



**C9083B Rev C  
SEPTEMBER 2022**

**PRELIMINARY APPRAISAL REPORT (DESK-TOP STUDY)**

**for  
PROPOSED LIDL FOODSTORE, CROSLAND MOOR**

**prepared for  
LIDL GB LTD**



**REPORT TYPE:** Preliminary Appraisal Report (Desk-Top Study)      **REPORT STATUS:** Final

**REPORT NUMBER:** C9083B Rev C

**REPORT DATE:** September 2022

**SITE NAME:** Proposed Lidl Foodstore, Crosland Moor

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**PRELIMINARY APPRAISAL REPORT (DESKTOP STUDY)****for****PROPOSED LIDL FOODSTORE, CROSLAND MOOR****prepared for****LIDL GB LTD****CONTENTS****EXECUTIVE SUMMARY**

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C9083B/03 Rev A	Preliminary Conceptual Site Model	Not to Scale (A3)
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21561-DR-C,0802 Rev P2 (Topping Engineers)	Proposed Levels	1:250

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## EXECUTIVE SUMMARY

<b>Introduction</b>	<p>Sirius Geotechnical Ltd was commissioned by Lidl GB Ltd (Lidl) to undertake a preliminary appraisal report (desktop study) for a proposed foodstore at the former St Luke’s Hospital Site, Blackmoorfoot Road, Crosland Moor, Huddersfield (the “site”).</p> <p>It is understood that Lidl propose the erection of a foodstore (Use Class E) with associated access, parking, servicing area and landscaping.</p>
<b>Site Details</b>	<p>The covers an area of c. 0.7 hectares, and is currently vacant and disused.</p> <p>The majority of the site surface comprises gravel with sandstone cobbles, locally with long grass and weeds. There are areas of remnant car park surfacing in the south of the site.</p> <p>There are mounds of waste soil / excavation material, up to c. 1m high, in the west of the site, including brick, asphalt, sandstone cobbles and gravel, as well as general builders waste, in the south-western part of the site.</p> <p>The site slopes down from the south west to north east, with a maximum elevation difference of c. 6m.</p>
<b>National Grid Reference</b>	412540, 415520.
<b>Site History</b>	<p>Review of historical OS mapping indicates that the site was largely undeveloped until around the 1890s, when a school was built. This was demolished in the 1960s, when the site became part of the grounds to the adjacent St Luke’s Hospital, including landscaped and car parking areas. The hospital was demolished, and the site cleared, in 2014.</p>
<b>Ground Conditions</b>	<p>Trial pitting undertaken by Sirius on the site in 2021 encountered made ground to depths ranging between 0.6m and 2.9m below ground level (bgl).</p> <p>Intact asphalt surfacing was recorded in two trial pits in the south-west of the site, to depths of 0.2m and 0.3m bgl. Buried intact asphalt surfacing was also identified in three trial pits in the south of the site, at depths ranging between 0.4m and 0.95m bgl.</p> <p>Below the superficial materials, the remainder of the made ground was granular in nature, mostly comprising dark brown gravelly sand with low to high cobble content, of brick, concrete and sandstone, and low to medium boulder content, of concrete.</p> <p>An intact vertical brick wall was recorded in TP05, from 0.5m bgl, to the base of the made ground (2.9m bgl).</p> <p>Weak to moderately weak sandstone (Rough Rock) was encountered directly beneath the made ground in every trial pit.</p>
<b>Mining and Quarrying</b>	<p>Based on published geological plans, the Envirocheck report, historical OS maps, and Coal Authority information, it is considered that the risk to surface stability from mining and quarrying is low.</p>
<b>Foundations and Floor Slab</b>	<p>Following excavation to reduce ground levels, competent sandstone is likely to be present at the surface or shallow depth below the footprint of the proposed food store. Therefore, conventional spread foundations (strips / pads) and a ground-bearing floor slab are likely to be suitable.</p> <p>It is recommended that the formation level is inspected by a suitably qualified geotechnical engineer following bulk excavation to reduce ground levels, in order to verify that ground conditions are as expected. If necessary, this may be supplemented by excavation of trial pits and in situ geotechnical testing.</p>
<b>Contamination</b>	<p>Base on the previous site investigation works undertaken by Sirius, risks related to potential contaminant linkages involving human health and controlled waters are currently given a qualitative assessment of “low risk”, with specific remedial measures not necessary in this respect.</p>
<b>Ground Gas Risk</b>	<p>Following excavation to reduce ground levels, little, if any, of the existing made ground will remain below the footprint of the proposed food store. Therefore, no further plausible sources</p>

