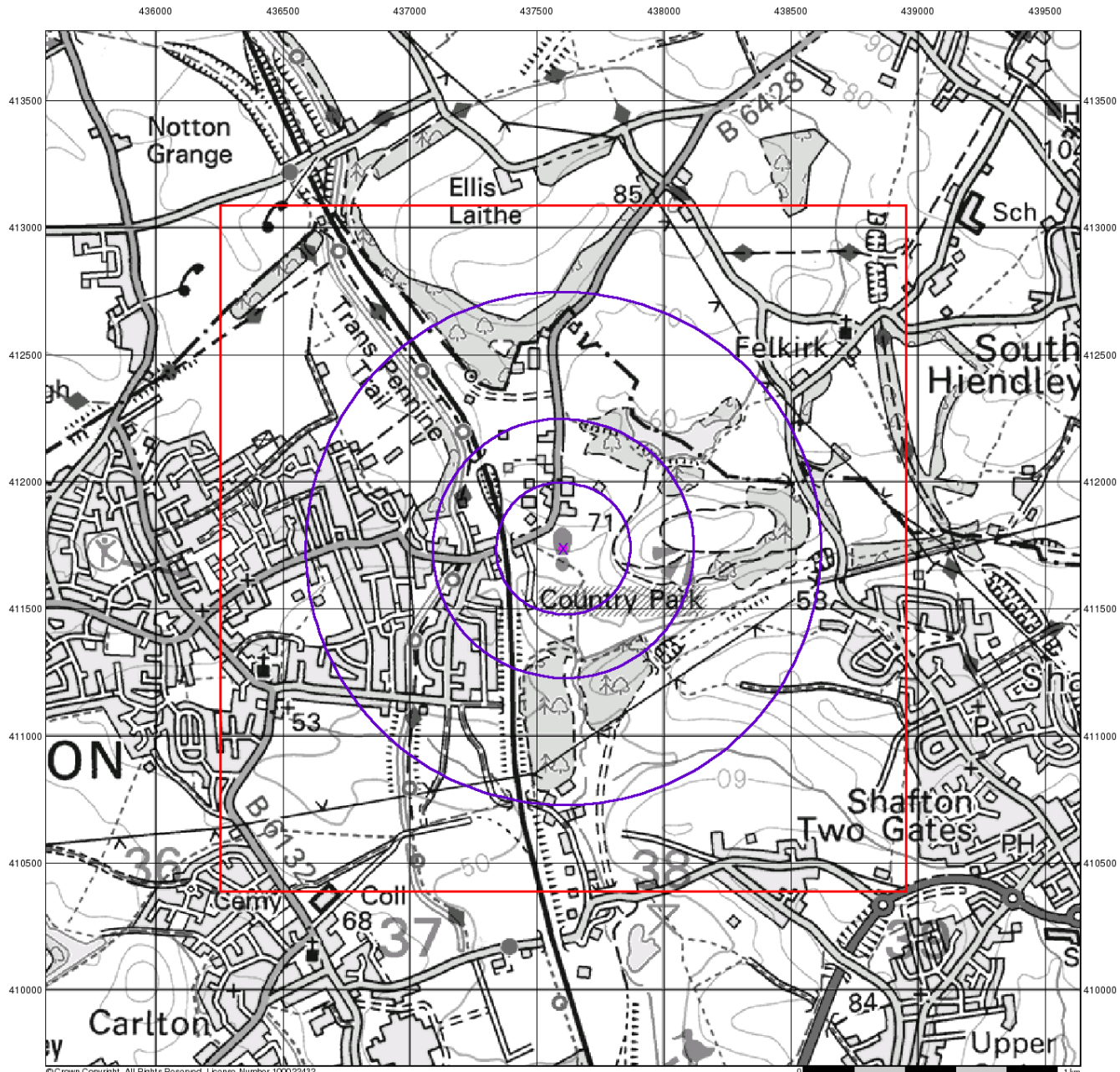
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 Customer Ref: 24-562  
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## Source Protection Zones

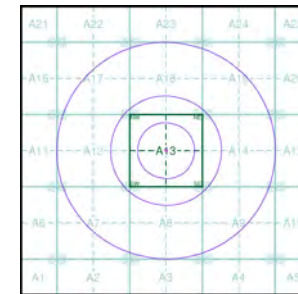
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



### Order Details

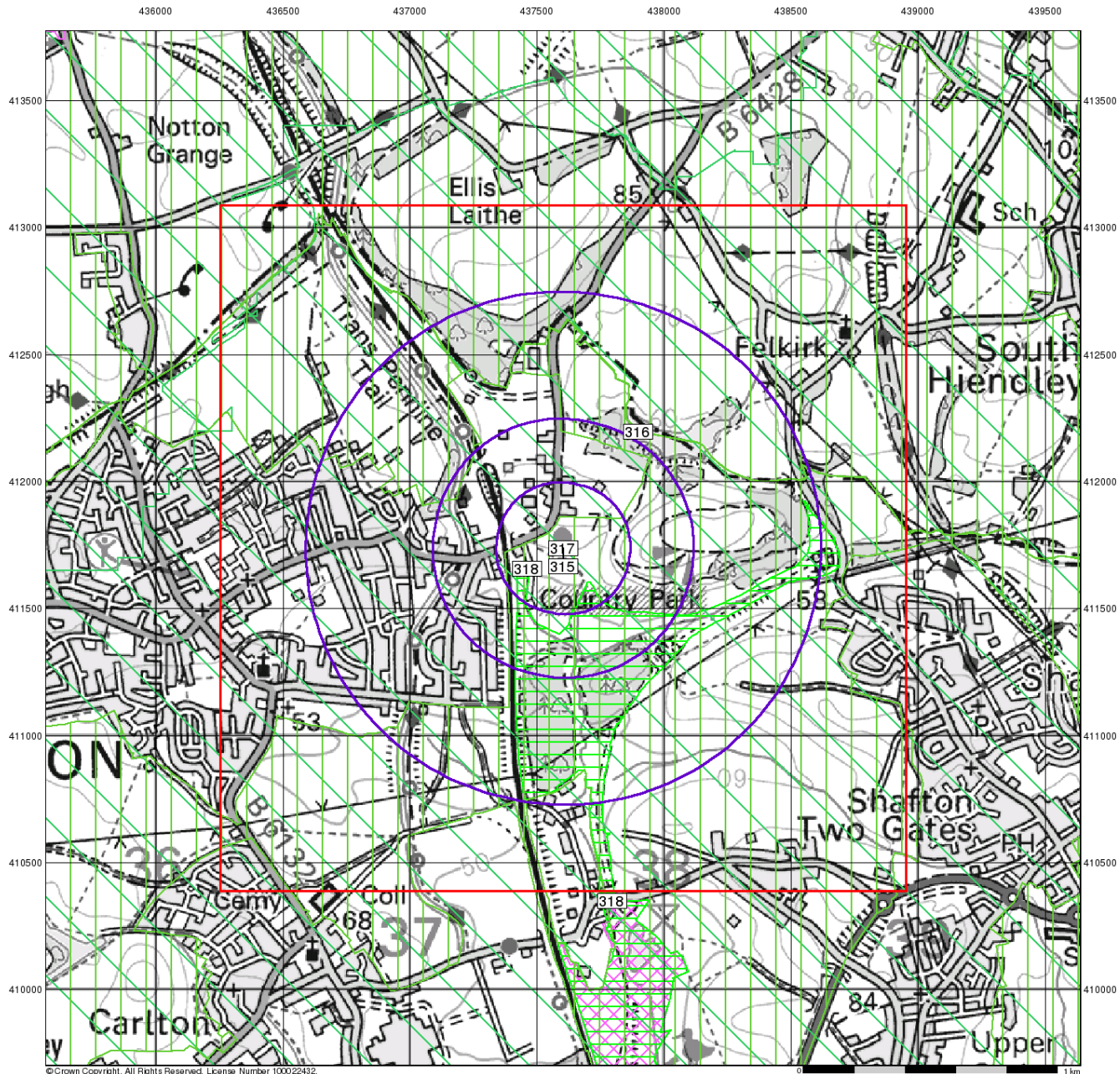
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
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 Site Area (Ha): 0.04  
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## Sensitive Land Uses

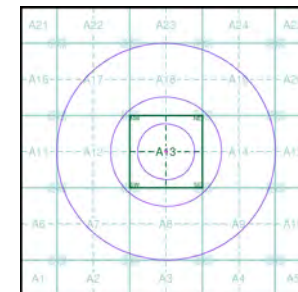
### General

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

### Sensitive Land Uses

-  Ancient Woodland
-  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
-  World Heritage Sites

### Site Sensitivity Context Map - Slice A



### Order Details

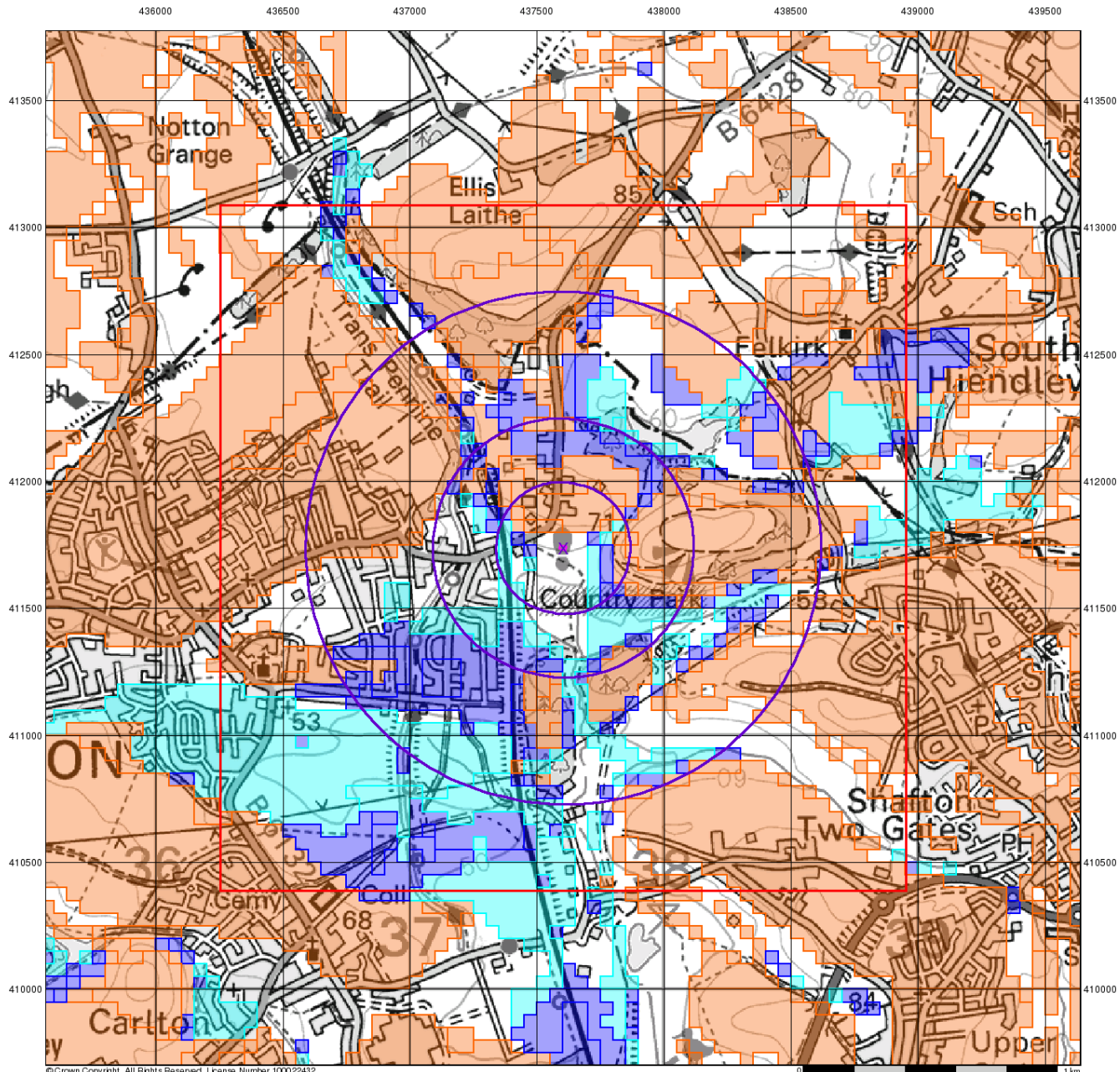
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 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

### Site Details

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB



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### BGS Flood GFS Data

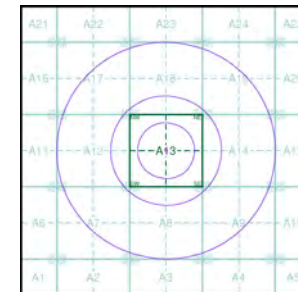
#### General

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

#### Agency and Hydrological (Flood)

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

#### Site Sensitivity Context Map - Slice A



#### Order Details

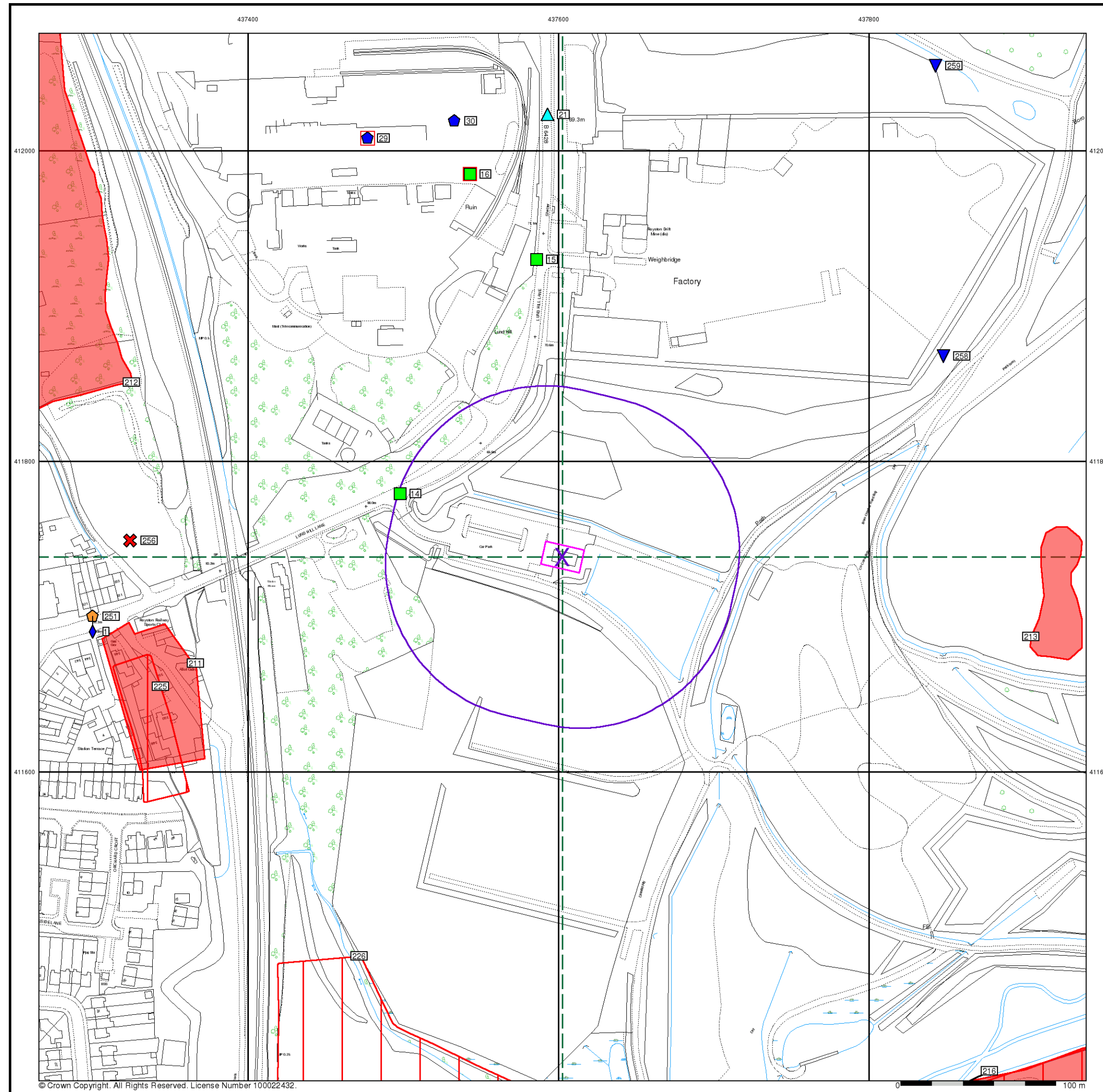
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

#### Site Details

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB

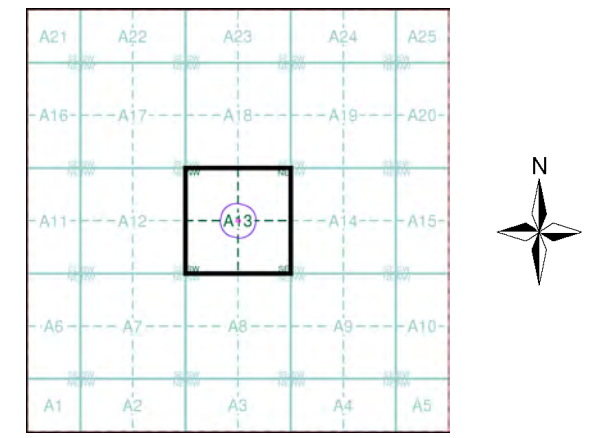


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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
  - Pylon
  - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - 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 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
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
  - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site
  - 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

**Site Sensitivity Map - Segment A13**



**Order Details**

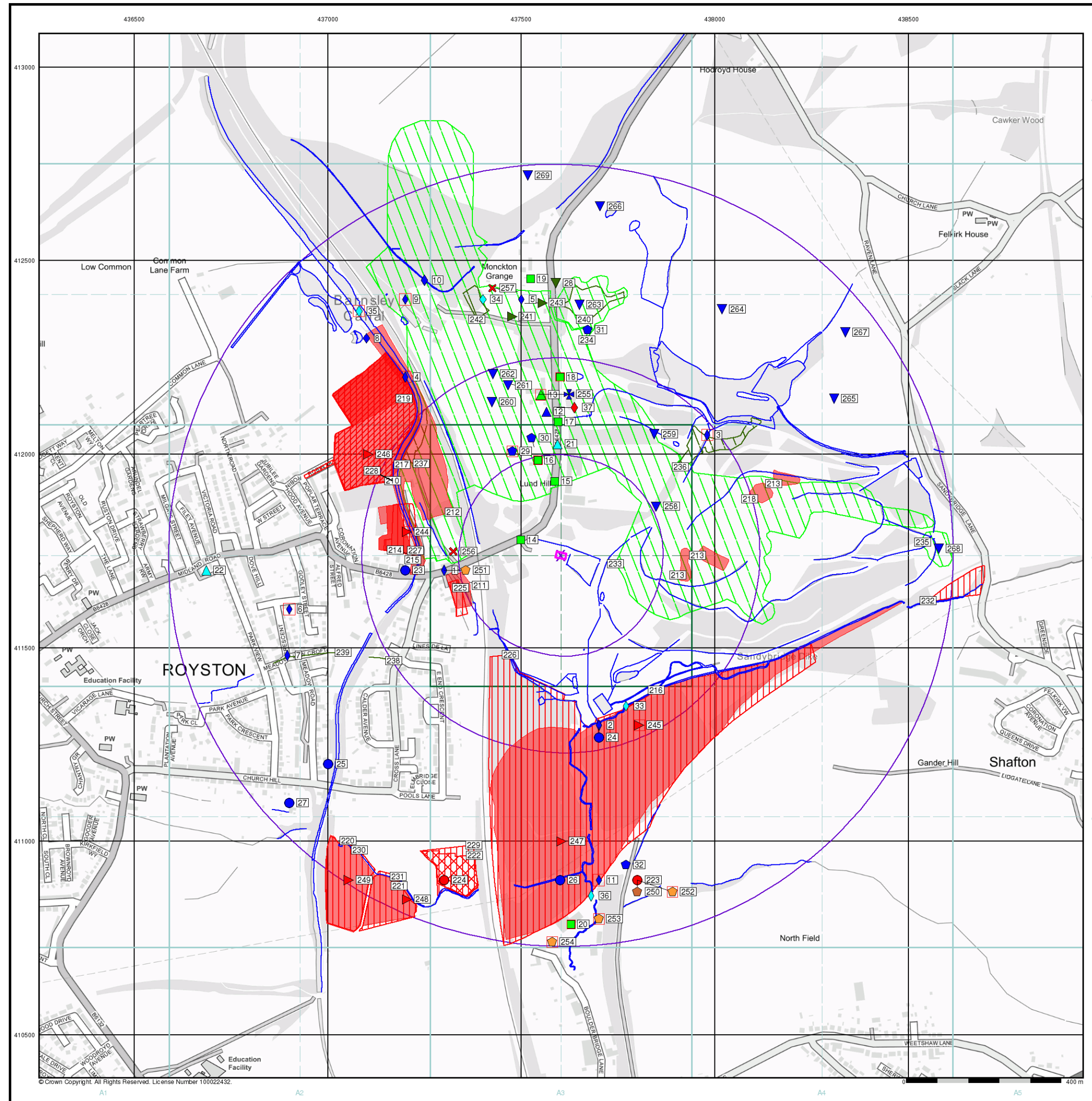
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Plot Buffer (m): 100

**Site Details**

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB

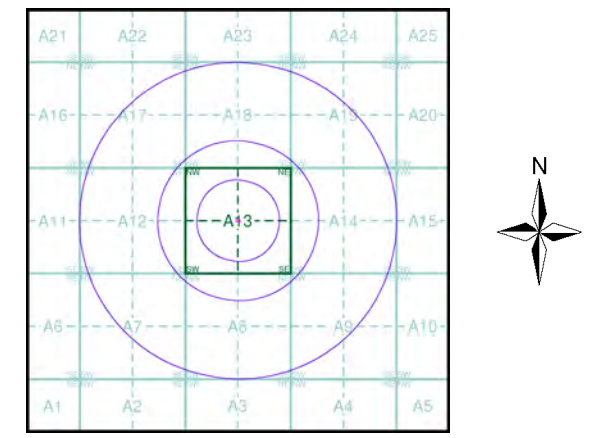
**Landmark**  
 INFORMATION GROUP

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 Web: www.envirocheck.co.uk



- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
- 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
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
  - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site