	<p>of ground gases would remain, and therefore the risk to the proposed development is considered low, with ground gas protection being unnecessary.</p> <p>Radon protective measures are not required for the site.</p>
<b>Further Works</b>	<p>The following ground investigation works are recommended to inform foundation / geotechnical design and determination of abnormal costs in relation to the proposed development:</p> <ul style="list-style-type: none"><li>• Boreholes and piezometer installation in proximity to site boundaries in order to inform retaining wall design and slope stability assessment.</li><li>• Production of a formal Geoenvironmental Appraisal report.</li></ul> <p>Intrusive ground investigation works should be carried out by a suitably qualified geoenvironmental consultant.</p> <p>An ecological survey should be carried out to determine whether any invasive plant species are present on site.</p>

**The executive summary given above is an overview of the key findings and conclusions of the report. There may be other information contained within the body of the report which puts into context the findings of the executive summary. No reliance should be placed on the executive summary in isolation.**

## 1. INTRODUCTION

Sirius Geotechnical Ltd (Sirius) was commissioned by Lidl GB Ltd (Lidl) to undertake a preliminary appraisal report (desktop study) for the former St Luke's Hospital site, Blackmoorfoot Road, Crosland Moor, Huddersfield (the "site").

It is understood that Lidl proposes the erection of a foodstore (Use Class E) with associated access, parking, servicing area and landscaping, as shown on HTC Architects Drawing No. 2783-P413 Rev D, dated August 2023, a copy of which is included in Appendix A.

The objectives of this appraisal were to:

- Establish the historical development of the site and surrounding area from a review of available historical Ordnance Survey (OS) maps.
- Establish the environmental setting of the site.
- Determine whether historical or current activities could give rise to significant ground contamination.
- Evaluate whether past mining or other extractive industries could have an influence on the site.
- Determine the potential risk to the development from hazardous ground gas sources, including radon; and,
- Provide recommendations for intrusive works required to confirm the ground conditions below the site and the contamination status of the shallow soils, and, from this, foundation solutions and measures to deal with any contamination.

This investigation includes an assessment of information provided by Landmark Information Group (Envirocheck Report), the British Geological Survey (BGS), the Environment Agency (EA) and the Coal Authority (CA). A site inspection (walkover survey) was undertaken by a Sirius Engineer on 16<sup>th</sup> August 2022.

This report presents and interprets the factual information reviewed during this investigation and presents a Preliminary Conceptual Site Model (PCSM) from which ground-related hazards and risks have been assessed.

A Proposed Levels drawing received for the development (Topping Engineers drawing ref. 21561-DR-C,0802 Rev P2, dated 14.09.23, a copy of which is included in Appendix A) shows that the finished floor level of the proposed food store is 147.5m above Ordnance Datum (AOD). Comparison with the existing ground levels, as shown on Technics Drawing No. 5328-07821-01 Rev B, dated 02/07/2021, indicates that this will require ground levels to be reduced from existing throughout the majority of the footprint of the building, by up to c. 2m in the south, and raised by up to c. 0.3m in a small area in the north. Ground levels are also to be reduced within the proposed external car parking areas, by up to c. 5m in the south, with little change in levels in the northern corner of the site.

In order to accommodate the proposed changes in levels, new retaining walls are proposed along the south-western, south-eastern and part of the north-western boundaries, with a maximum retained height of c. 4.1m. The retaining wall will retain slopes, up to c. 2m high, and with angles of up to 1 in 3.

Should the proposed site layout or finished levels differ from those described above, then amendments to the conclusions and recommendations made in this report may be required.

Where the report refers to the potential presence of invasive plants (such as Japanese Knotweed) or asbestos-containing materials, such observations are for information only and should be verified by a suitably qualified expert.

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## 2. SITE DETAILS AND DESCRIPTION

**Table 2.1 Current Site Overview**

<b>Location</b>	<p>The site is located off Blackmoorfoot Road, c. 2km south-west of Huddersfield town centre.</p> <p>A site location plan is included as Drawing No. C9083B/01, within Appendix A.</p>
<b>National Grid Reference</b>	412540, 415520.
<b>Topography, Site Use and Features</b>	<p>A Site Features Plan is included as Drawing No. C9083B/02 Rev A, within Appendix A.</p> <p>For an appreciation of site topography, refer to Technics Drawing No. 5328-07821-01 Rev B, dated 02/07/2021 (held by the Client). In general, site levels fall from south-west to north-east, with a high point of c. 153m AOD on the south-western boundary, and a low point of c. 147m AOD in the north of the site, with an overall gradient of c. 1 in 12.</p> <p>The site is currently vacant and disused.</p> <p>The majority of the site surface comprises gravel with sandstone cobbles, locally with long grass and weeds. There are areas of remnant asphalt car park surfacing in the south of the site.</p> <p>There are mounds of waste soil / excavation material, up to c. 1m high, in the west of the site, including brick, asphalt, sandstone cobbles and gravel, as well as general builders waste, including breeze blocks, bricks, pallets, manhole rings, mortar tubs and plastic pipes, in the south-western part of the site.</p>
<b>Approximate Site Area</b>	0.7 Hectares.

<b>Site Boundaries and Adjacent Land Uses</b>	<p>The site is currently bound by a wooden fencing on all sides. Along part of the north-western boundary, the fence is atop a vertical brick retaining wall, c. 2.5m high.</p> <p>The site is bound to the south-west and south-east by a recently completed housing development, and to the north and north-east by Blackmoorfoot Road and Turnstone Way respectively, beyond which lie residential properties.</p>
<b>Invasive Plant Species</b>	<p>An ecological survey should be carried out by a suitably qualified specialist to confirm the presence / absence of any invasive plant species on the site, and any implications to development thereof.</p>

### 3. ENVIRONMENTAL SETTING

#### 3.1 Introduction

Published environmental, geological, and historical data relating to the site has been reviewed. A summary of relevant information is provided below, and a copy of the Envirocheck Report and historical OS maps is included as Appendix B.

#### 3.2 Site History

Table 3.1 presents a summary of the historical land uses of the site from 1851 to 2022, based on a review of OS historical maps. It is not the intention of this report to describe in detail all of the changes that have occurred on or adjacent to the site, only those pertinent to the proposed development.

**Table 3.1 Site History**

Map Dates	On-Site Features	Off-Site Features (all distances are approximate)
1851-4	The site mostly comprises undeveloped land. Outbuildings associated with Thentock House are present in the north-west of the site.	The surrounding land is mostly undeveloped, with Thentock House adjoining the north-western corner.  Barton Delf (sandstone quarry) is located 100m north-west of the site.  There is a Well 20m north of the site.
1892-4	There is a School in the northern part of the site.	There is terraced housing located within 50m of the north and west of the site.  There are Hospitals 30m south of the site.
1906-8	Minor changes to the layout of outbuildings associated with the School on the site.	Additional buildings at the Hospitals to the south of the site.  A Burial Ground is shown 70m north-east of the site.
1916-8	Minor changes to the layout of the School building on the site.	No significant changes noted.
1930-8	No significant changes noted.	There is a Mortuary 50m south of the site.  There is a Quarry 200m south of the site.
1948 - 1956	No significant changes noted.	No significant changes noted.
1960	There are two additional rectangular buildings associated with the School, in the west of the site.	No significant changes noted.
1967 - 1978	The School on the site has been demolished. The site now forms part of the grounds to St Lukes Hospital, with	The previous Hospital buildings to the south of the site have been demolished.