**Site Sensitivity Map - Slice A**

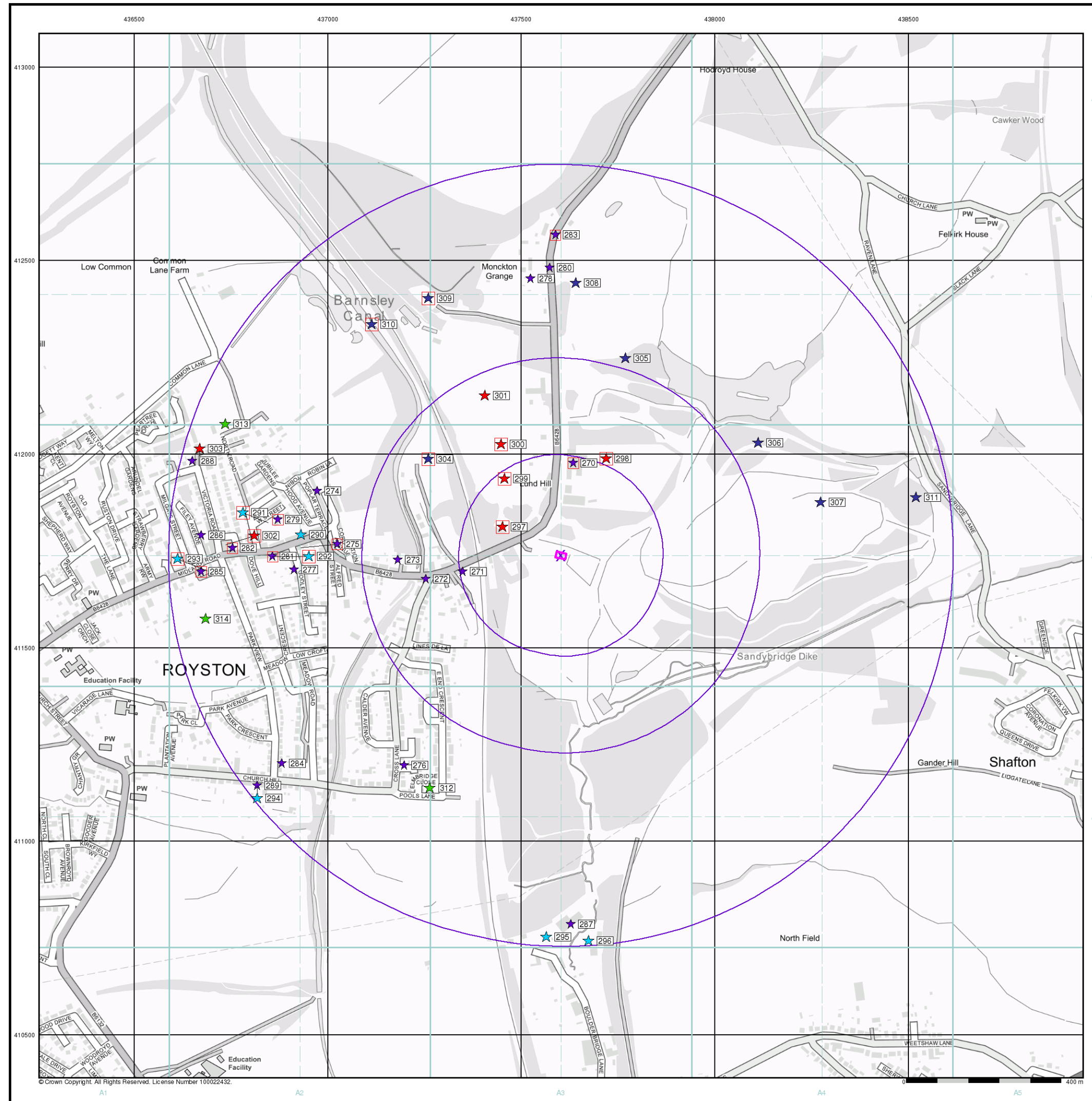


**Order Details**

Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB



### Industrial Land Use Map

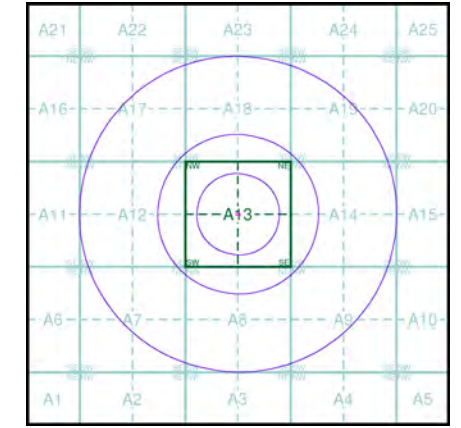
#### General

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

#### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

#### Industrial Land Use Map - Slice A



#### Order Details

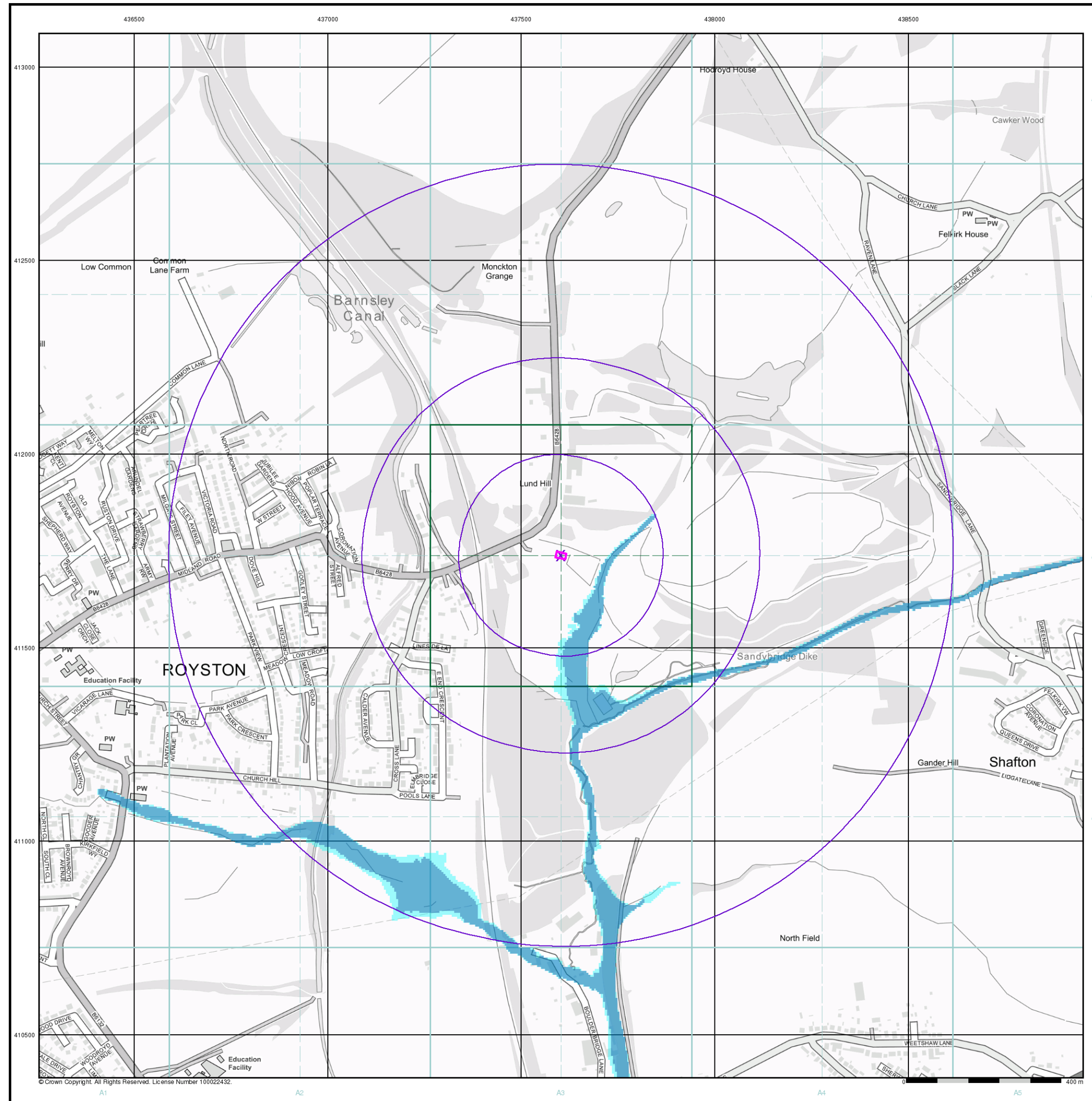
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

#### Site Details

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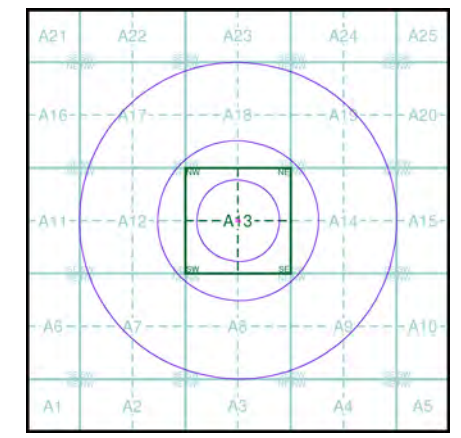
**General**

- 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**

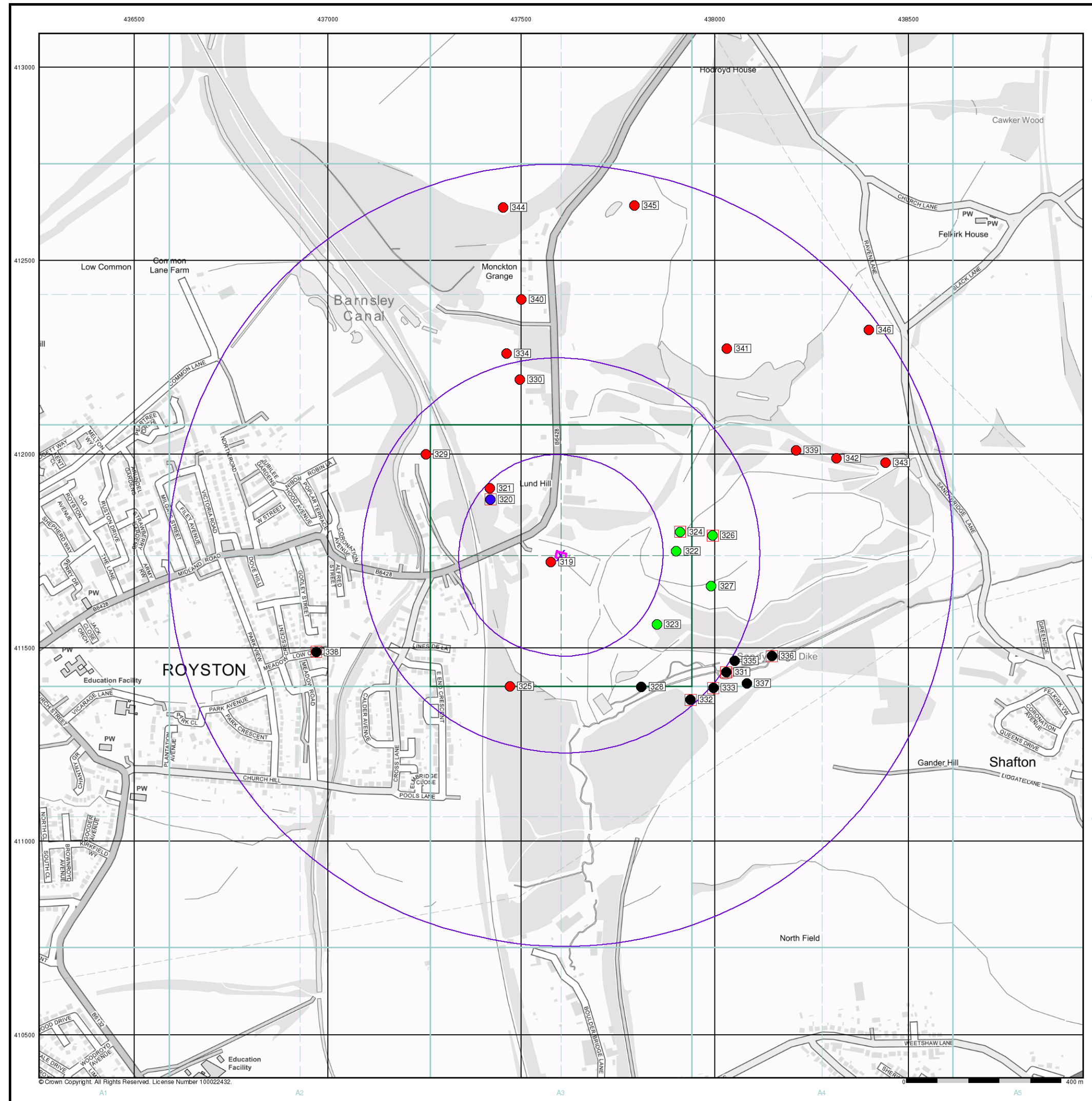
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 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

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**General**

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

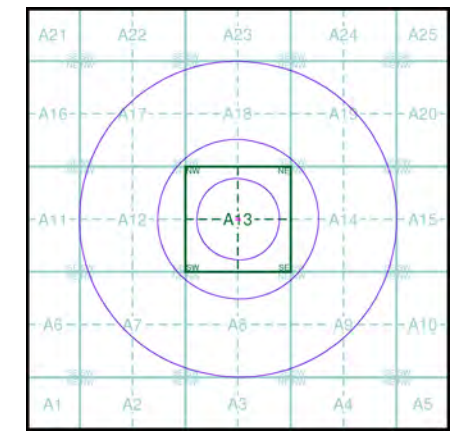
**Agency and Hydrological (Boreholes)**

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

For Borehole information please refer to the Borehole .csv file 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](http://www.envirocheck.co.uk).

**Borehole Map - Slice A**



**Order Details**

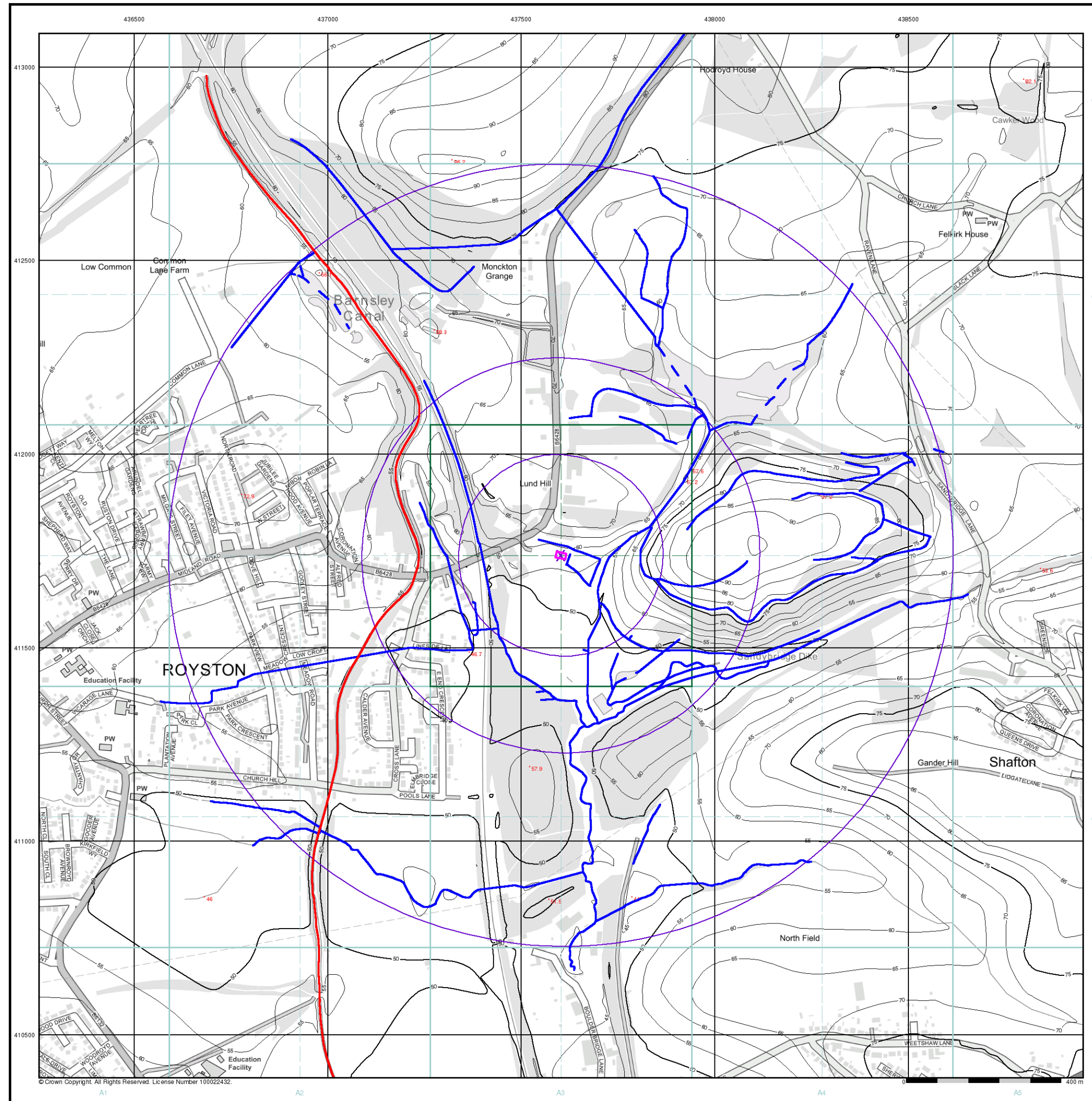
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

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 Fax: 0844 844 9951  
 Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

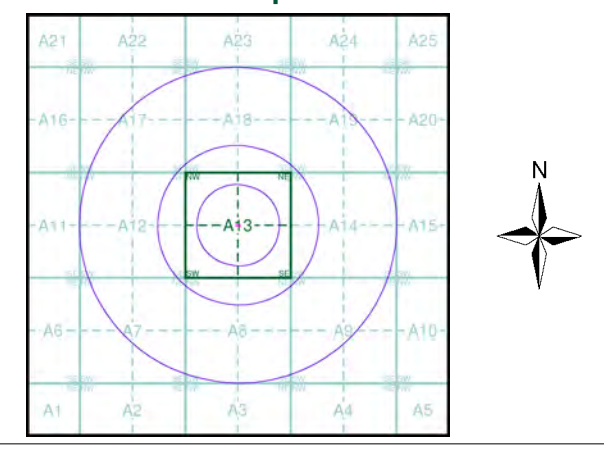


- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point

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

- Contours (height in meters)**
- Standard Contour 105 Mean Low Water
- Master Contour 100 Mean High Water
- Spot Height 167.3

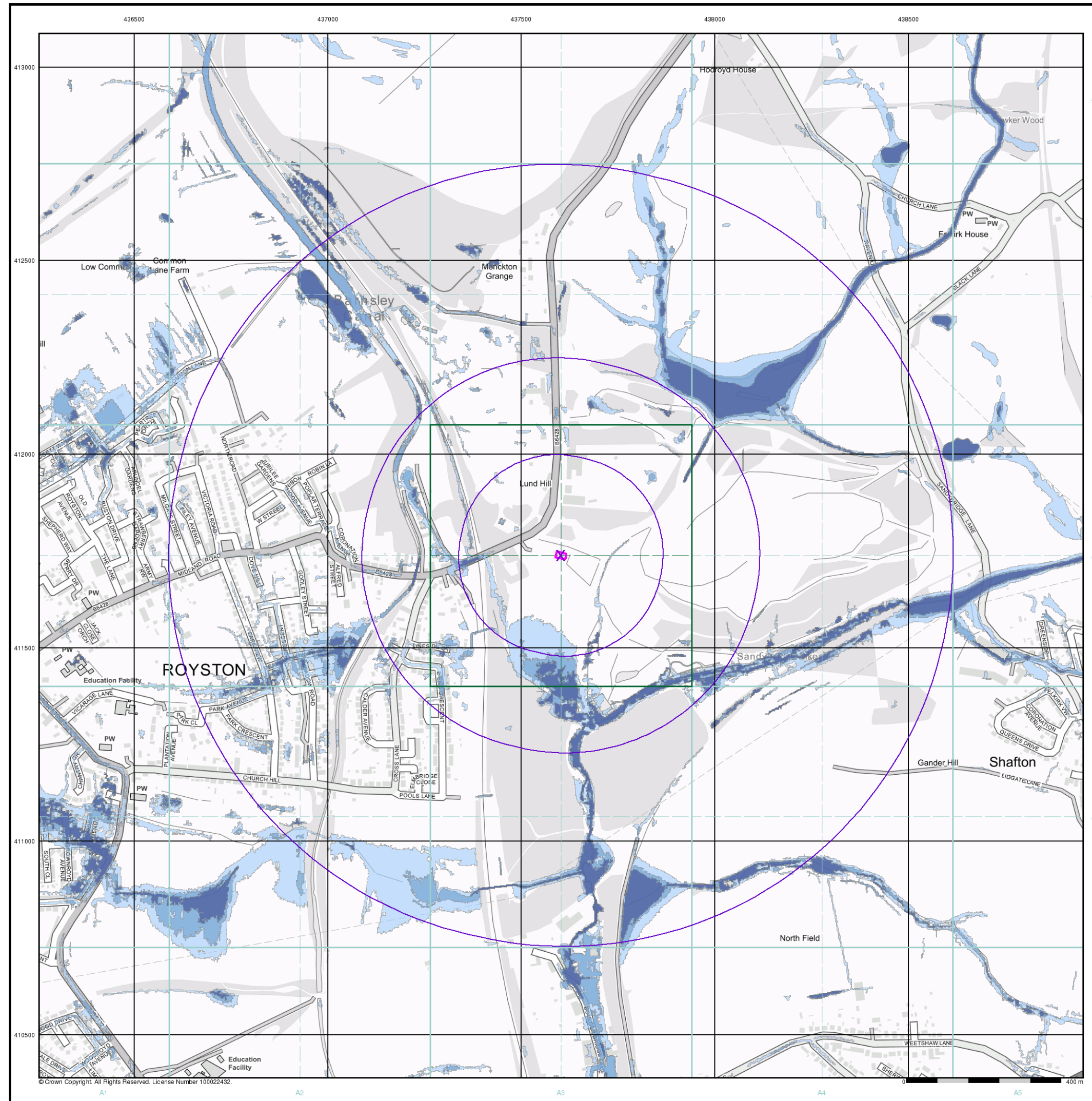
**OS Water Network Map - Slice A**



**Order Details**

Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**  
 Rabbit Ings Country Park, Lund Hill Lane, Royston,  
 BARNSELEY, S71 4BB



**General**

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

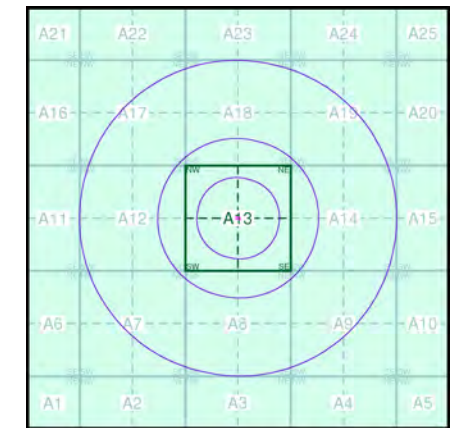
**Risk of Flooding from Surface Water**

- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

**Suitability**

- See the suitability map below
- National to county
  - County to town
  - Town to street
  - Street to parcels of land
  - Property

**EANRW Suitability Map - Slice A**



**Order Details**

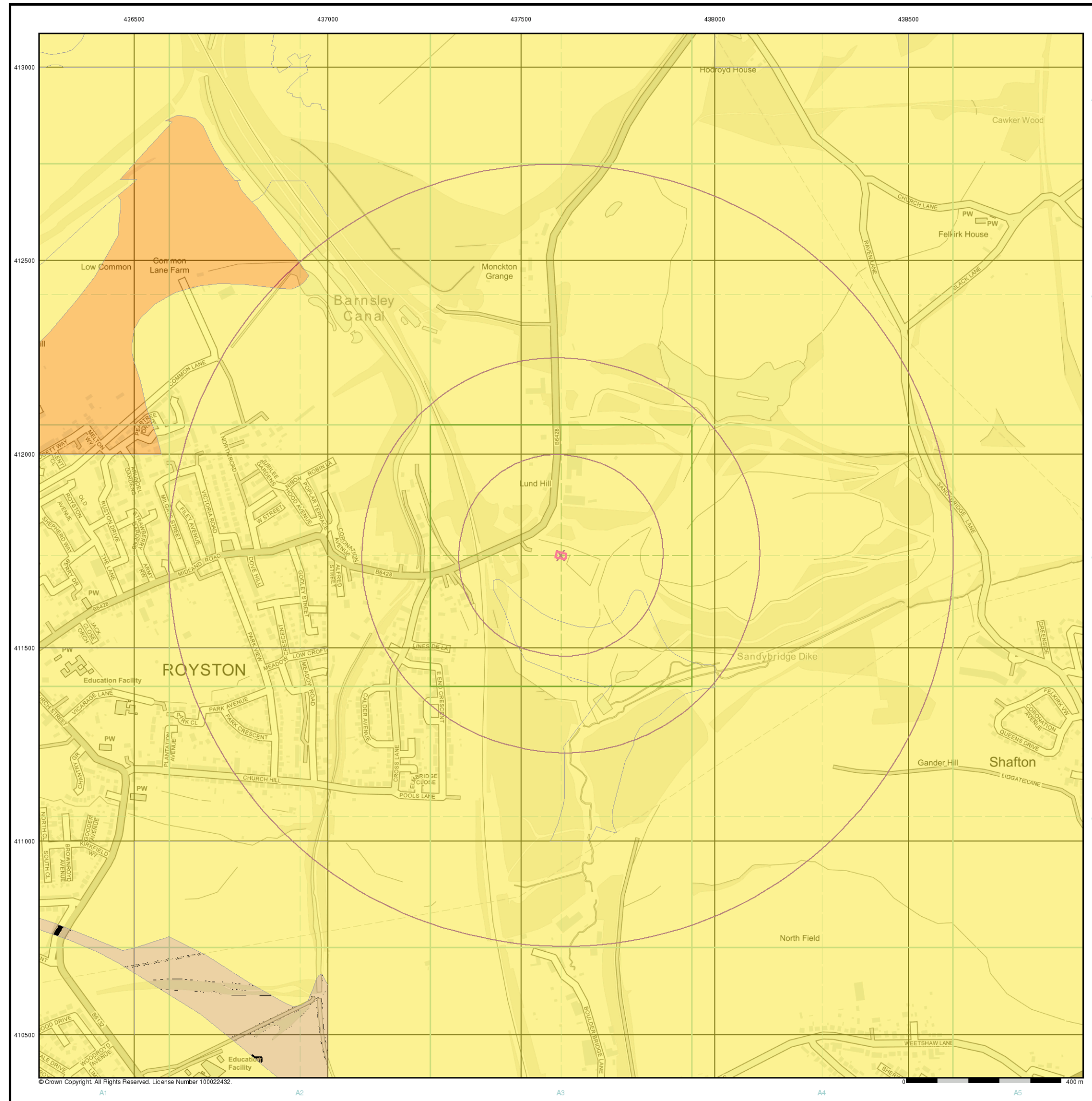
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

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

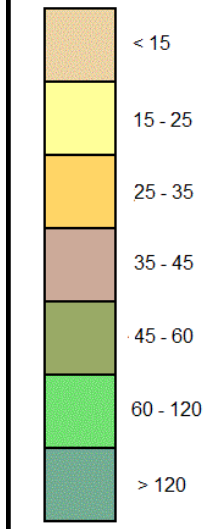


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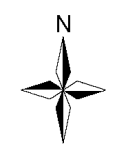
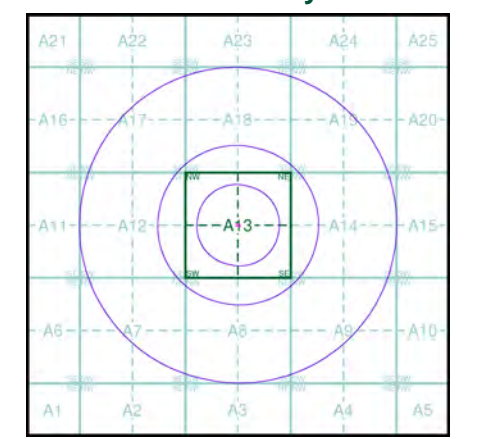
- \* Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

**Estimated Soil Chemistry Arsenic**

Arsenic Concentrations mg/kg



**Estimated Soil Chemistry Arsenic - Slice A**



**Order Details**

Order Details: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

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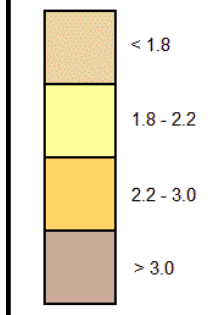


**General**

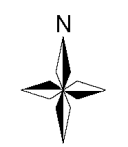
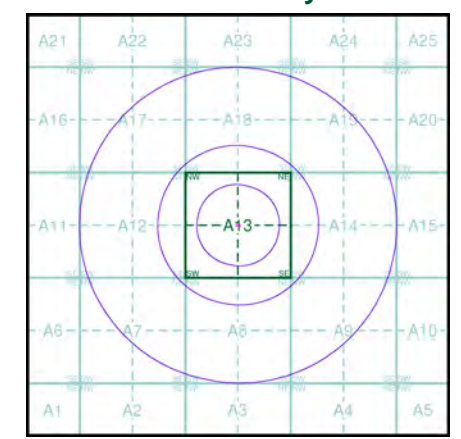
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

**Estimated Soil Chemistry Cadmium**

Cadmium Concentrations mg/kg



**Estimated Soil Chemistry Cadmium - Slice A**



**Order Details**

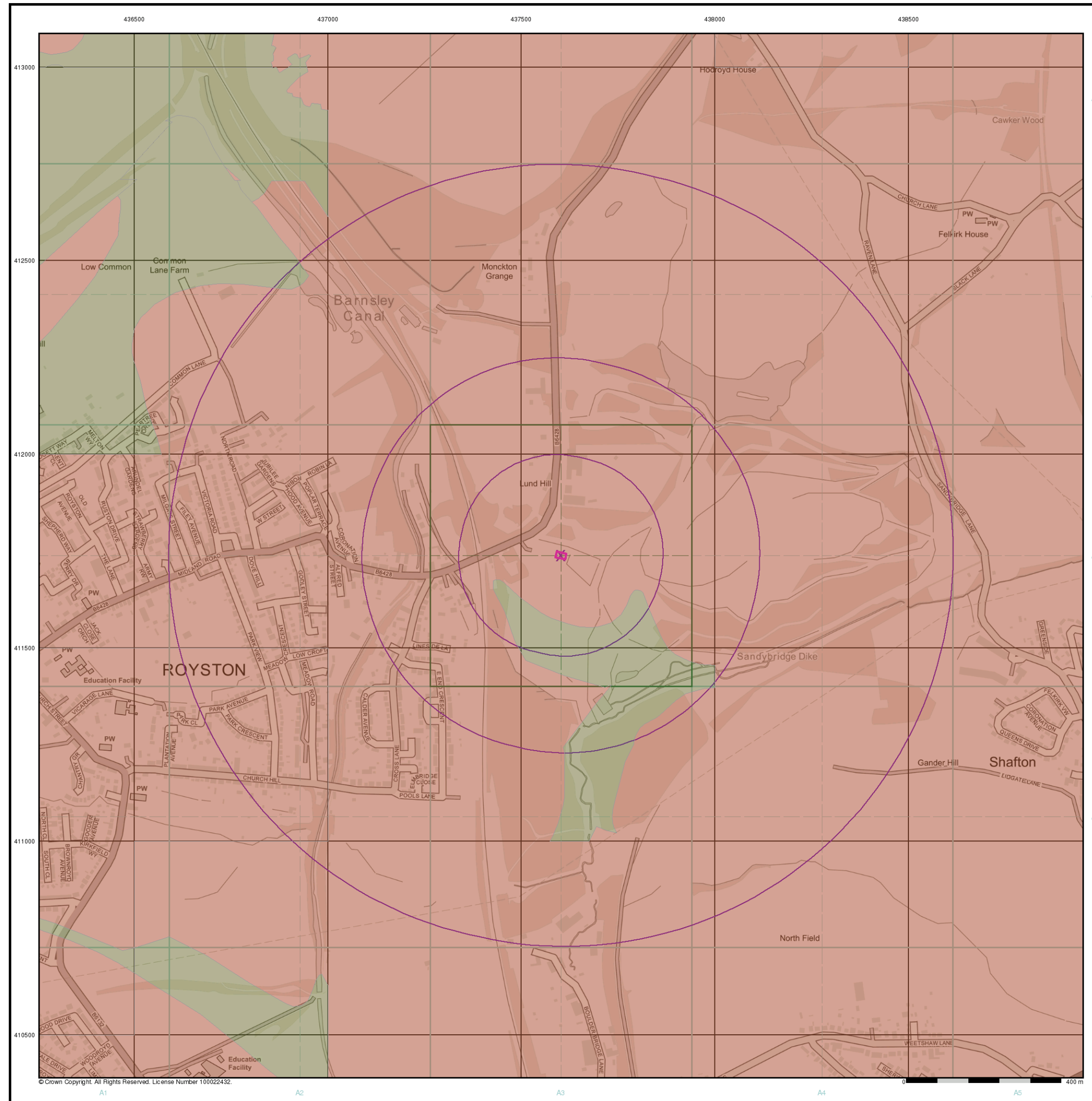
Order Details: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

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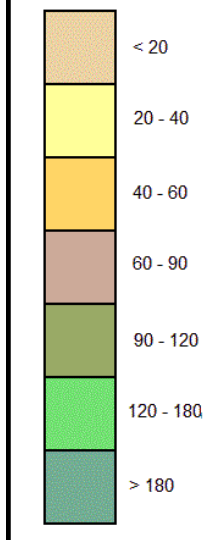


**General**

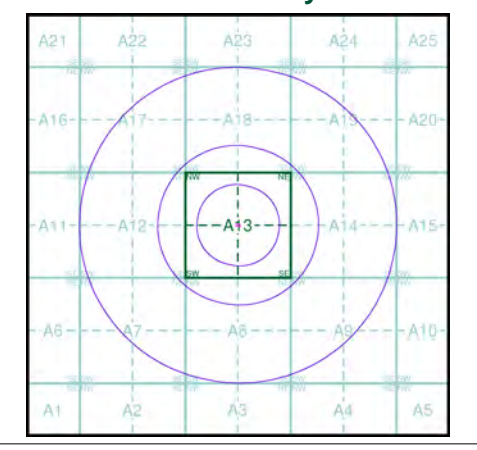
✕ Specified Site    
○ Specified Buffer(s)    
✕ Bearing Reference Point

**Estimated Soil Chemistry Chromium**

Chromium Concentrations mg/kg



**Estimated Soil Chemistry Chromium - Slice A**

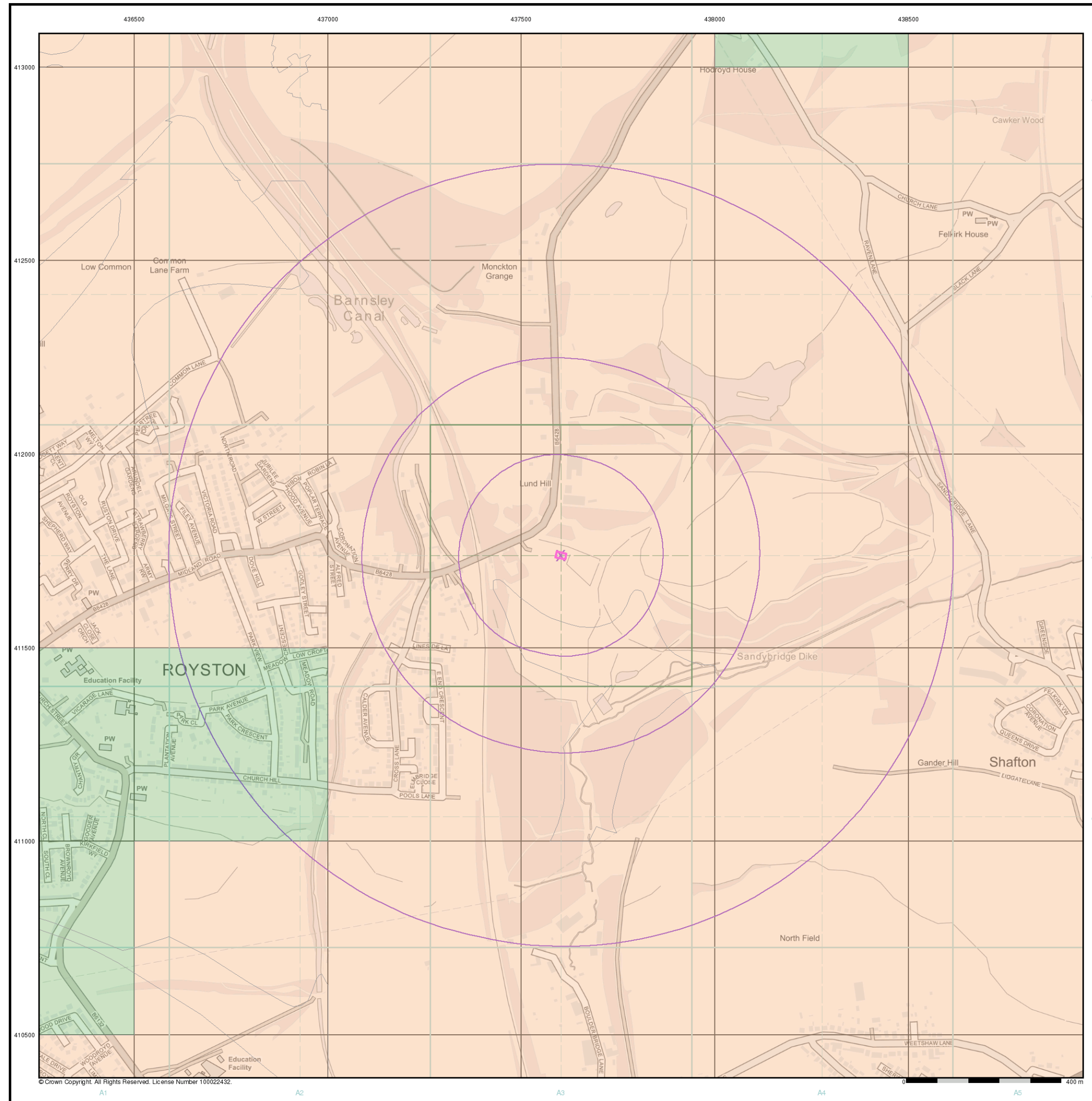


**Order Details**

Order Details: 354740027\_1\_1  
Customer Ref: 24-562  
National Grid Reference: 437600, 411740  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

**Site Details**

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB

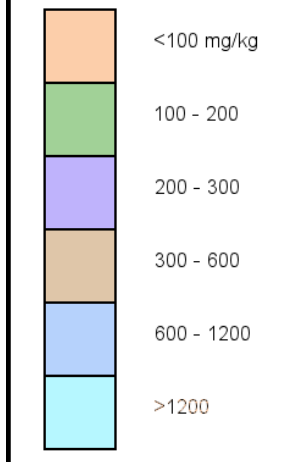


**General**

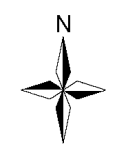
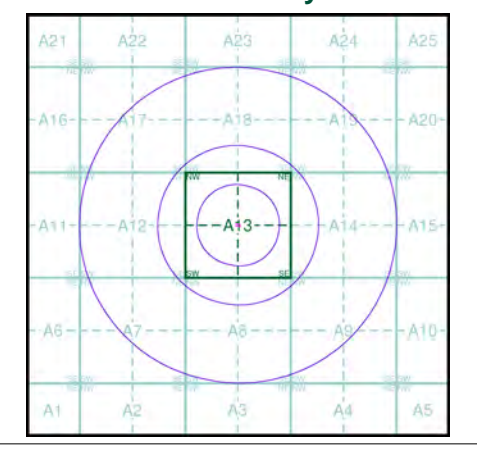
- ✱ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

**Estimated Soil Chemistry Lead**

Lead Concentrations mg/kg



**Estimated Soil Chemistry Lead - Slice A**



**Order Details**

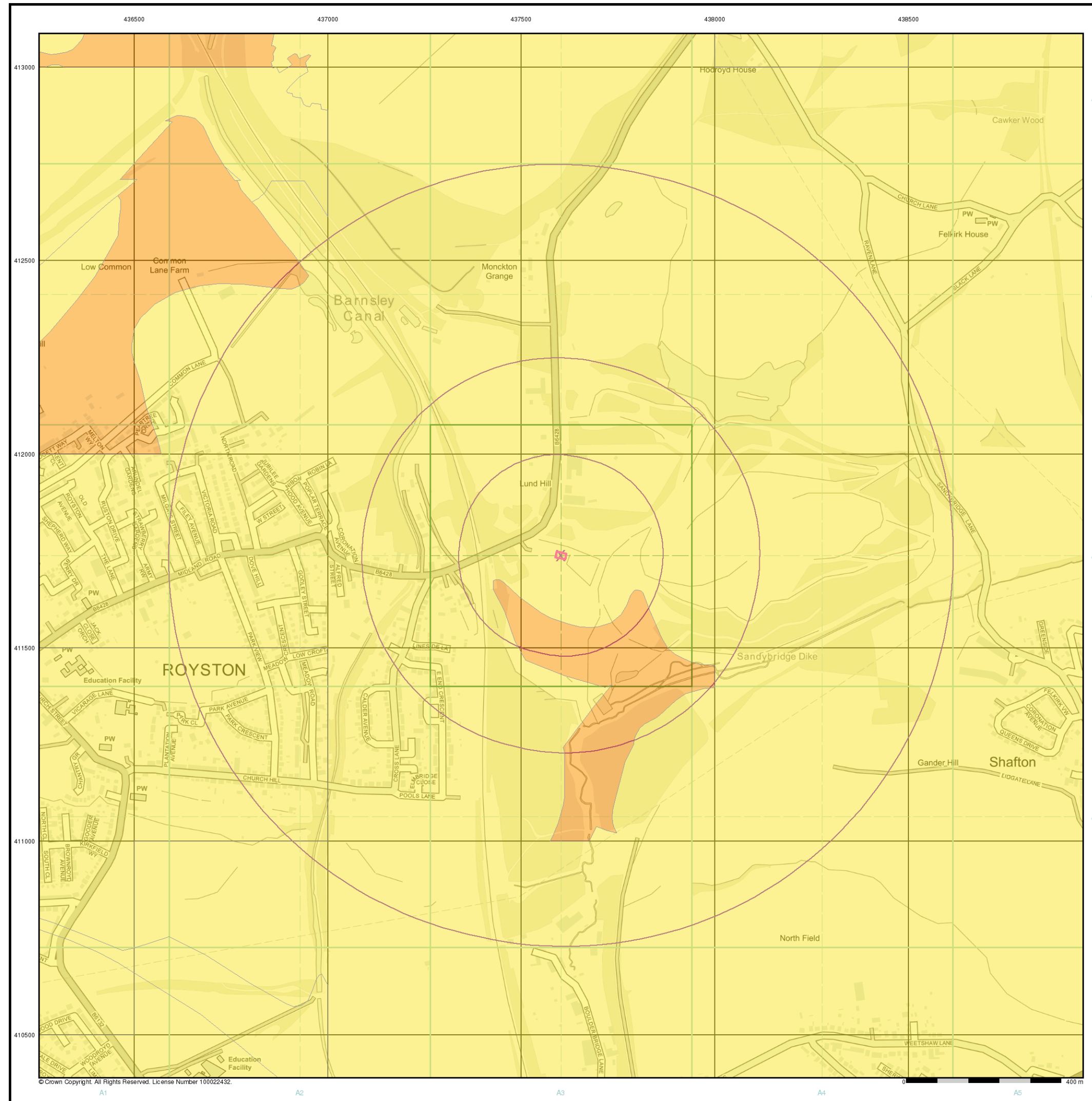
Order Details: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB



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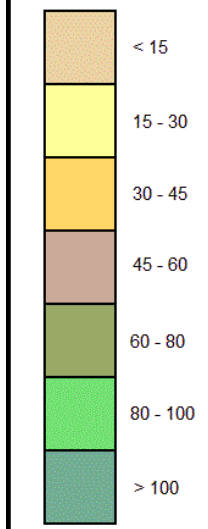


**General**

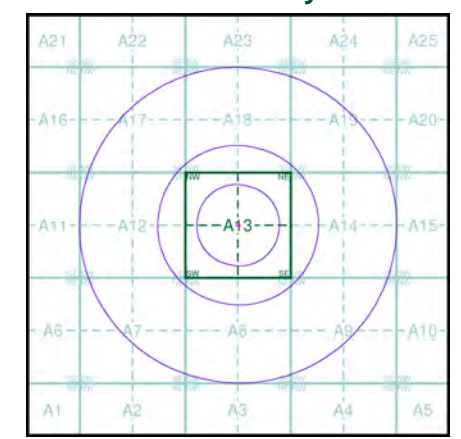
- \* Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

**Estimated Soil Chemistry Nickel**

Nickel Concentrations mg/kg



**Estimated Soil Chemistry Nickel - Slice A**



**Order Details**

Order Details: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

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# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Co. Boro. Bdy.**  
**Co. Burgh Bdy.**  
**BP BS** 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

**Inactive Quarry, Chalk Pit or Clay Pit**   **Active Quarry, Chalk Pit or Clay Pit**  
**Rock**   **Boulders**  
**Cliff**   **Slopes**   **Top**  
**Roofed Building**   **Glazed Roof Building**  
**Sloping Masonry**   **Archway**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Bench Mark**   **Antiquity (site of)**  
**Cave Entrance**   **Triangulation Station**   **Electricity Pylon**  
**Electricity Transmission Line**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Civil Parish Boundary**  
**Admin. County or County Bor. Boundary**  
**London Borough Boundary**  
**Symbol marking point where boundary mereing changes**  
**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  
**EI 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

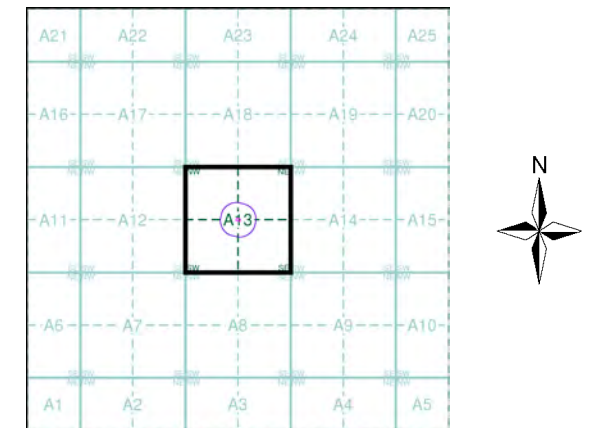
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**B.M. 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**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  
**EI Gen Sta** Electricity Generating Station   **Sewage Ppg Sta** Sewage Pumping Station  
**EI P** Electricity Pole, Pillar   **SB, S Br** Signal Box or Bridge  
**EI 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 Governor   **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



## 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	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 - 1991	8
Ordnance Survey Plan	1:2,500	1980	9
Large-Scale National Grid Data	1:1,250	1993	10
Large-Scale National Grid Data	1:2,500	1993	11
Large-Scale National Grid Data	1:1,250	1994	12
Historical Aerial Photography	1:2,500	1999	13

## Historical Map - Segment A13



## Order Details

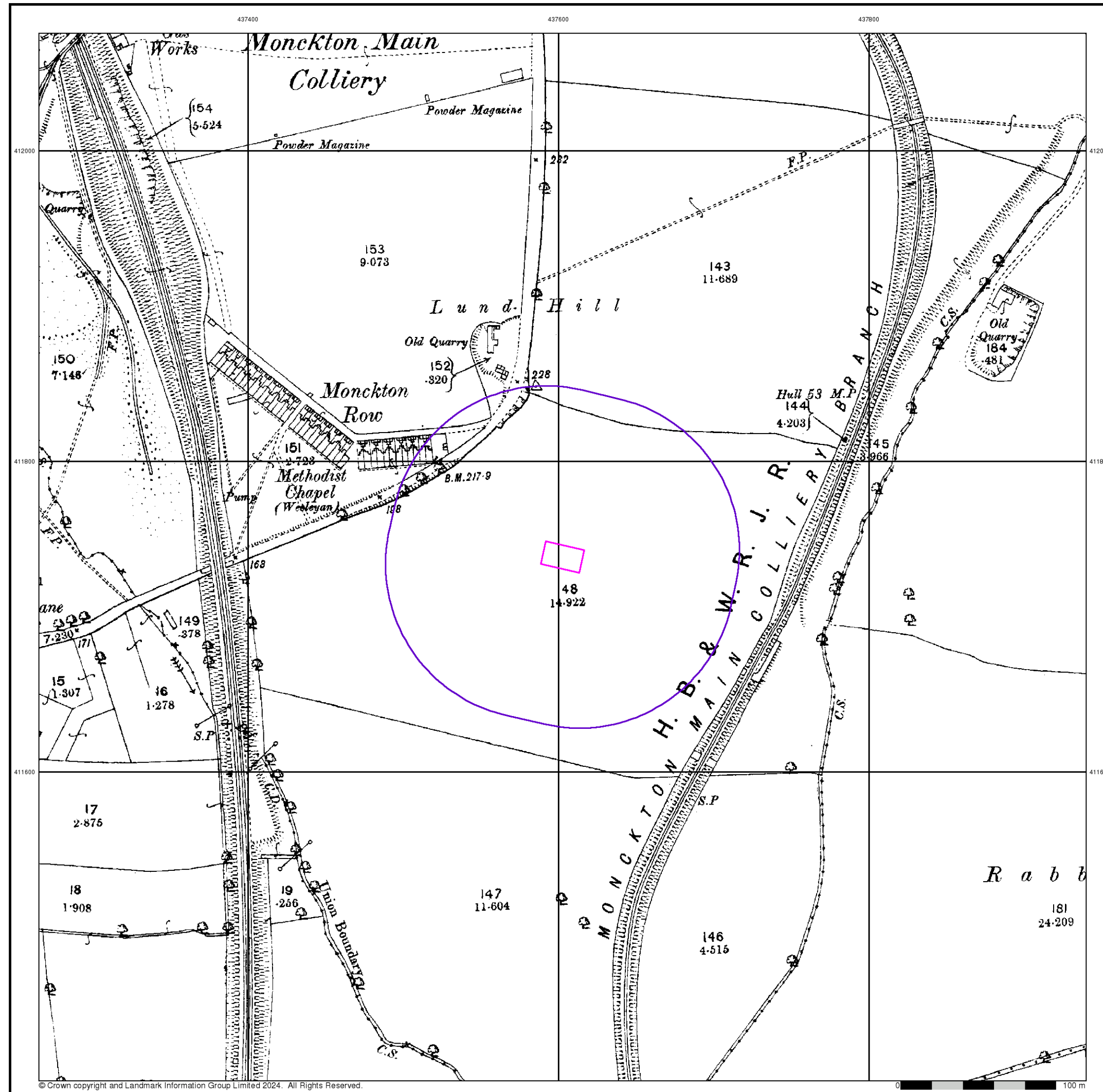
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