Map Dates	On-Site Features	Off-Site Features (all distances are approximate)
	the south-eastern half possibly comprising car parking.	St Lukes Hospital now occupies land immediately to the south of the site.
1982-9	A small part of a building within St Lukes Hospital encroaches on to the southern margin of the site.	No significant changes noted.
1993-5	No significant changes noted.	Additional buildings 15m to the south-west of the site, at St Lukes Hospital.
2000	No significant changes noted.	No significant changes noted.
2022	The site has been cleared and is shown as vacant.	The entire St Lukes Hospital site has been cleared and is shown as vacant land.

### 3.3 Published Geological Information

A summary of available published geological information is provided in Table 3.2, below.

**Table 3.2 Geological Summary**

<b>Sources of Information</b>	<p>BGS 1:50,000 scale geological map (Sheet 77, Huddersfield, Solid and Drift Edition, 2003).</p> <p>BGS 1:10,000 scale geological map (Sheet SE11NW, Huddersfield West, Solid and Drift Edition, 2000).</p> <p>Envirocheck Report (see Appendix B).</p> <p>BGS Geology of Britain Viewer and borehole records (on-line service).</p> <p>CA Interactive Map Viewer (on-line service).</p>
<b>Made Ground</b>	None shown on published geological mapping, but may be locally present.
<b>Superficial Deposits</b>	None shown to be present.
<b>Solid Geology</b>	<p>The site is shown to be underlain by the Rough Rock, a named sandstone unit within the Millstone Grit Group.</p> <p>No faults are shown to affect the site, although a fault is noted outwith the site boundary, close to north-eastern corner, trending in a NW-SE direction, with the downthrow shown on the north-eastern side of the fault.</p>
<b>BGS Borehole Records</b>	None available in proximity to the site.

<b>Mining and Quarrying</b>	<b>Coal Mining:</b> The site is not located within the CA Coal Mining Reporting Area. Therefore, the risk to site stability from coal mining is considered to be negligible.  <b>Quarries:</b> There are five BGS Recorded Mineral Sites within 250m of site. Each of these is recorded as an opencast extraction of sandstone from the Rough Rock, with the closest being 188m south of the site.
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### 3.4 Hydrology and Hydrogeology

A summary of available information pertaining to hydrology and hydrogeology is present in Tables 3.3 and 3.4, below.

**Table 3.3 Surface Water Features**

	<b>Presence/Location</b>	<b>Comments</b>
<b>Classified Watercourses</b>	The closest EA classified watercourse to the site is the River Colne, located c. 420m north-west of the site.	The site is located within the 'Colne from Wessenden Brook to River Holme' Water Body, which was classified by the EA as having Moderate ecological quality and a chemical quality rating of Fail in the most recent assessment (2019) <sup>1</sup> .
<b>Unclassified Watercourses</b>	The Huddersfield Narrow Canal runs along the southern side of the River Colne.	
<b>Surface Water Features (Canals, Ponds, Lakes, etc.) (within 250m)</b>	None shown on recent OS mapping.	
<b>Licensed Surface Water Abstractions (within 1km)</b>	There are eleven records within 1km.	The closest three records are located 322m north-west of the site and all relate to the same activity, i.e., abstraction from a catchpit for use in textiles and leather manufacturing.
<b>Flood Risk Status</b>	The Envirocheck report indicates that the site lies within Flood Zone 1.	This is the lowest flood risk category within the EA's classification system.

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<sup>1</sup> <https://environment.data.gov.uk/catchment-planning/WaterBody/GB104027063330>

**Table 3.4 Groundwater Vulnerability and Abstraction**

	<b>Presence/location</b>	<b>Comments</b>
<b>Aquifer Classification</b>	The solid strata underlying the site are classified by the EA as a Secondary A Aquifer.	The EA defines Secondary A Aquifers as permeable layers that can support local water supplies, and may form an important source of base flow to rivers.
<b>Licensed Abstractions (within 1km)</b>	There are eight records within 1km.	The closest three records are located 459m north-west of the site and all relate to the same activity, i.e., abstraction from a borehole for use in textiles and leather manufacturing.
<b>Source Protection Zones (within 1km)</b>	None recorded.	
<b>Groundwater Flood Risk</b>	The Envirocheck report indicates that the site is within an area with limited potential for groundwater flooding to occur.	