## Site Details

Rabbit Ings Country Park, Lund Hill Lane, Royston,  
 BARNSELEY, S71 4BB



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



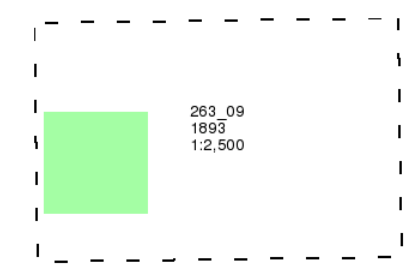
**Yorkshire**

**Published 1893**

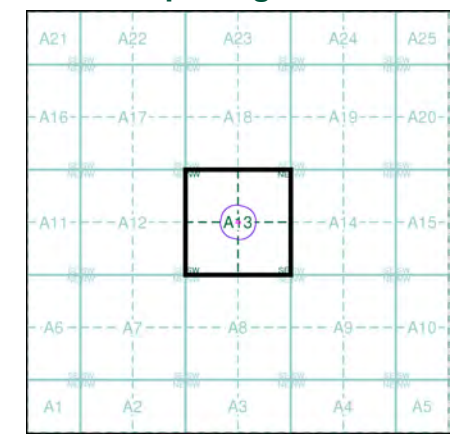
**Source map scale - 1:2,500**

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**



**Order Details**

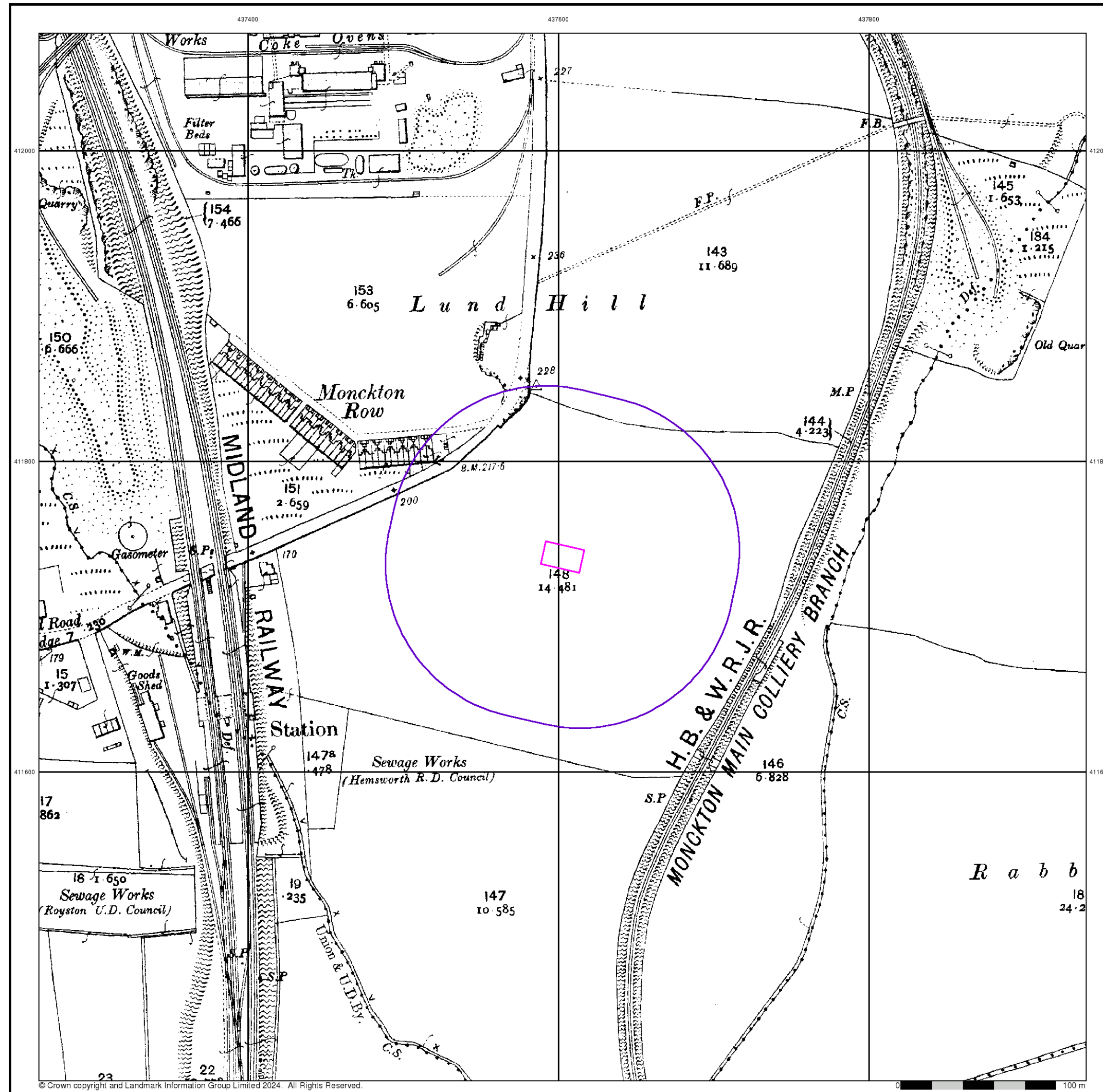
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

**Site Details**

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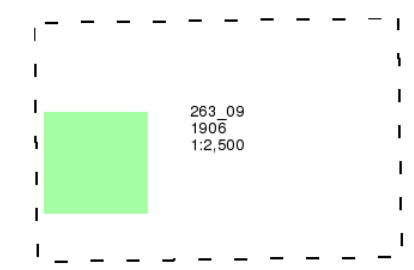
**Yorkshire**

**Published 1906**

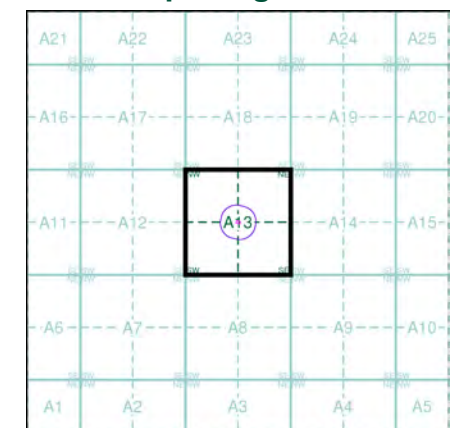
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

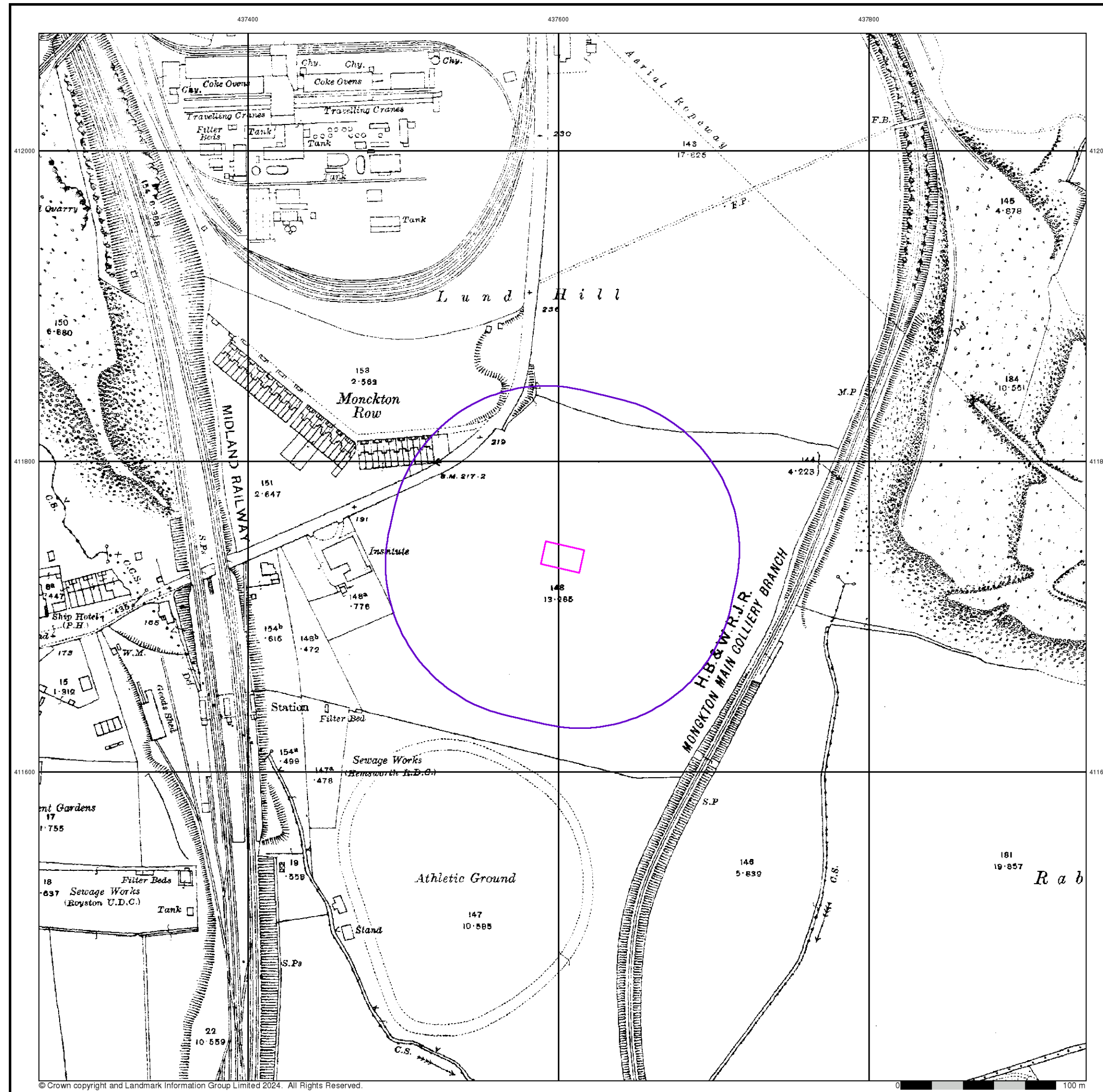
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

**Site Details**

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Tel: 0844 844 9952  
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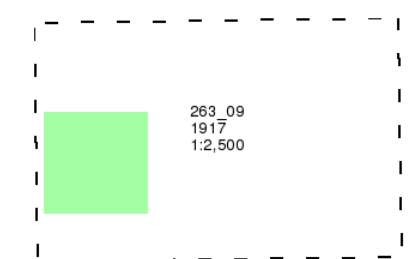
**Yorkshire**

**Published 1917**

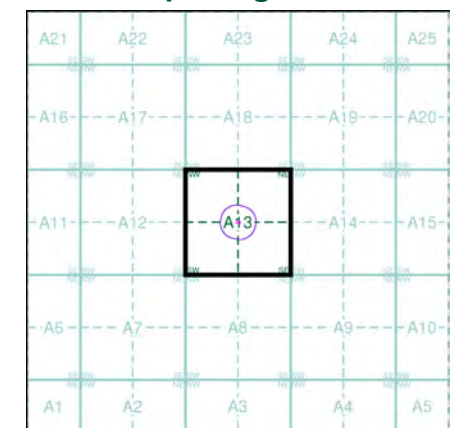
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

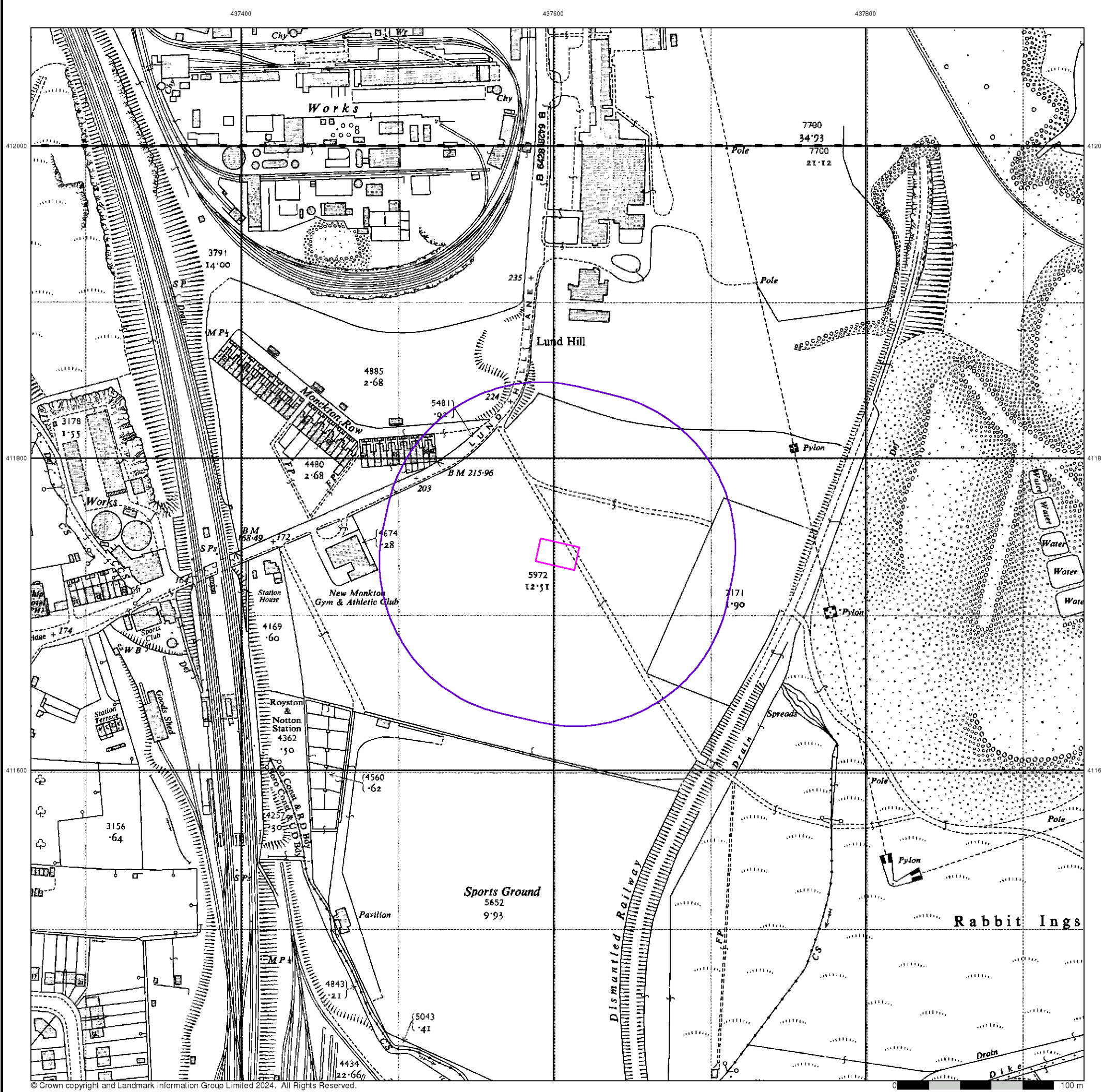
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

**Site Details**

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Tel: 0844 844 9952  
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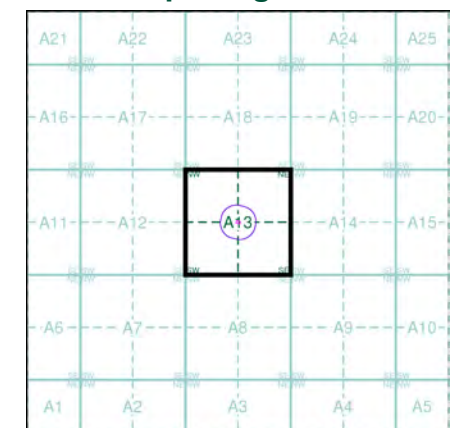
**Ordnance Survey Plan**  
**Published 1962**  
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**

SE3712	1962	1:2,500
SE3711	1962	1:2,500

**Historical Map - Segment A13**



**Order Details**

Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

**Site Details**

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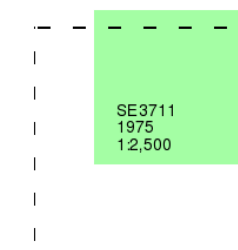
## Supply of Unpublished Survey Information

Published 1975

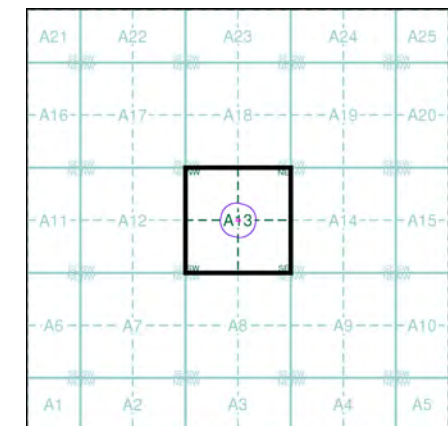
Source map scale - 1:2,500

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



### Order Details

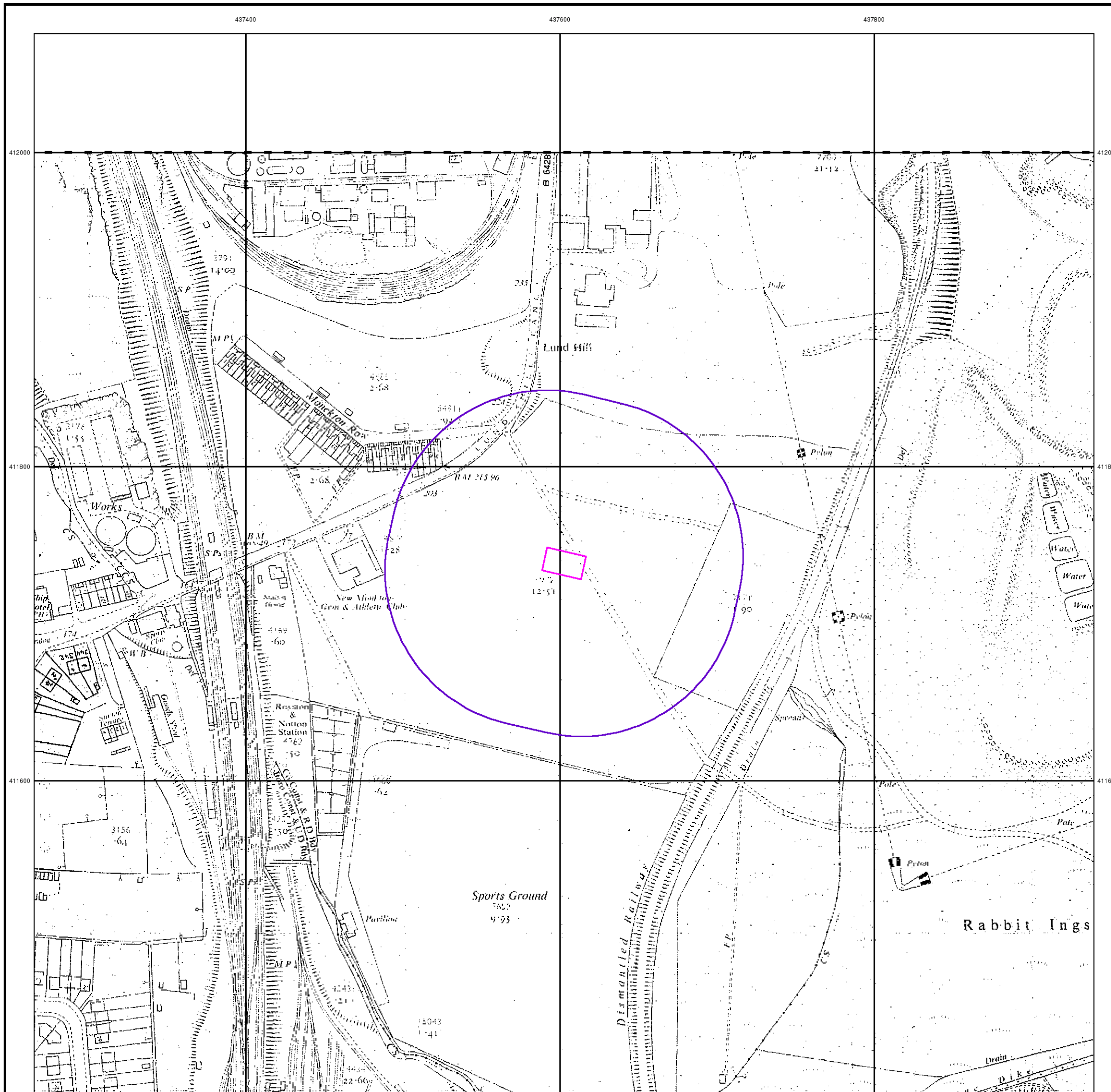
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Customer Ref: 24-562  
National Grid Reference: 437600, 411740  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 100

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437400

437600

437800



### Ordnance Survey Plan

Published 1977

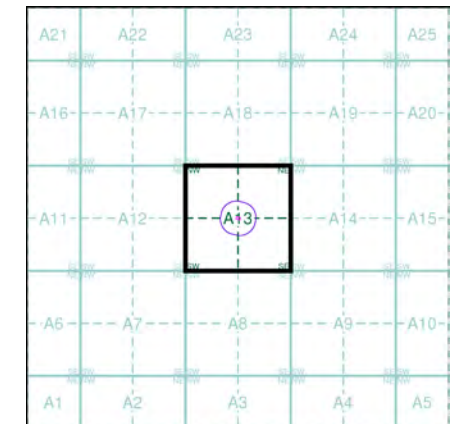
Source map scale - 1:1,250

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

SE3711NW
1977
1:1,250
SE3711SW
1977
1:1,250

### Historical Map - Segment A13



### Order Details

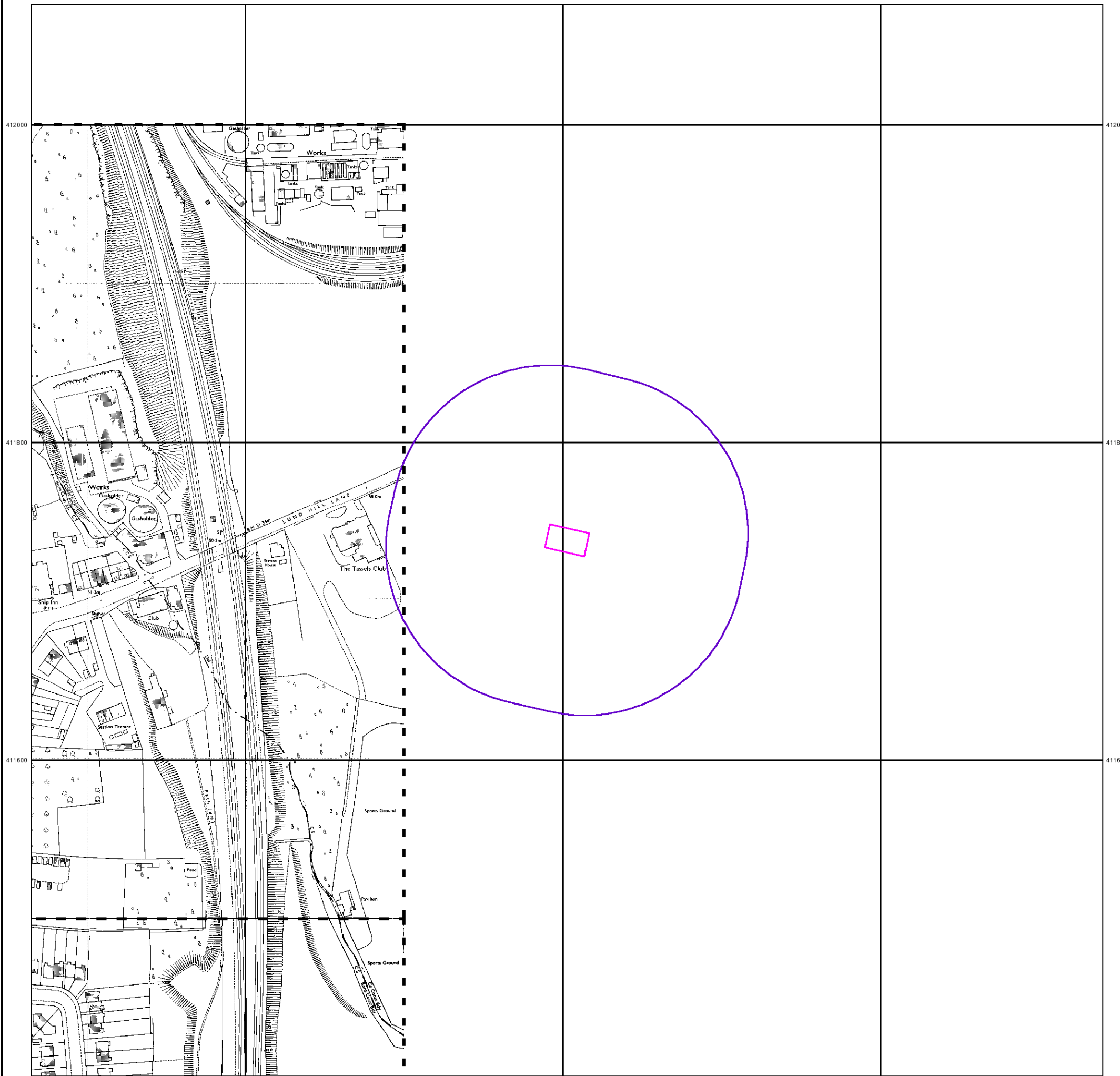
Order Number: 354740027\_1\_1  
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 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

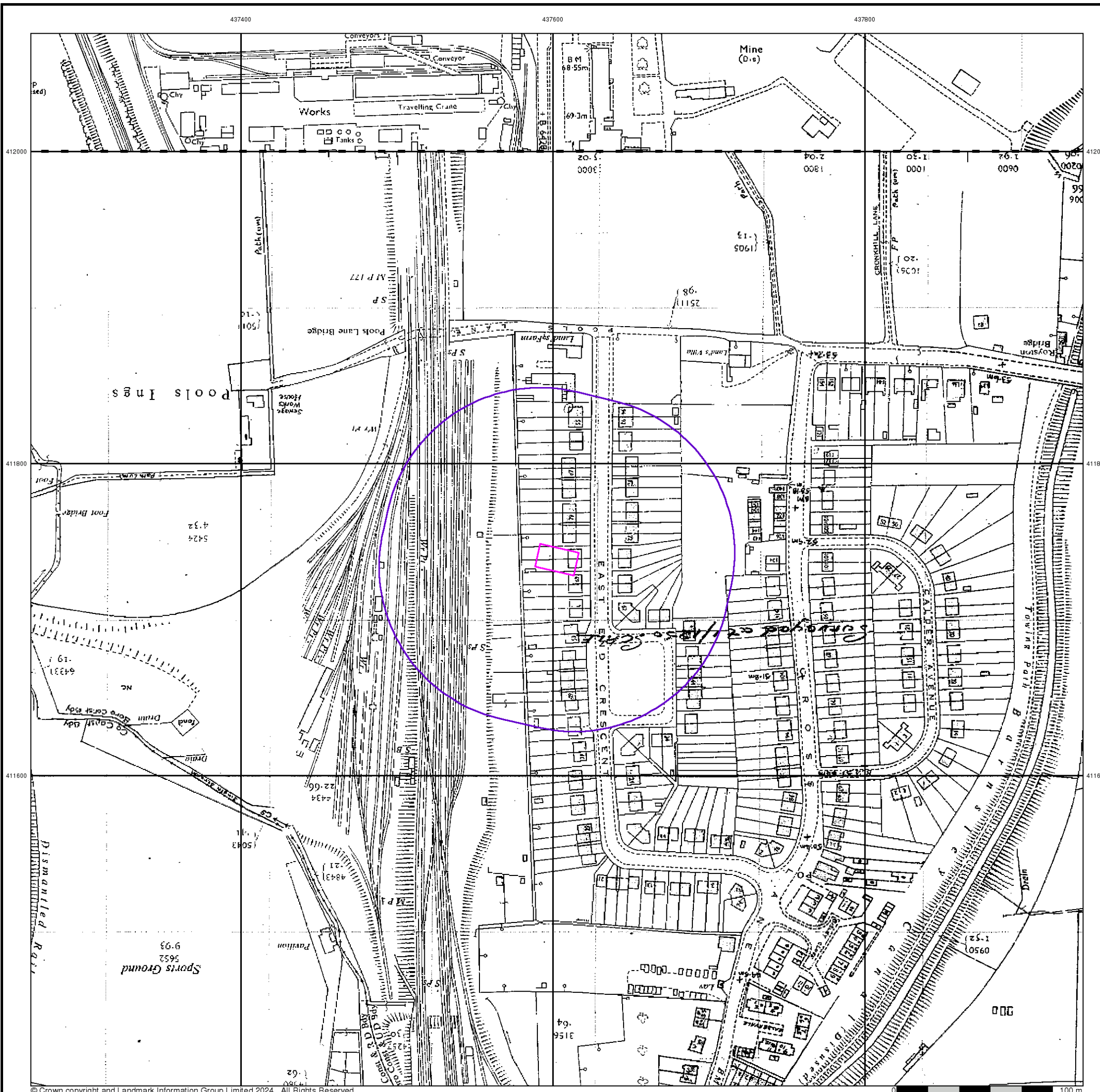
### Site Details

Rabbit Ings Country Park, Lund Hill Lane, Royston,  
 BARNSELEY, S71 4BB



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





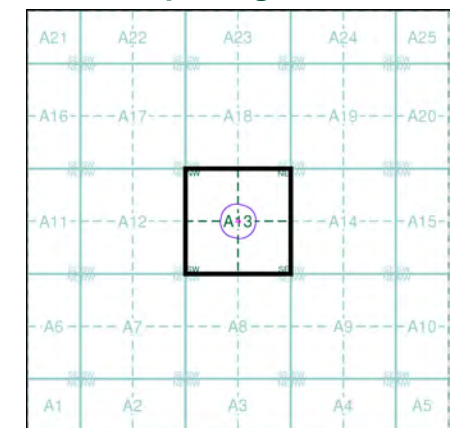
**Additional SIMs**  
**Published 1979 - 1991**  
**Source map scale - 1:2,500**

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published 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)**

SE3712	1991	1:2,500
SE3711	1979	1:2,500

**Historical Map - Segment A13**



**Order Details**

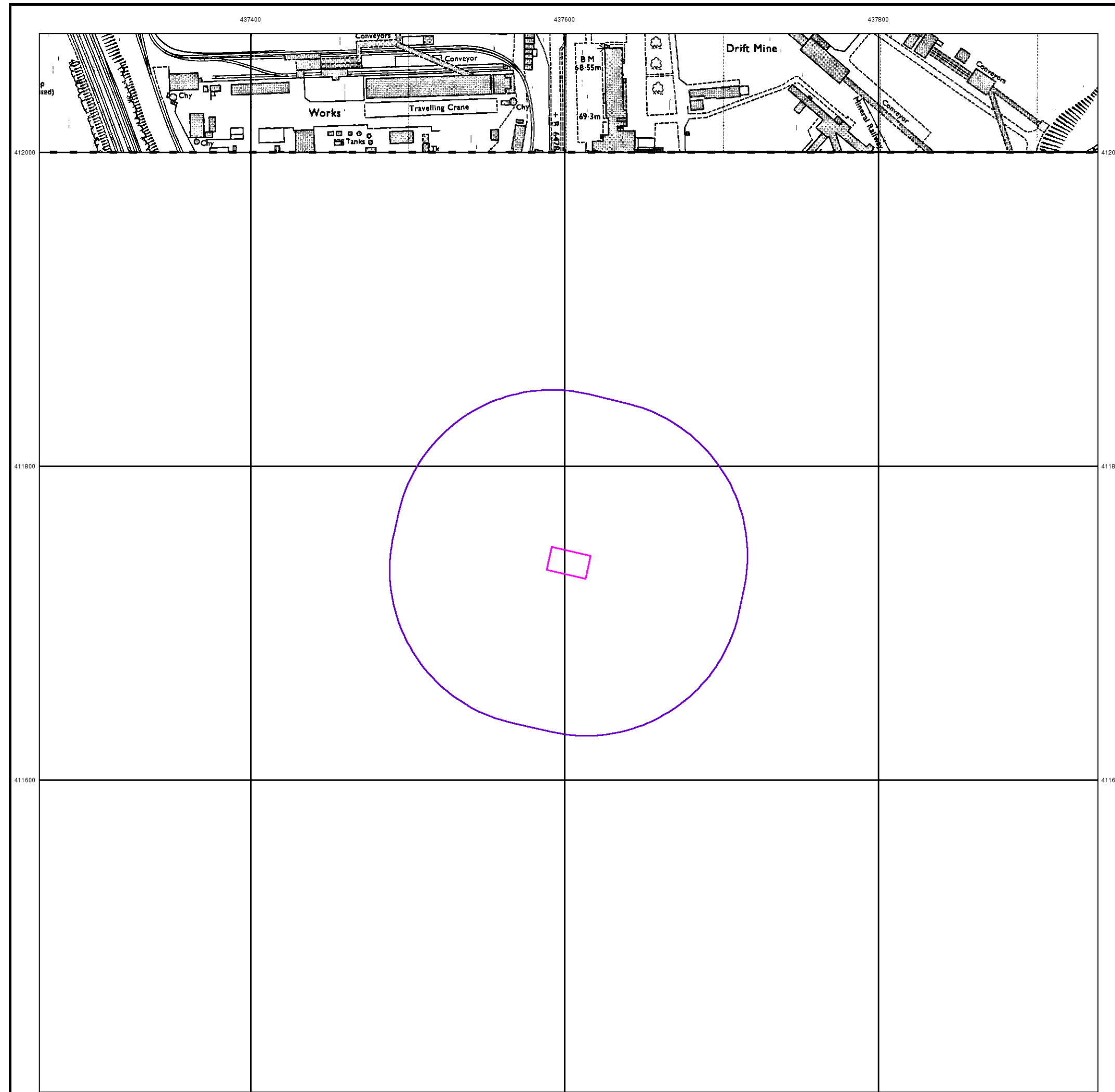
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

**Site Details**

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB



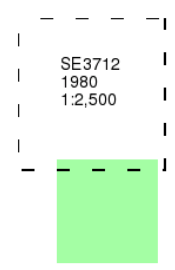
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



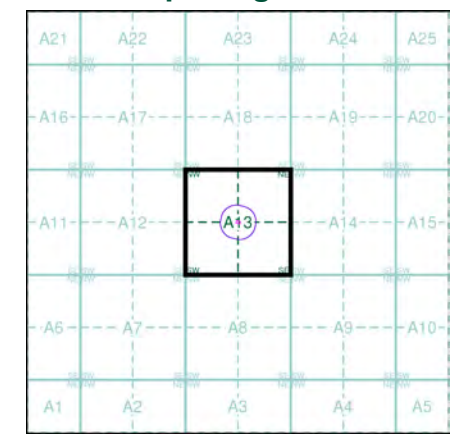
**Ordnance Survey Plan**  
**Published 1980**  
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

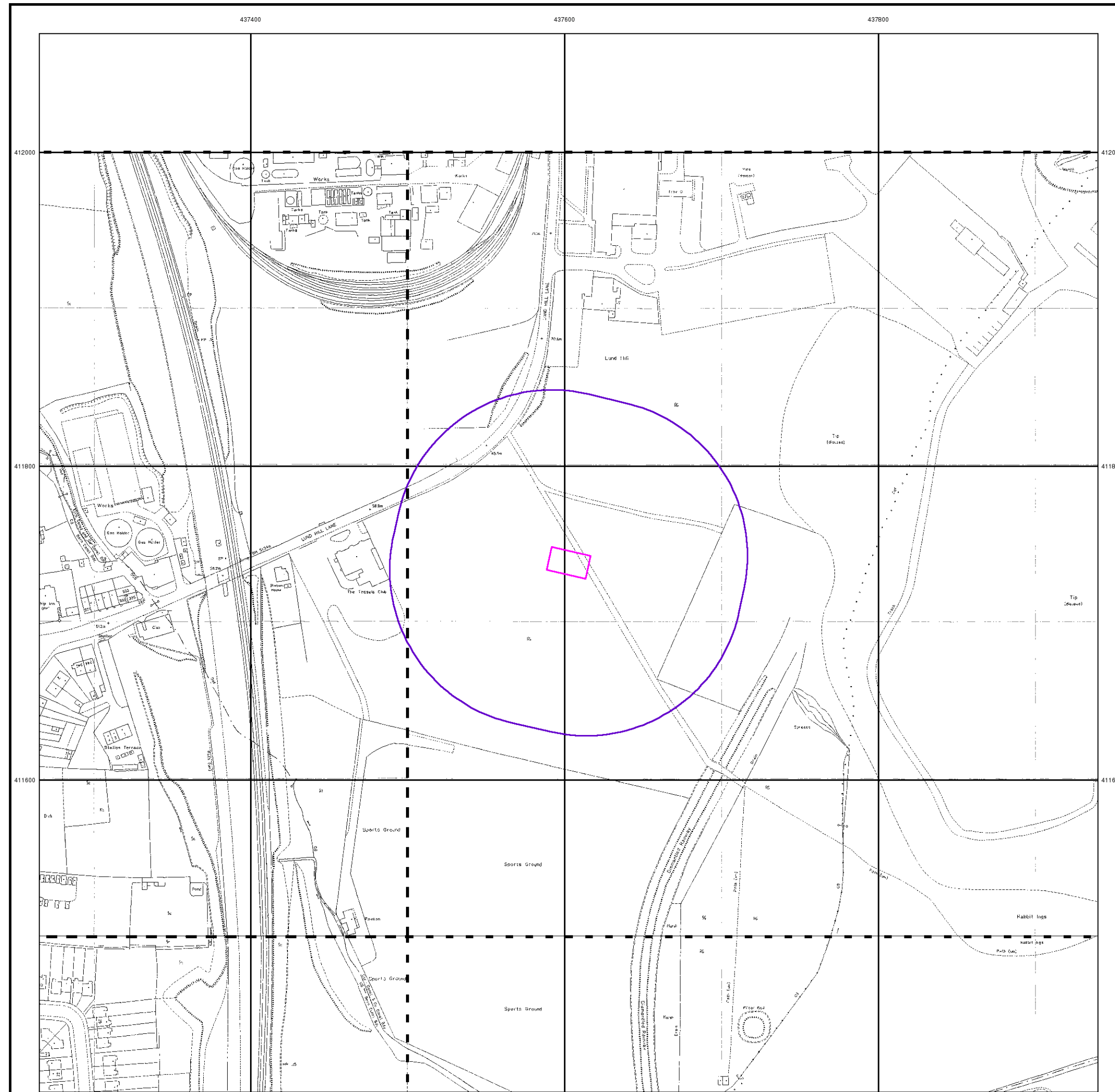
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

**Site Details**

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 BARNSELEY, S71 4BB



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



## Large-Scale National Grid Data

Published 1993

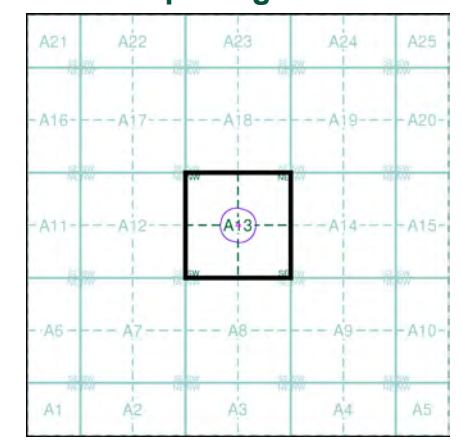
Source map scale - 1:1,250

'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)

SE3711NW 1993 1:1,250	SE3711NE 1993 1:1,250
SE3711SW 1993 1:1,250	SE3711SE 1993 1:1,250

### Historical Map - Segment A13



### Order Details

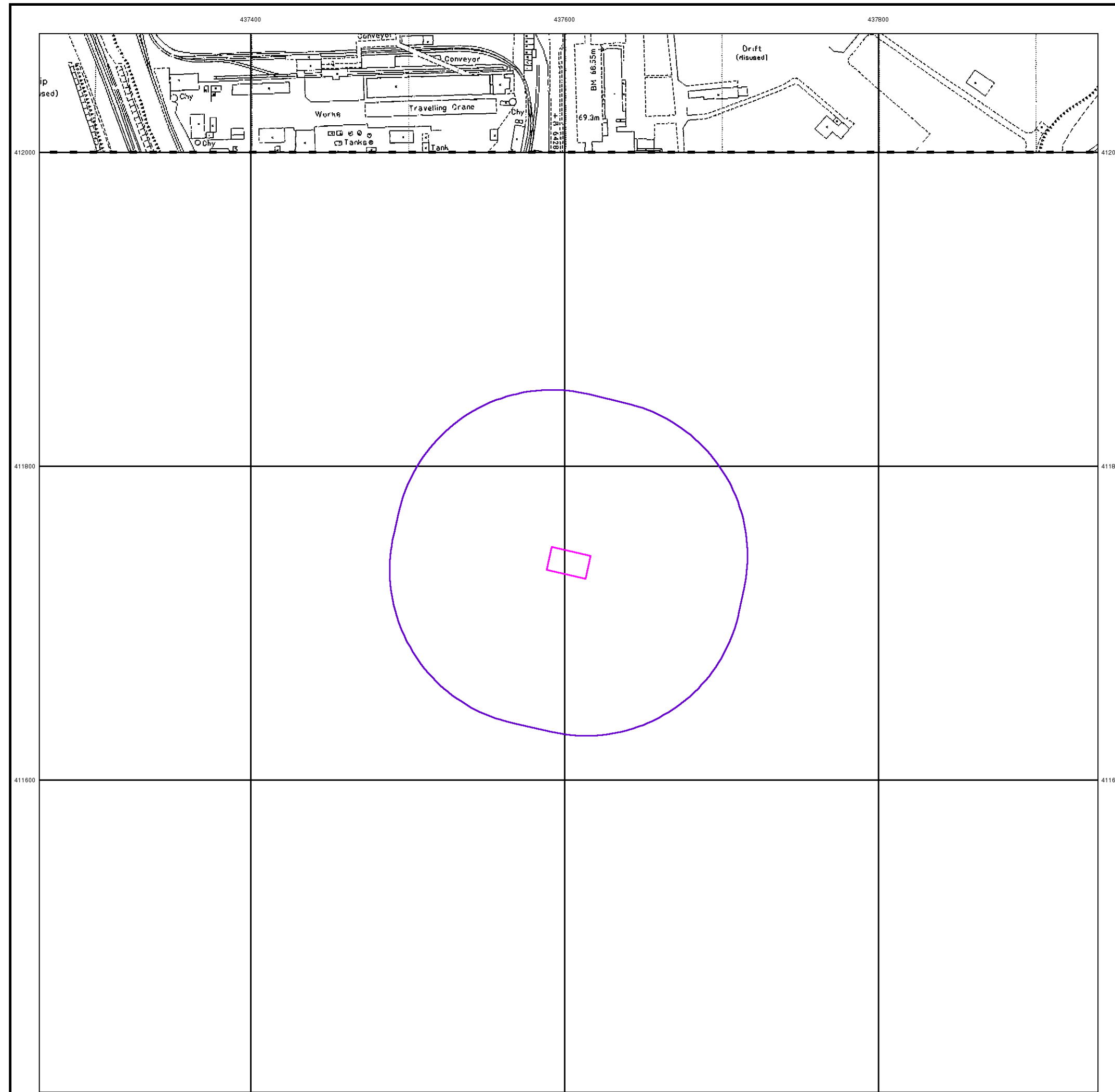
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

### Site Details

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB



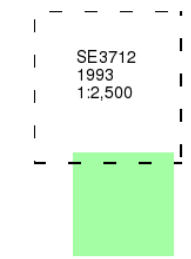
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



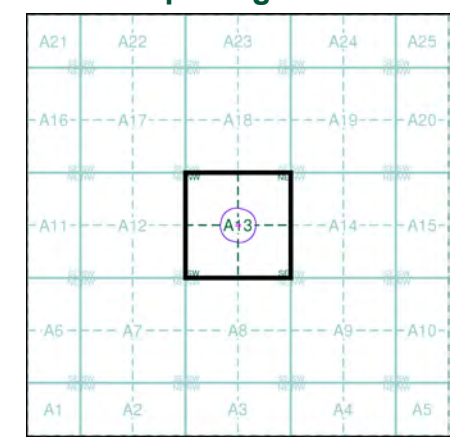
**Large-Scale National Grid Data**  
**Published 1993**  
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

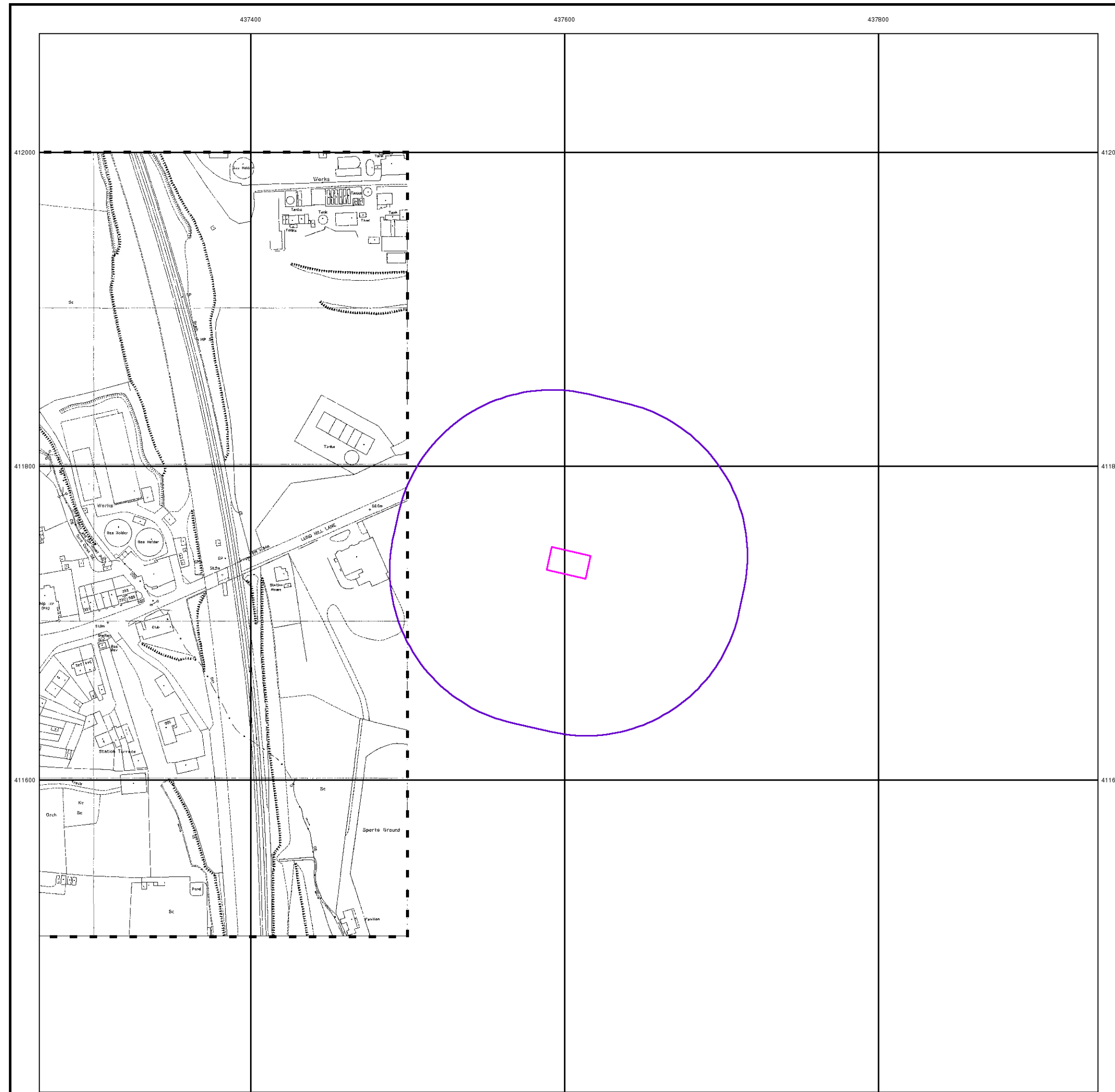
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