### 3.5 Landfilling and Waste Management

**Table 3.5 Waste Management Activities**

	<b>Presence / Location</b>	<b>Comments</b>
<b>Landfills (within 250m)</b>	There is a Historical Landfill Site recorded 230m south of the site.	This landfill was known as Dry Clough, waste including inert and commercial waste was deposited from 1968 to 1974.
<b>Licensed Waste Management Facilities (within 500m)</b>	None recorded.	
<b>Walkover Evidence of Fly-Tipping on Site?</b>	Builders waste is present in the south-west of the site.	

### 3.6 Radon Risk

The Envirocheck report states that the site lies within an area where no radon protective measures are required.

### 3.7 Unexploded Bomb Risk

An Unexploded Bomb Risk Map downloaded for the site from the Zetica UXO website shows that the site is located in an area that indicated as having 15 bombs per 1,000 hectares or less, which is the lowest of the three possible risk categories for land outside London.

### 3.8 Other

Other potentially contaminative activities or environmental constraints are listed below. The entries relate to activities within approximately 250m of the site, with the exception of COMAH facilities where the assessment is extended to a distance of approximately 1km from the site:

- A Pollution Incident to Controlled Waters is recorded 226m to the north of the site. This occurred in 1992 and was classified as a Minor Incident involving fire water / foam entering a surface water course.
- There are seven Contemporary Trade Directory entries within 250m of the site, three of which are listed as Active. The closest potentially polluting entry is located 238m north-east of the site, for Garage Services.

## 4. PREVIOUS SITE INVESTIGATION REPORTS

### 4.1. Introduction

The following reports pertaining to the site have been reviewed as part of this Preliminary Appraisal:

- Sirius Geotechnical Ltd. '*C9083 – Land off Blackmoorfoot Road, Huddersfield – Site Investigation Letter Report*', ref. C9083/AMG/9688, dated 17<sup>th</sup> September 2021. A copy of this letter report is included within Appendix C of this Preliminary Appraisal.
- BWB Consulting Ltd (BWB). '*St Lukes Hospital, Blackmoorfoot Road, Huddersfield - Phase II Geoenvironmental Assessment Report*', ref. STL-BWB-00-XX-EN-RP-0001\_Ph2\_P2, dated June 2016.
- BWB. '*St Lukes Hospital, Nabcroft Lane, Huddersfield - Phase 1 Geoenvironmental Assessment Report*', ref. LDS1043/01/V2, dated September 2014.

The above-referenced BWB reports were summarised in a letter report to Lidl by Sirius, ref. C9083/7800/NJ/NJ, dated 5<sup>th</sup> March 2021.

The relevant findings of the above-referenced reports are summarised below; the original documents should be referred to for full details.

### 4.2. Sirius Review of Previous BWB Reports

#### Background

The Phase 1 Geoenvironmental Assessment Report included a walkover survey of the site in May 2014, and it was noted that demolition and site clearance was ongoing at that time.

The Phase II Geoenvironmental Assessment Report was produced for a consortium of companies that were considering a retail development of the wider former St Lukes Hospital site (3.6 hectares), of which the Lidl site considered within this Preliminary Appraisal forms the northernmost part.

#### Scope of Works

The fieldworks were undertaken in March and April 2016 and comprised 22 No. trial pits, excavated with a JCB-3CX backhoe excavator (some with soakaway testing), 4 No. windowless sampler boreholes, 3 No. cable percussion boreholes, and dynamic cone penetrometer testing. However, it

should be noted that only two trial pits (TP24 and TP25) were located within the current Lidl site boundary.

At the time of the investigation, the former hospital had been demolished and the site was essentially vacant, with some demolition material stockpiles remaining on the site.

## **Ground Conditions**

Both trial pits within the Lidl site boundary encountered made ground.

In TP24, in the north-western part of the site, the made ground comprised topsoil to 0.2m below ground level (bgl), overlying coarse granular demolition waste to 0.7m bgl, overlying loose sandy gravel and cobbles of sandstone (logged as being possible re-worked ground), to a depth of 1.5m bgl. Rockhead (yellow-brown sandstone) was encountered at 1.5m bgl / 148.99m AOD, and the trial pit was terminated at 1.7m bgl, due to the strength of the rock encountered.

In TP25, in the central part of the site, the made ground comprised sandy topsoil-like material, to 0.5m bgl / 147.59m AOD, overlying weathered sandstone, recovered as slightly sandy gravel with high cobble and boulder content. The trial pit was terminated at 2.05m bgl, i.e., the target depth for soakaway testing.

Groundwater was not encountered in either trial pit.

## **Soakaway Testing Results**

Three soakaway tests were undertaken within TP25, between 1.7m and 2.05m bgl. The pits were empty of water within 2 minutes and the recorded infiltration rates were  $9.4 \times 10^{-4}$  m/s to  $1.2 \times 10^{-3}$  m/s.

## **Soil Contaminant Concentrations**

Eleven soil samples from the wider former hospital site were analysed for a suite of contaminants; two of the samples were from the trial pits within the Lidl site boundary. The results indicate no exceedance of any determinant when compared against Sirius' human health risk Generic Assessment Criteria (GAC) for a commercial land use. Notwithstanding the above, chrysotile asbestos was identified within TP52, which was excavated into a demolition stockpile located c. 20m south of the site.

## Ground Gas Monitoring

A programme of six hazardous ground gas monitoring visits was undertaken within standpipes installed within the three cable percussion boreholes. None of these boreholes were located within the current Lidl site.

Low methane and carbon dioxide concentrations were recorded together with low borehole gas flow rates. Based on these results, the site was classified as Characteristic Situation 1 (i.e., very low ground gas risk), with no ground gas protection measures necessary.

### 4.3. Sirius Site Investigation Letter Report, September 2021

#### Background

This phase of site investigation was undertaken for Lidl and was intended to inform an initial assessment of abnormal development costs for the proposed food store development of the site, and not intended as a full geoenvironmental appraisal for submission to regulatory authorities, building warranty providers, etc.

It should be noted that this site investigation was based on a now-superseded proposed site layout, with the foodstore building located in the west of the site, adjacent to the proposed retaining wall.

#### Scope of Works

Fieldworks were carried out on 25<sup>th</sup> and 26<sup>th</sup> August 2021 and comprised fourteen mechanically excavated trial pits (TP01 – TP14), to a maximum depth of 5.1m bgl.

#### Ground Conditions

Made ground was identified in every trial pit, to depths ranging between 0.6m and 2.9m bgl.

Intact asphalt surfacing was recorded in two trial pits in the south-west of the site, to depths of 0.2m and 0.3m bgl. Buried intact asphalt surfacing was also identified in three trial pits in the south of the site, at depths ranging between 0.4m and 0.95m bgl.

Made ground comprising topsoil was encountered at the surface in two trial pits in the north-west of the site, to depths of 0.3m and 0.4m bgl.

Below the superficial materials, the remainder of the made ground was granular in nature, mostly comprising dark brown gravelly sand with low to high cobble content, of brick, concrete and sandstone, and low to medium boulder content, of concrete. The gravel-sized material comprised

mostly brick, concrete and sandstone, with varying proportions of limestone, mudstone and asphalt also recorded locally.

An intact vertical brick wall was recorded in TP05, from 0.5m bgl, to the base of the made ground (2.9m bgl).

Intact sandstone (Rough Rock) was encountered directly beneath the made ground in every trial pit. This comprised weak to moderately weak yellowish brown sandstone. It was possible to excavate to depths of between 2.6m and 4.1m bgl using a toothed 3-foot bucket with the 25-tonne excavator used. A hydraulic breaker attachment was required to advance TP02, TP03 and TP04 to depths equivalent to the proposed food store finished floor level.

Groundwater seepage was not observed during excavation of any trial pit.

## **Soil Contaminant Concentrations**

### *Made Ground*

Fourteen samples of made ground (two of which comprised topsoil) were analysed for a suite of commonly occurring contaminants, including metals, speciated polycyclic aromatic hydrocarbons (PAH), asbestos, speciated total petroleum hydrocarbons (TPH), pH and water-soluble sulphate.