**Site Details**

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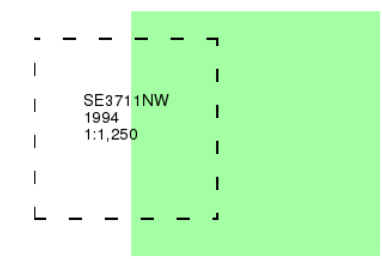
## Large-Scale National Grid Data

Published 1994

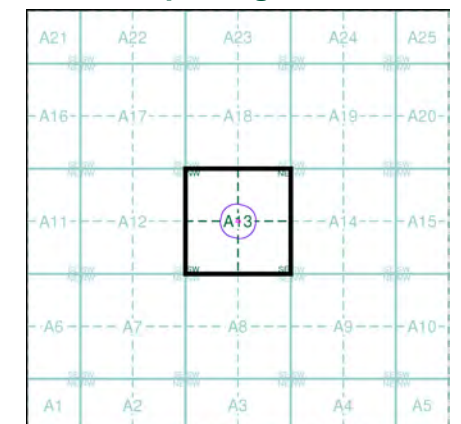
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

### Site Details

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437400

437600

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411800

411600

411600

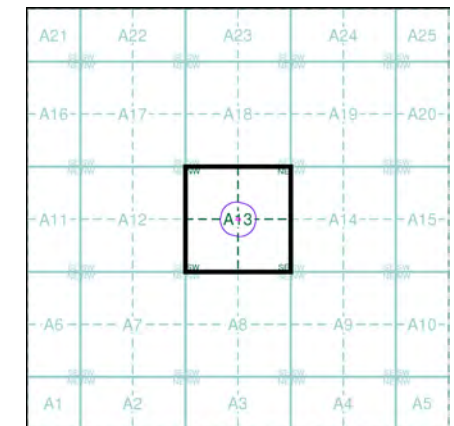


## Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### Historical Aerial Photography - Segment A13



### Order Details

Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 100

### Site Details

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 BARNSELEY, S71 4BB



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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
- Minor Roads
- 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
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, 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
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

## 1:10,000 Raster Mapping

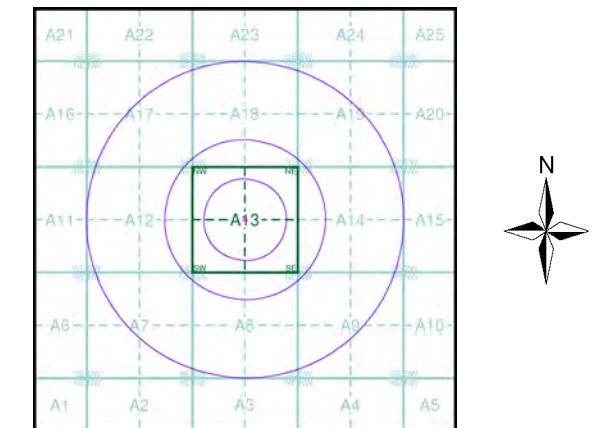
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- Refuse tip or slag heap
- Rock (scattered)
- Boulders (scattered)
- Mud
- Sand Pit
- Top of cliff
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary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



## 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	2000	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2024	16

## Historical Map - Slice A



## Order Details

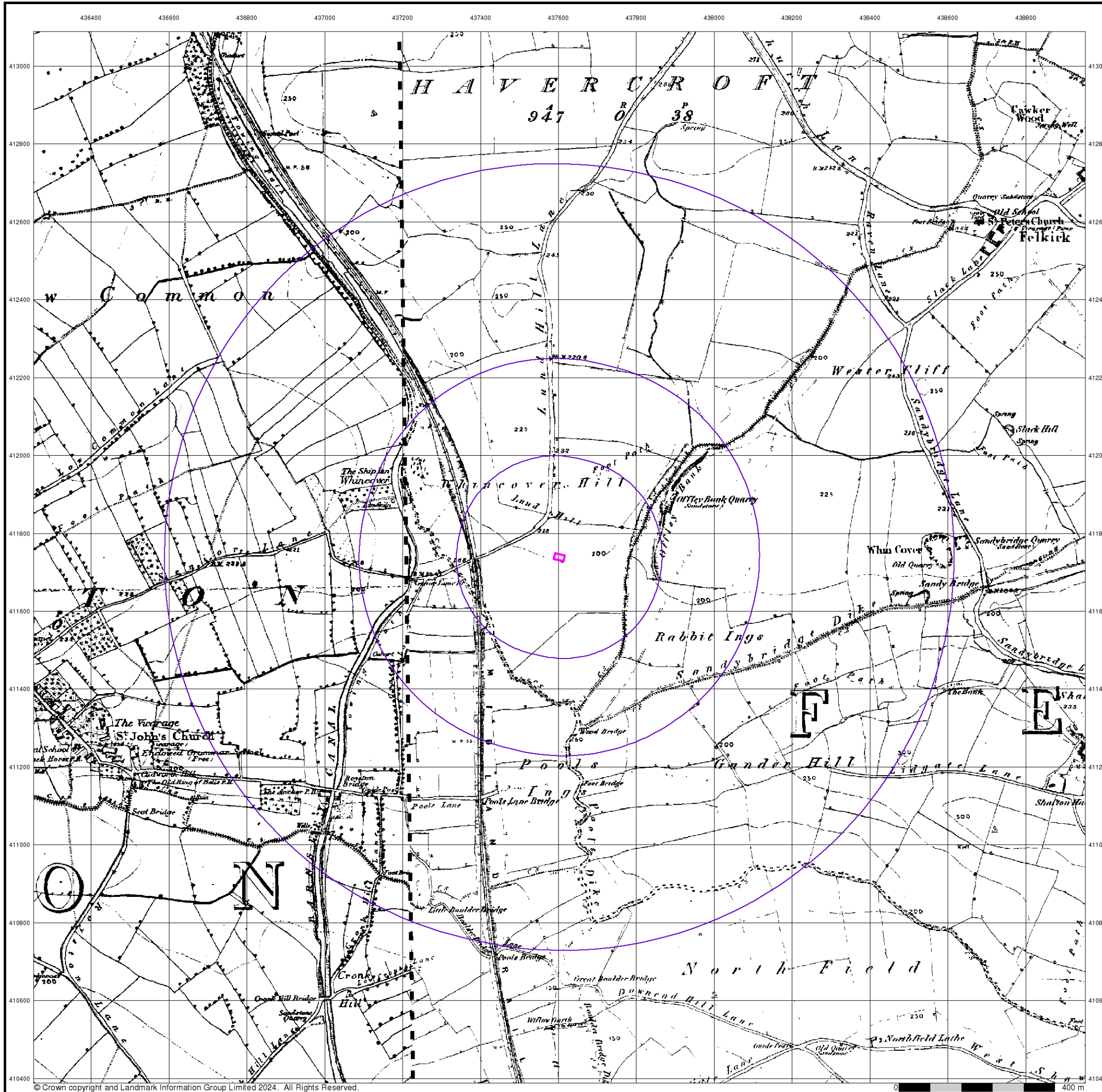
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 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

## Site Details

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELEY, S71 4BB



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



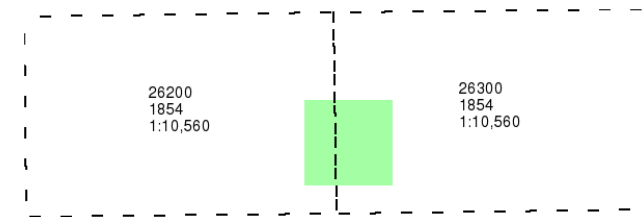
**Yorkshire**

**Published 1854**

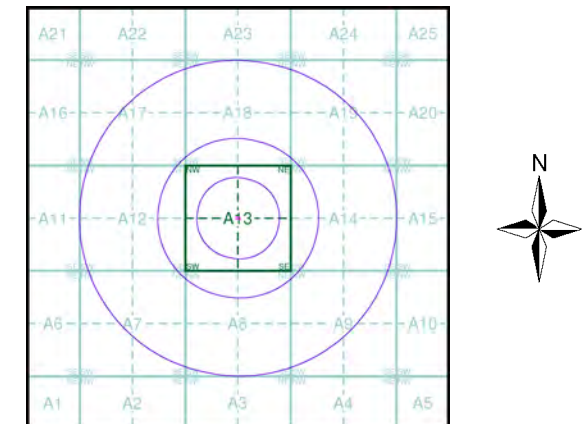
**Source map scale - 1:10,560**

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**

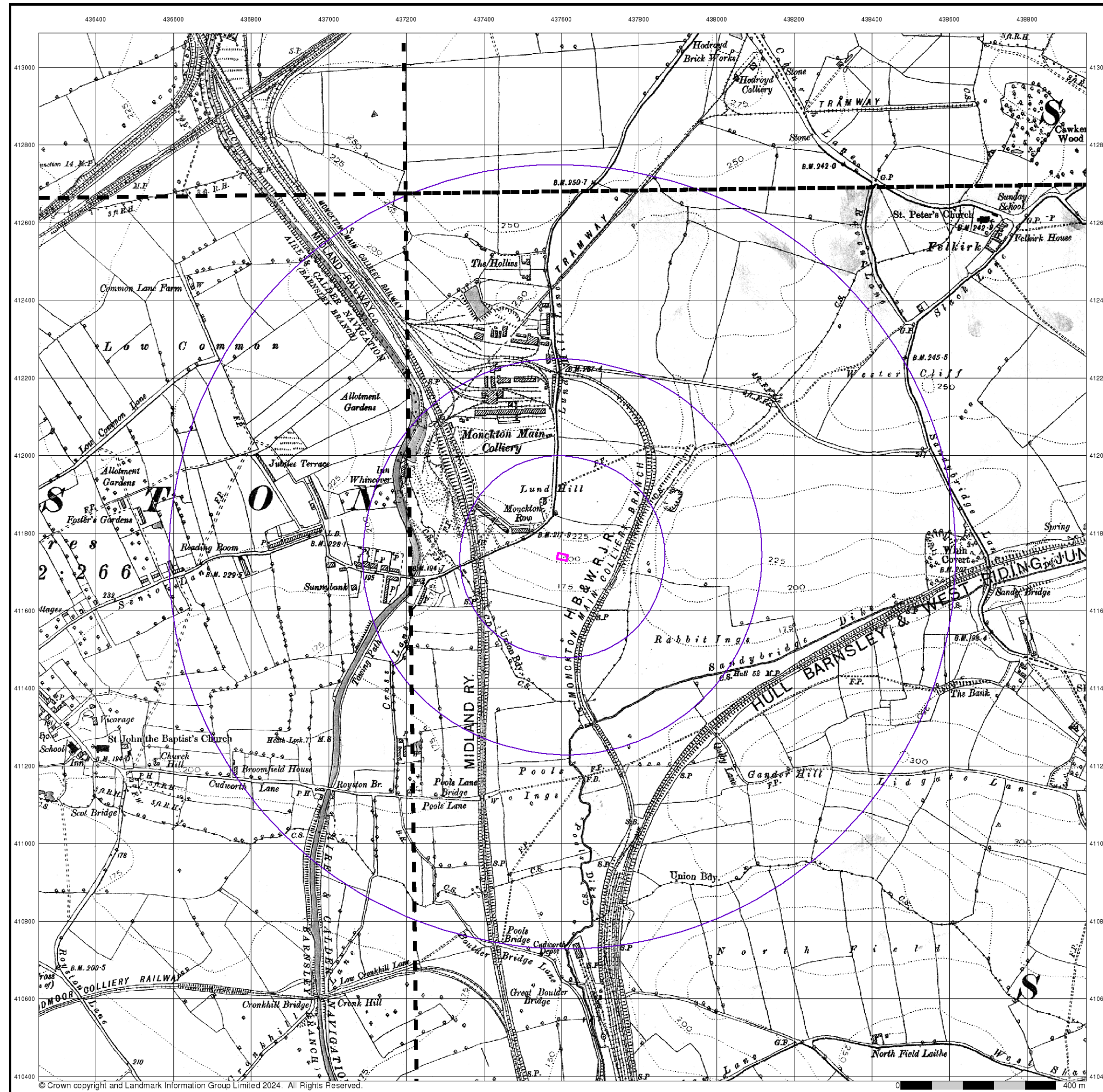
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 Customer Ref: 24-562  
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 Slice: A  
 Site Area (Ha): 0.04  
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**Yorkshire**

**Published 1894 - 1895**

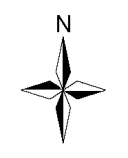
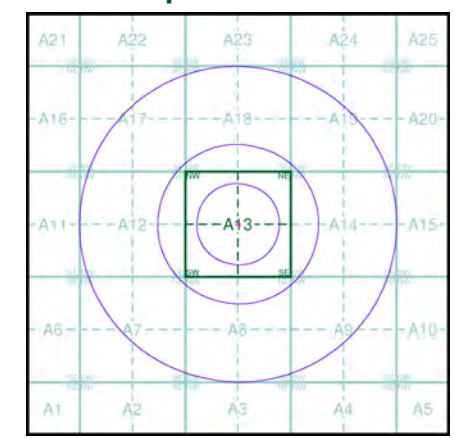
**Source map scale - 1:10,560**

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)**

262NE 1895 1:10,560	263NW 1894 1:10,560
262SE 1894 1:10,560	263SW 1894 1:10,560

**Historical Map - Slice A**



**Order Details**

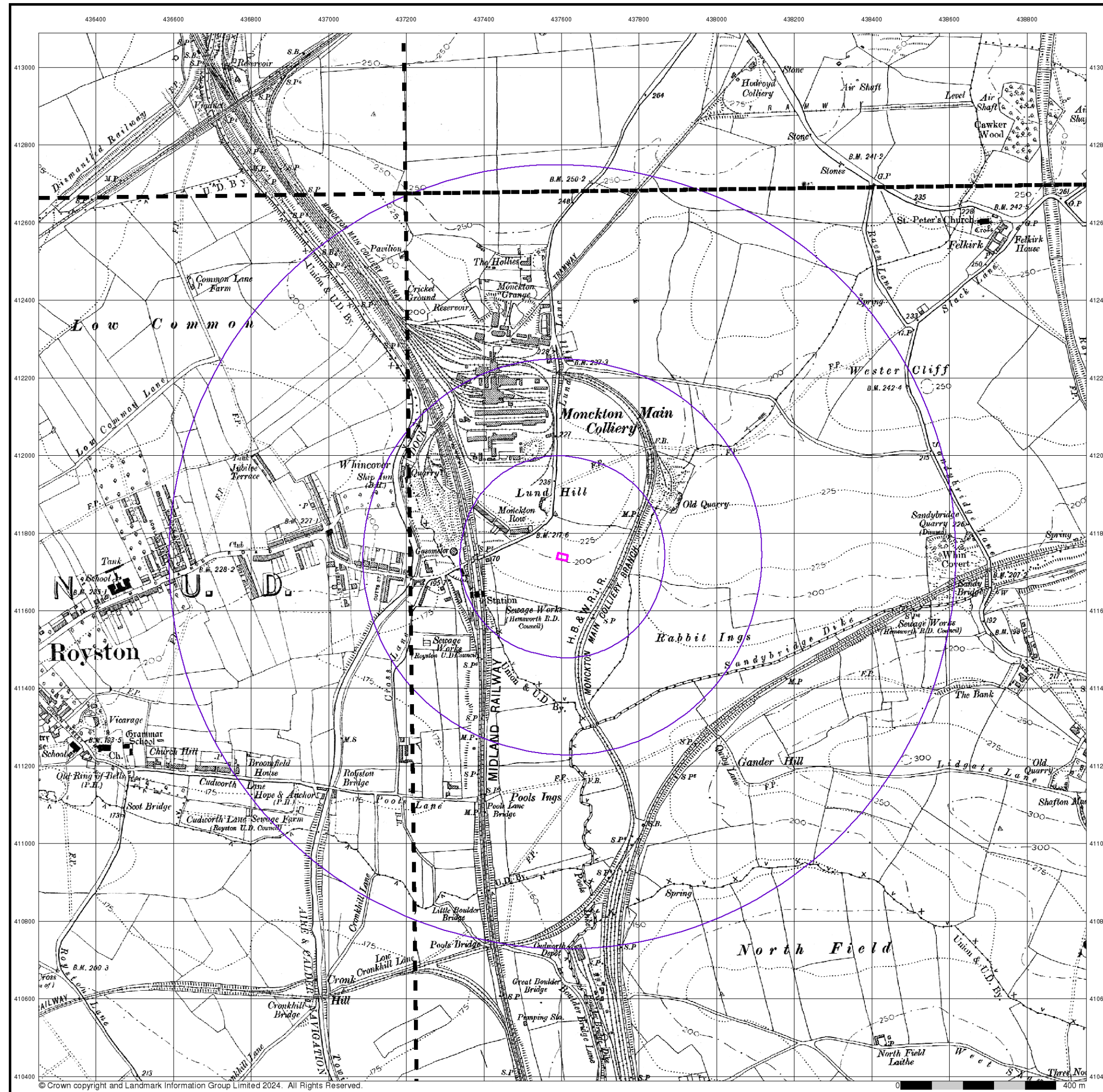
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 Site Area (Ha): 0.04  
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**Yorkshire**

**Published 1907 - 1908**

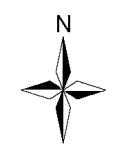
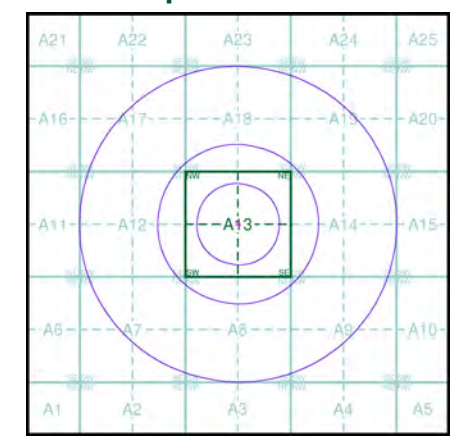
**Source map scale - 1:10,560**

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**

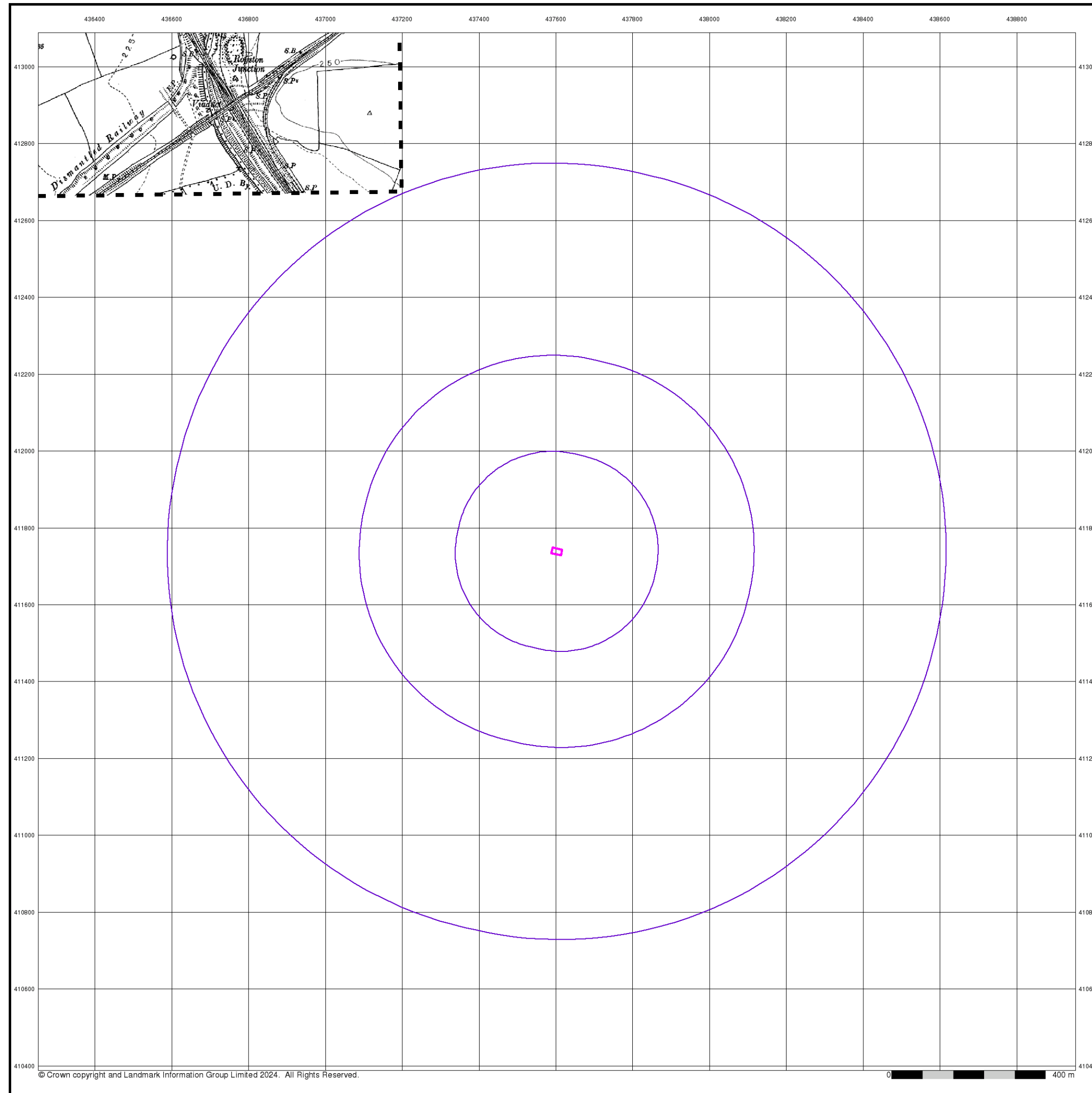
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 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

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**Yorkshire**

**Published 1930**

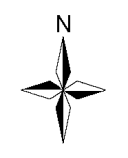
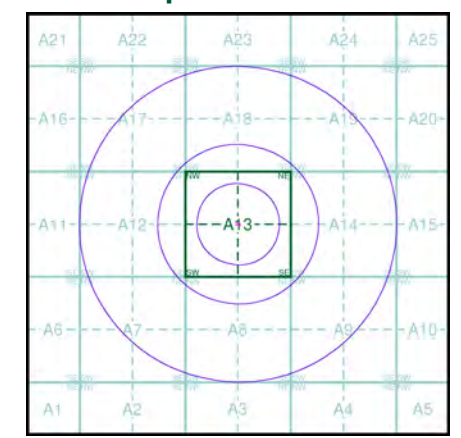
**Source map scale - 1:10,560**

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  
1930  
1:10,560

**Historical Map - Slice A**



**Order Details**

Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
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 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

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**Yorkshire**

**Published 1932 - 1933**

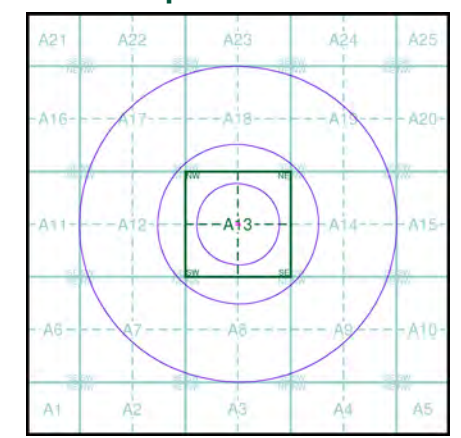
**Source map scale - 1:10,560**

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)**

262SE	263NW
1932	1933
1:10,560	1:10,560

**Historical Map - Slice A**



**Order Details**

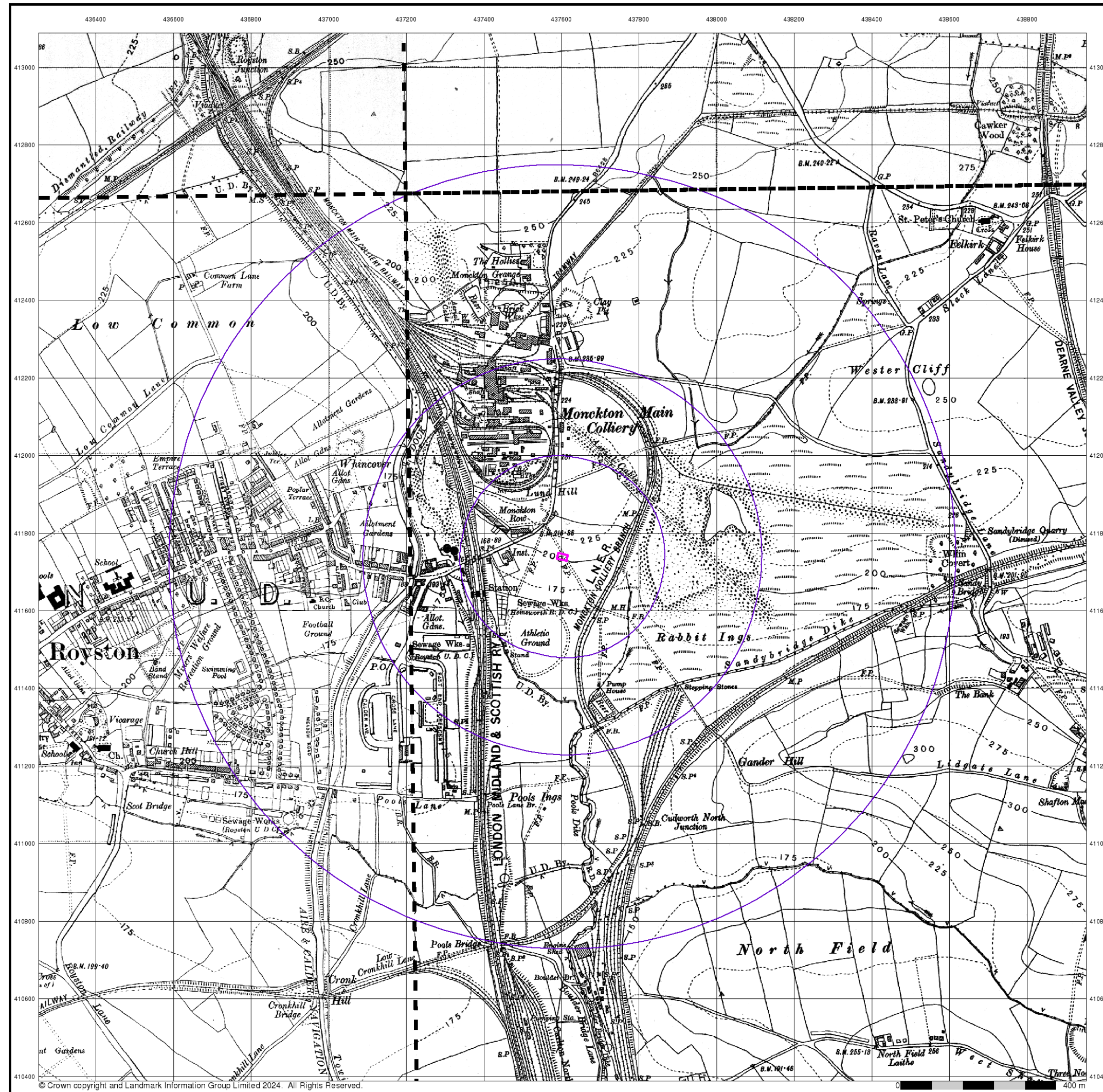
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## Yorkshire

Published 1938 - 1948

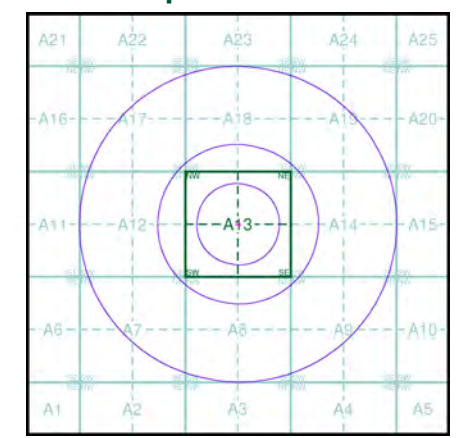
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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 1948 1:10,560	263NW 1938 1:10,560
262SE 1938 1:10,560	263SW 1938 1:10,560

### Historical Map - Slice A



### Order Details

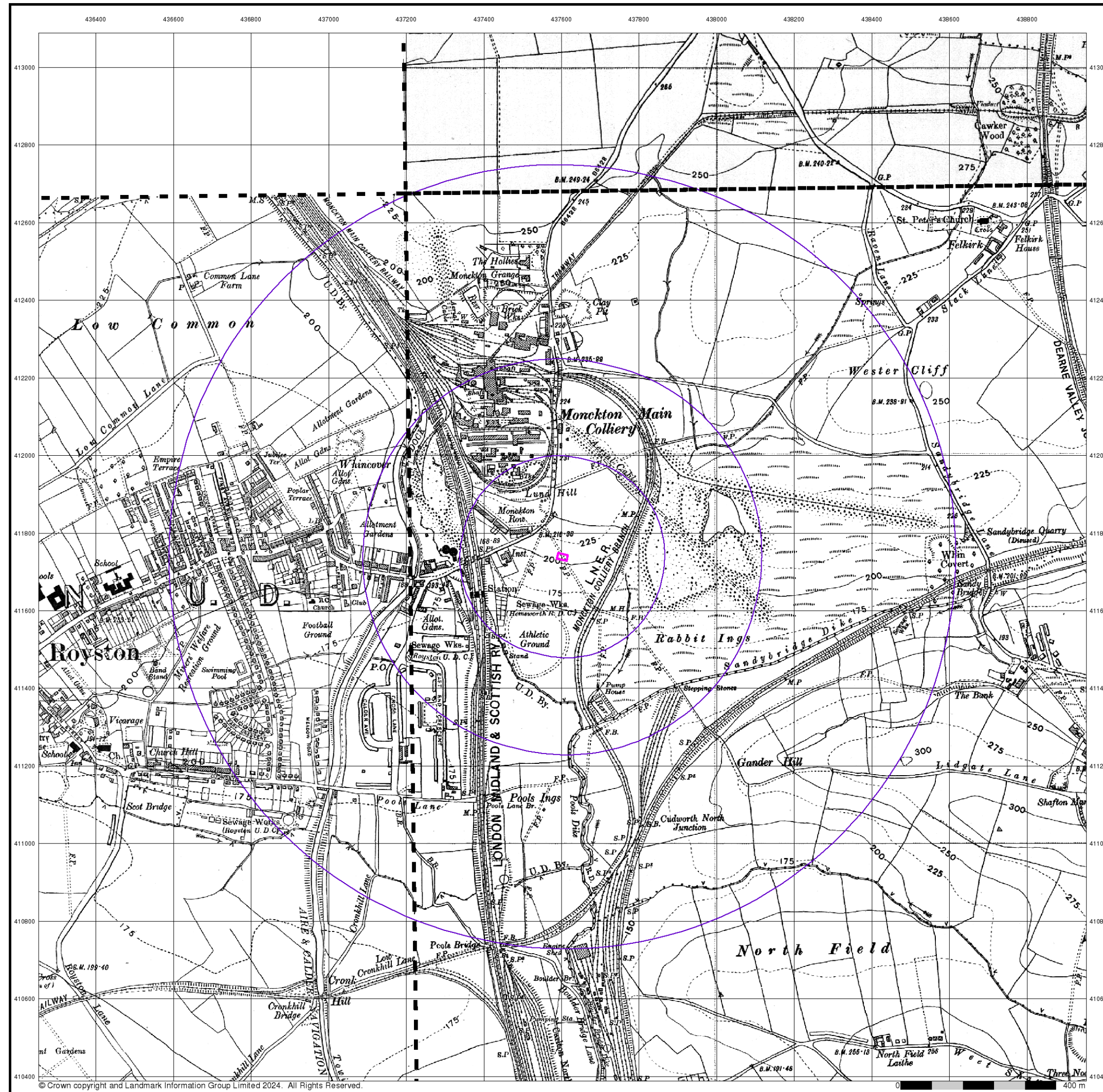
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 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

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**Yorkshire**

**Published 1938 - 1948**

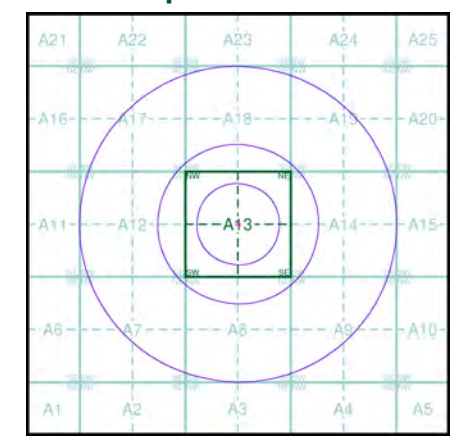
**Source map scale - 1:10,560**

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)**

	263NW	
	1948	
	1:10,560	
262SE	263SW	
1938	1938	
1:10,560	1:10,560	

**Historical Map - Slice A**



**Order Details**

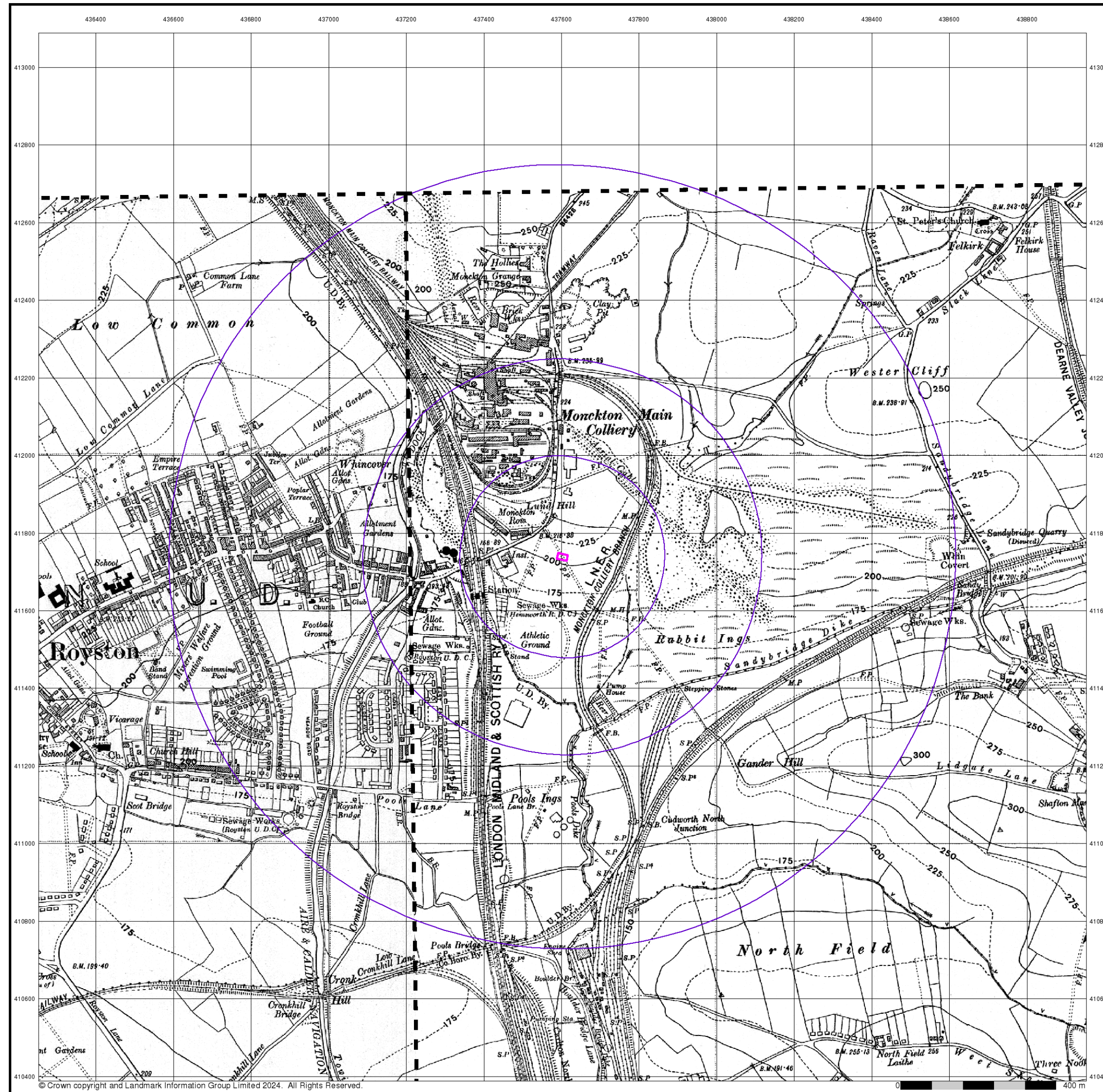
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 Search Buffer (m): 1000

**Site Details**

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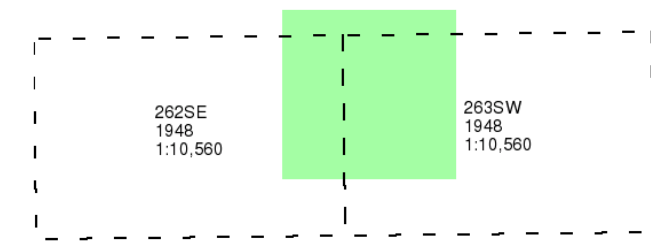
**Yorkshire**

**Published 1948**

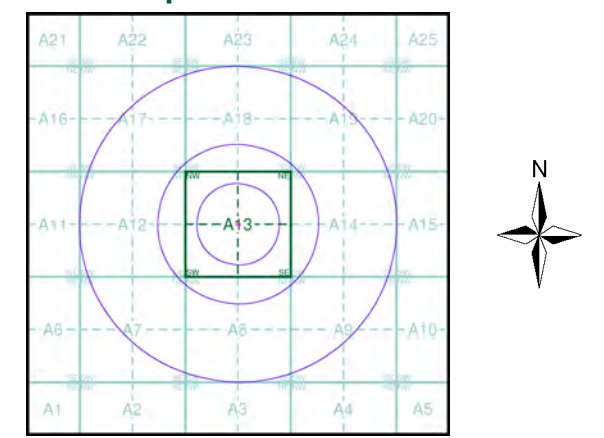
**Source map scale - 1:10,560**

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**

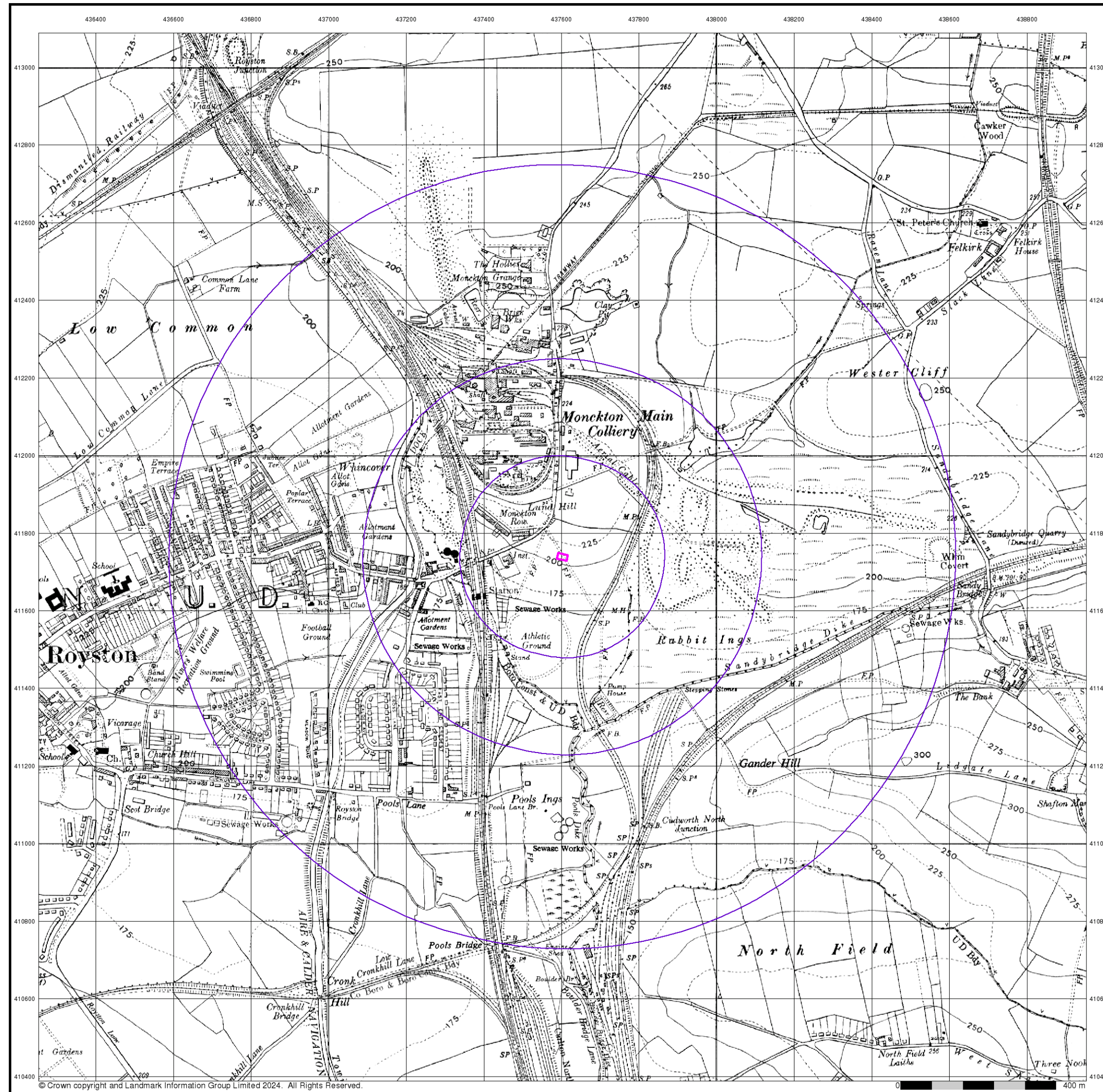
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**Site Details**

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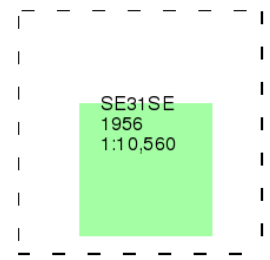
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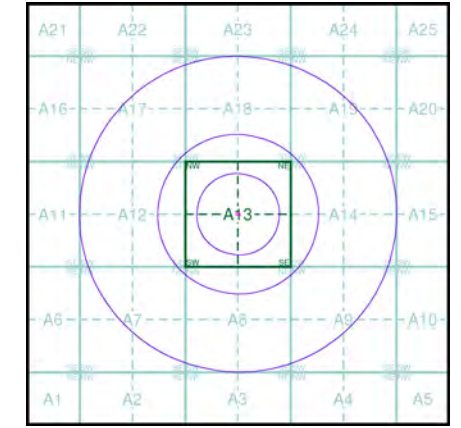
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**Published 1956**  
**Source map scale - 1:10,000**

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: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

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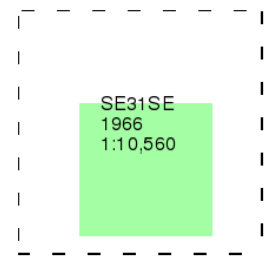
Tel: 0844 844 9952  
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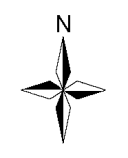
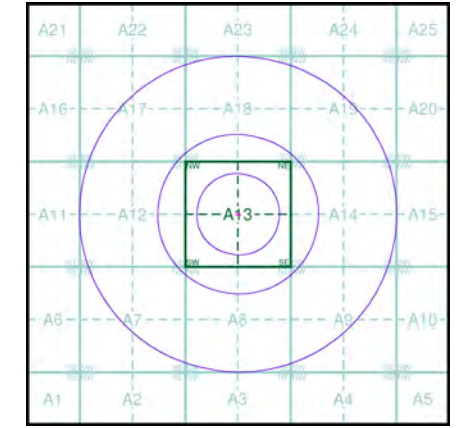
**Ordnance Survey Plan**  
**Published 1966**  
**Source map scale - 1:10,000**

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: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB



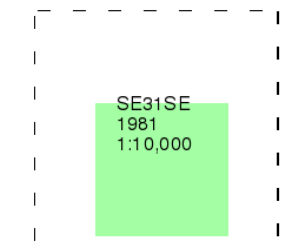
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



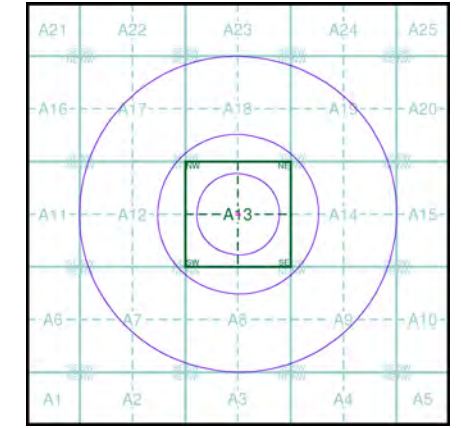
**Ordnance Survey Plan**  
**Published 1981**  
**Source map scale - 1:10,000**

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**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

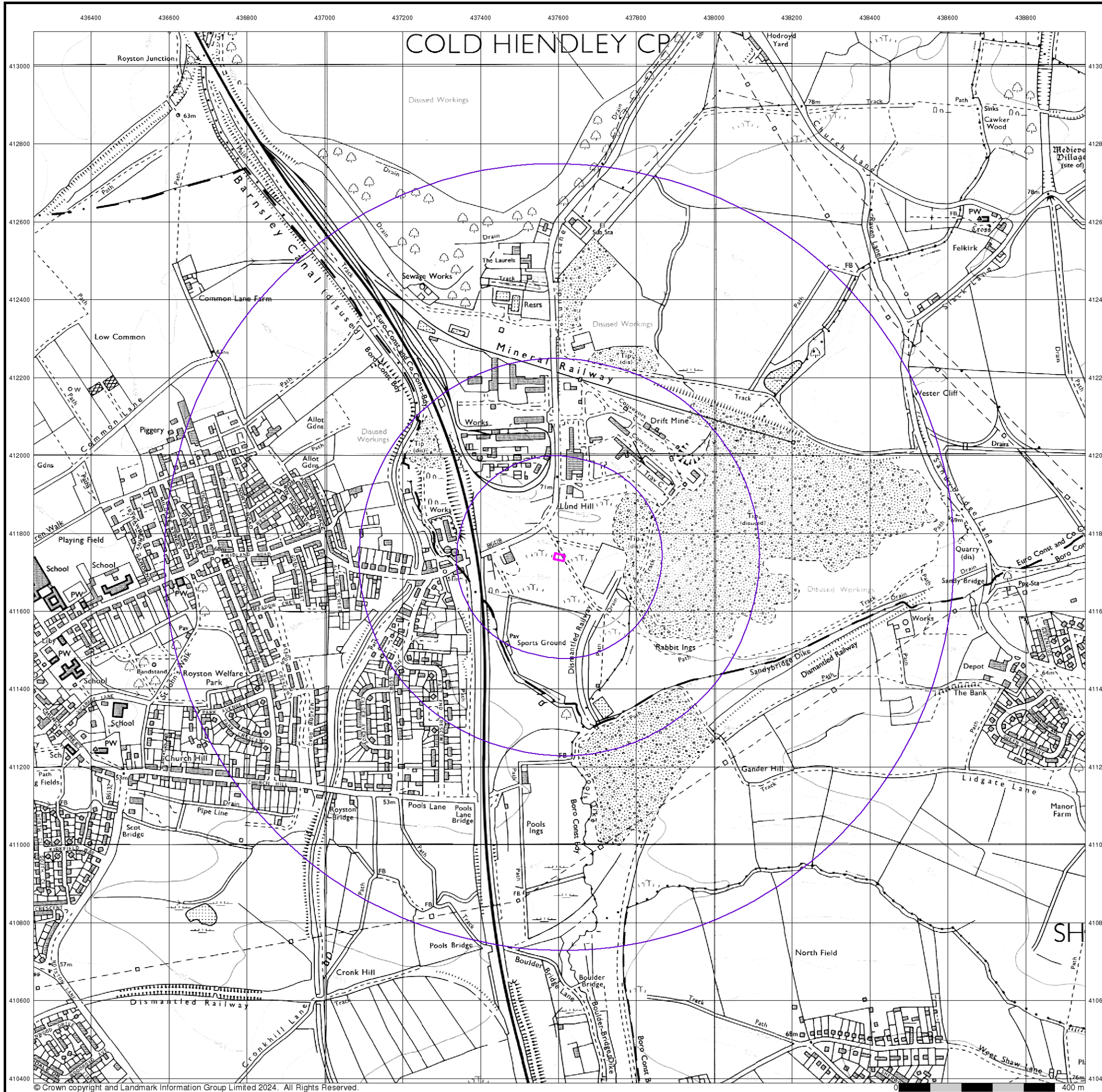
Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
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 Search Buffer (m): 1000

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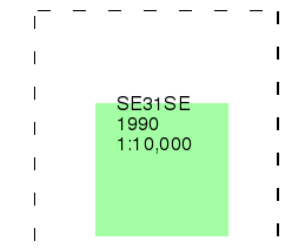
### Ordnance Survey Plan

Published 1990

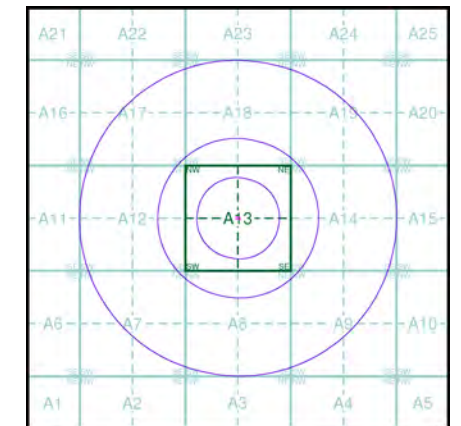
Source map scale - 1:10,000

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



### Historical Map - Slice A



### Order Details

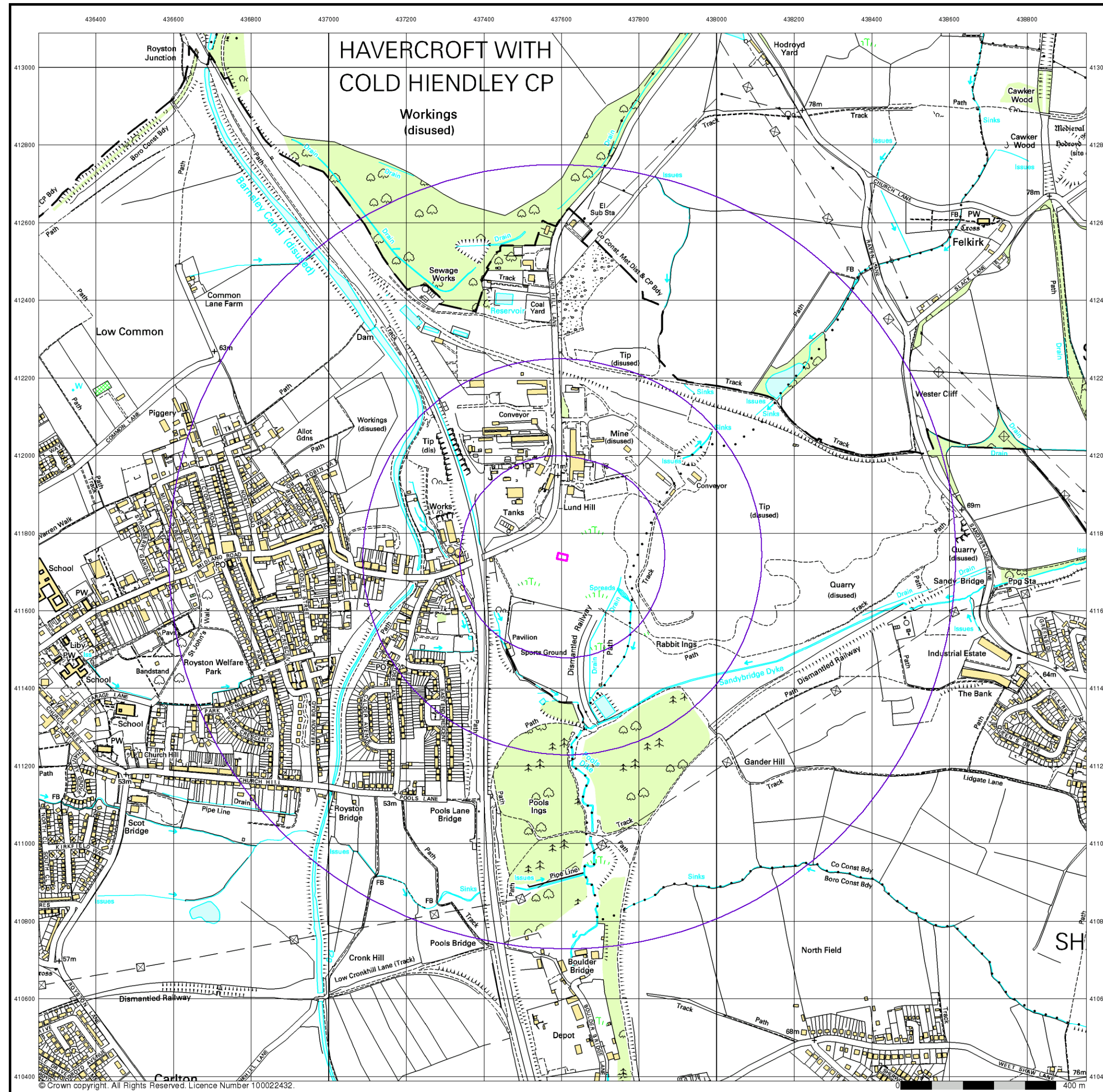
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 Search Buffer (m): 1000

### Site Details

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB



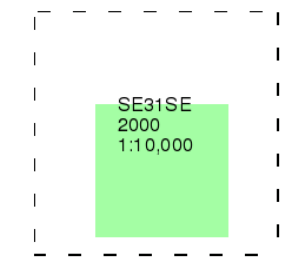
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



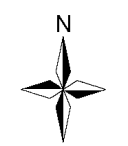
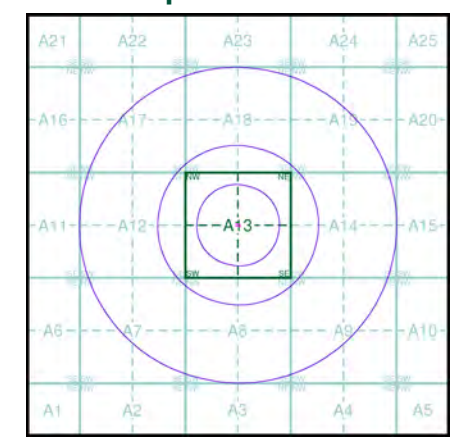
**10k Raster Mapping**  
**Published 2000**  
**Source map scale - 1:10,000**

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

**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

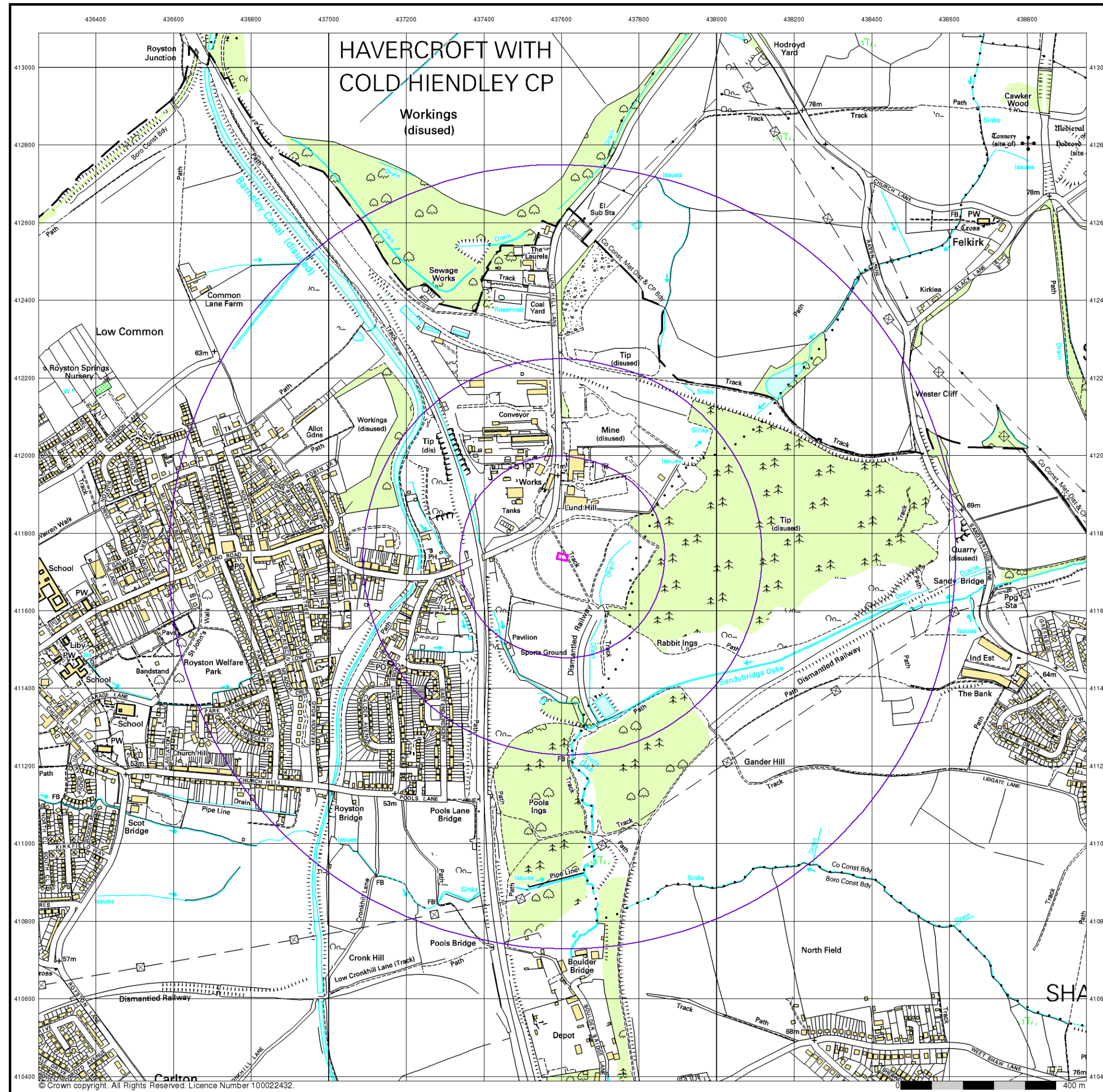
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 National Grid Reference: 437600, 411740  
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**Site Details**

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB



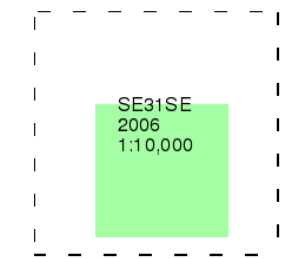
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 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



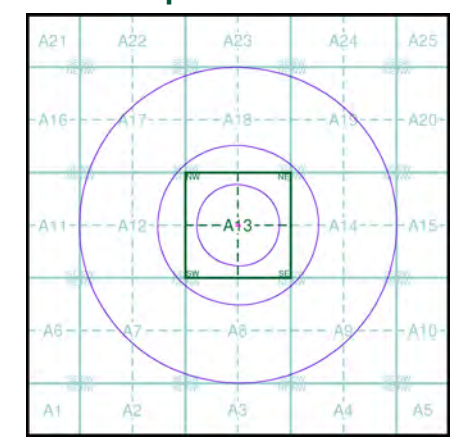
**10k Raster Mapping**  
**Published 2006**  
**Source map scale - 1:10,000**

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)**



**Historical Map - Slice A**



**Order Details**  
 Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**  
 Rabbit Ings Country Park, Lund Hill Lane, Royston,  
 BARNSELY, S71 4BB

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



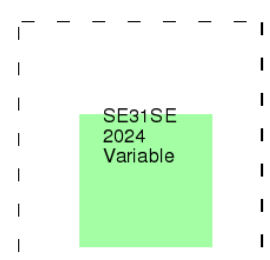
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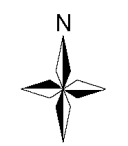
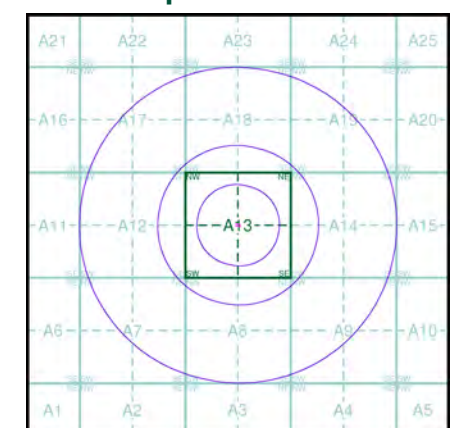
**VectorMap Local**  
**Published 2024**  
**Source map scale - 1:10,000**

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

Order Number: 354740027\_1\_1  
 Customer Ref: 24-562  
 National Grid Reference: 437600, 411740  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

**Site Details**

Rabbit Ings Country Park, Lund Hill Lane, Royston, BARNSELY, S71 4BB



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

# **APPENDIX IV**

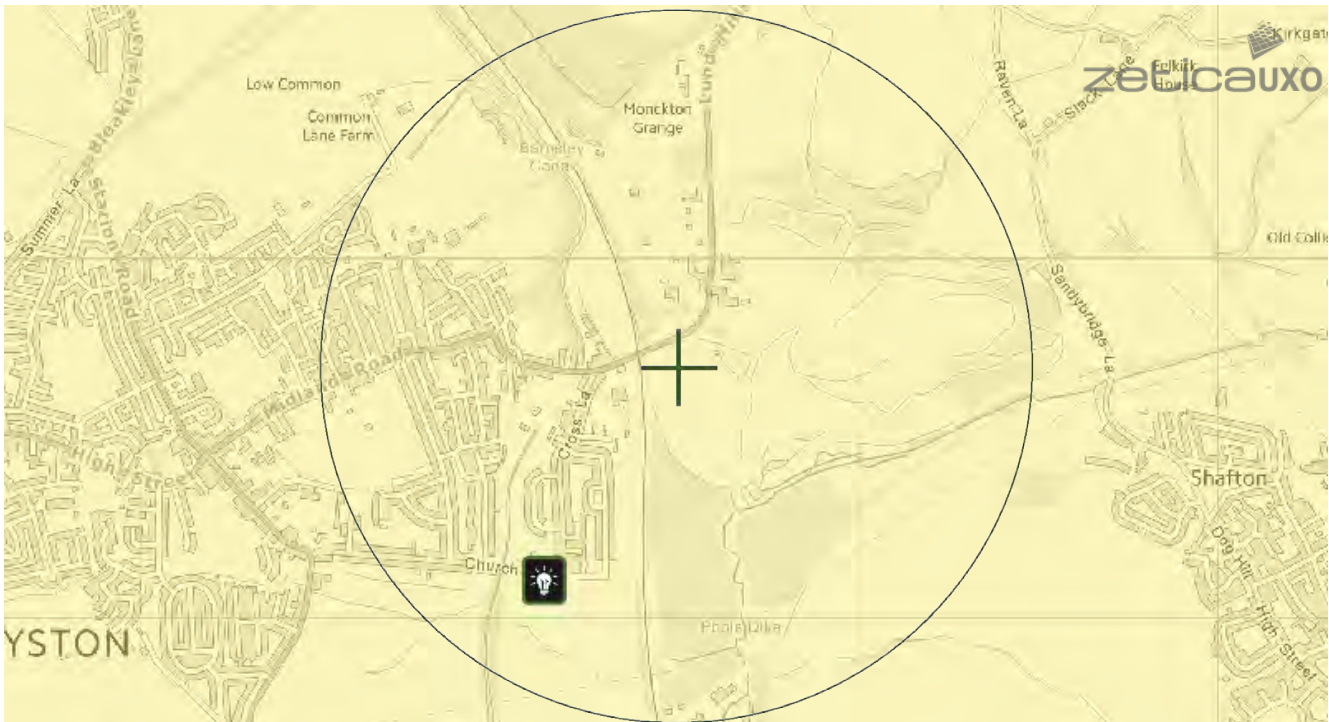
## **Zetica UXO Risk Report**

# UNEXPLODED BOMB RISK MAP



## SITE LOCATION

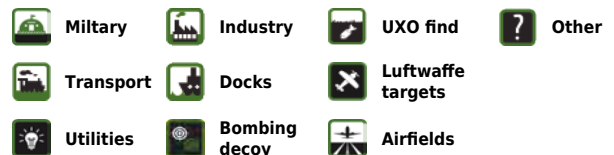
Map Centre: 437464,411705



This map principally indicates a hazard from Unexploded Bombs (UXB) due to WWII bombardment. Other sources of Unexploded Ordnance (UXO) may be present. It should be noted that this map does not represent UXO risk and should not be reported as such when reproduced.

## LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.



## How to use your Unexploded Bomb (UXB) risk map?

This map indicates the potential for UXBs to be present because of World War Two (WWII) bombing. It can be incorporated into a technical report, such as a Phase 1 Desk Study, or similar document as an indication of the potential for UXO encounter on a Site. Other sources of UXO may also be indicated, although note that these are not comprehensive and more detailed research is required to confirm their presence.

## What if my Site is in a moderate or high density area?

We typically recommend that a detailed UXO desk study and risk assessment is undertaken for sites in an area with a moderate or high bombing density. Additionally, if your site is in close proximity to a strategic target, military establishment, airfield or bombing decoy, then [additional detailed research](#) is recommended.

## If my site is in a low risk area, do I need to do anything?

If both the map and other research confirm that there is a low potential for UXO to be present on your site, then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

If you are unsure whether other sources of UXO may be present, you can request one of our [pre-desk study assessments \(PDSA\)](#) by emailing a site boundary and location to [pdsa@zetica.com](mailto:pdsa@zetica.com).

**You should never plan site work or undertake a risk assessment using these maps alone. More detail is required, to include an assessment of the likelihood of a source of UXO hazard from other military activity not reflected on these maps.**

## If I have any questions, who do I contact?

tel: +44 (0) 1993 886682 email: [uxo@zetica.com](mailto:uxo@zetica.com) web: [www.zeticauxo.com](http://www.zeticauxo.com)

The information in this UXB risk map is derived from a range of sources and should be used with the [accompanying notes on our website](#).

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgement. The copyright remains with Zetica Ltd.

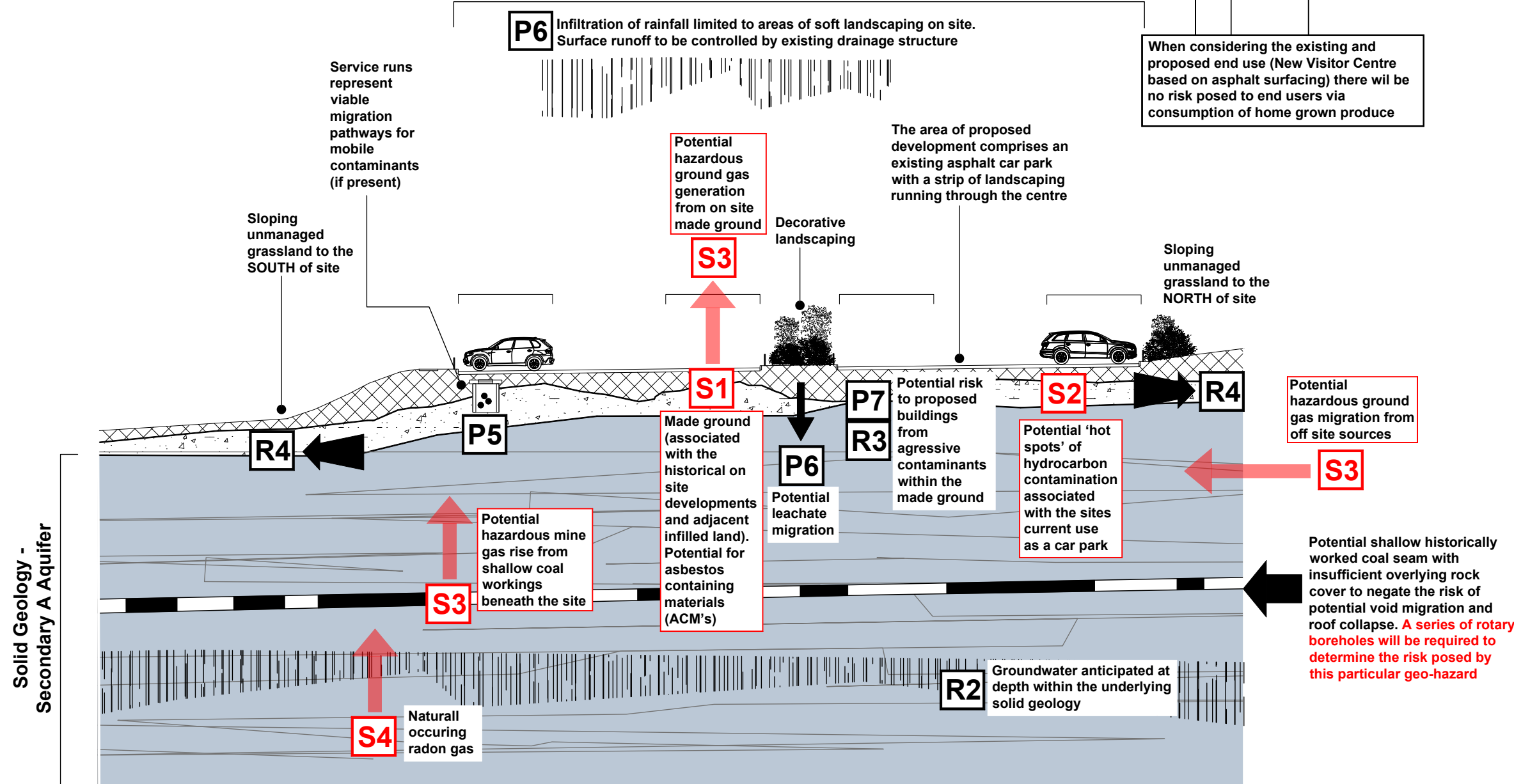
# **APPENDIX V**

## **Conceptual Site Model (CSM)**

**CRITICAL POLLUTANT LINKAGES**

SOURCE	PATHWAY	RECEPTOR
<p><b>S</b></p> <ol style="list-style-type: none"> <li>Made ground (associated with the historical on site developments and adjacent infilled land). Potential for asbestos containing materials (ACM's)</li> <li>Potential 'hot spots' of hydrocarbon contamination associated with the sites current use as a car park</li> <li>Potential hazardous ground gases associated with on-site / off-site sources of made ground and coal mining areas</li> <li>The estimated probability of the property being above the Action Level for radon is 3-5% and basic radon protection is recommended.</li> </ol>	<p><b>P</b></p> <ol style="list-style-type: none"> <li>Ingestion</li> <li>Inhalation of indoor / outdoor air</li> <li>Dermal contact</li> <li>Plant Uptake</li> <li>Migration through grounded and existing services</li> <li>Surface run off and leachate migration</li> <li>Direct contact with building materials</li> </ol>	<p><b>R</b></p> <ol style="list-style-type: none"> <li>Human health (End users and construction workers) – Commercial use</li> <li>Controlled waters: Groundwater within the solid geology (Secondary A Aquifer)</li> <li>Building materials*</li> <li>Adjacent sites</li> <li>Flora and fauna*</li> </ol>

Indicative site section using a SOUTH to NORTH orientation



**MADE GROUND:**  
According to published BGS data, the site is not recorded to be underlain by significant thicknesses of made ground, however, made ground is anticipated, associated with previous on site and adjacent developmental interactions. Significant made ground is recorded c.100m to the north and south of the site associated with historical quarrying in the area. If Present made ground deposits are anticipated to comprise a mixture of disturbed natural strata (clays, etc.) and anthropogenic debris (construction waste / demolition rubble etc.).

**DRIFT DEPOSITS:**  
Published BGS maps indicate that the site is not underlain by superficial deposits. However, alluvium is recorded c.150m south of the site and therefore may be present on site

**SOLID GEOLOGY:**  
From published geological plans, the site is underlain by the Pennine Middle Coal Measures Formation (of Duckmanton Substage (CB) to Bolsovian Substage (CC)). These deposits commonly comprise interbedded grey mudstone, siltstone, pale grey sandstone and commonly coal seams. BGS borehole (SE31SE12) records pale grey sandstone from surface to a depth of c.19.84m. The published geological information indicates a number of faults within 1km of the site, the closest being c.200m south-west of the site and shown to be dipping to the north.



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

Client:  
**PROPERTY SERVICES LTD**

Project Title:  
Rabbit Ings Country Park Visitors Centre  
Lund Hill Lane, Royston  
Barnsley, S71 4BB

Drawing Title:  
Conceptual Site Model

Scale at A3: NTS @ A3	Date: 23.08.24	Drawn by: P.D	Approved by: S.H
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Job Ref: 24-562	Drg no: -	Rev: -
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