None of the samples of made ground tested were recorded to contain concentrations of any contaminants that exceed the Sirius GAC for a Commercial land use. Asbestos was not detected within any of the samples analysed. Four of the samples were recorded to have pH values greater than the GAC (9), set to be protective against potential dermal irritation. Two of the samples were recorded to contain concentrations of water-soluble sulphate that exceed the GAC (0.5 g/l), set at the upper bound of Design Sulphate Class DS-1 in BRE Special Digest 1, *Concrete in Aggressive Ground*.

### *Rough Rock Sandstone*

Three samples of finer material recovered from the Rough Rock sandstone were analysed for a suite of contaminants as per the made ground (excluding asbestos).

None of the samples of weathered sandstone tested were recorded to contain concentrations of any contaminants that exceed the Sirius GAC for a Commercial land use. One of the samples was recorded to have a pH value greater than the GAC.

### *Asphalt Samples*

Three samples of buried intact former asphalt surfacing were analysed for a coal tar identification suite, with interpretation by the laboratory as to whether they contained coal tar.

Two of the samples were determined to not contain coal tar, with the analysis on the other sample said to be inconclusive. However, as the concentration of benzo(a)pyrene within this sample was recorded to be less than 50 mg/kg, it is considered unlikely that this material would be classified as hazardous waste where off-site removal is required.

## **Preliminary Conclusions and Recommendations**

### *Foundations and Floor Slab*

Following excavation to reduce ground levels, competent sandstone is likely to be present at the surface or at shallow depth below the footprint of the proposed food store. Therefore, conventional spread foundations (strips / pads) are likely to be a suitable foundation solution. The foundations should be a minimum of 450mm deep below finished ground level.

As competent sandstone is likely to be present at finished floor level following earthworks to reduce levels, construction of a ground-bearing floor slab is likely to be feasible.

### *External Paved Areas*

Following excavation to reduce ground levels, competent sandstone is likely to be present at the surface or shallow depth below the majority of the proposed external paved areas, and therefore, at this stage, it is considered likely that standard construction techniques will be suitable.

### *Retaining Structures and Slope Stability*

Following excavation to reduce ground levels, competent sandstone is likely to be present at the founding level to the proposed retaining walls.

The material within the proposed slopes to be retained by the proposed retaining walls is likely to comprise made ground overlying sandstone. It is recommended that site investigation specific to the proposed retaining walls and slopes, to include in situ geotechnical testing (e.g., borehole drilling with standard penetration tests (SPTs)) and groundwater pressure monitoring, is undertaken to facilitate global slope stability assessment and inform the design of the required retaining structures.

### *Concrete in Aggressive Ground*

Concrete structures (e.g., foundations and retaining walls) that are to be in contact with made ground following construction should meet the requirements of Design Sulphate Class DS-2 and ACEC Class AC-2, as defined within BRE Special Digest 1.

### *Soil Contamination*

Based on the soil contamination analysis results outlined above, it is considered that the risk to human health following development is low, with no specific remedial measures necessary in this respect.

A growth medium of suitable topsoil is likely to be required for areas of proposed planting.

### *Hazardous Ground Gases*

Following excavation to reduce ground levels, little, if any, of the existing made ground will remain below the footprint of the proposed food store. Therefore, further to the previous assessments undertaken by others, no further plausible sources of ground gases remain, and therefore the risk to the proposed development is considered low, with ground gas protection, including against radon, being unnecessary.

### *Soakaways*

Soakaway testing undertaken previously by BWB on the site recorded high soakaway infiltration rates within the weathered Rough Rock sandstone at shallow depth below current site levels.

If soakaways are to be considered for use on the site, it is recommended that supplementary infiltration testing is undertaken within the more competent (i.e., possibly less permeable) sandstone at representative soakaway invert depths below finished levels; it should be noted that this may not be practicable before earthworks to reduce site levels are undertaken, due to the depth of excavation required from existing levels.

## 5. PRELIMINARY CONCEPTUAL MODEL

Based on an assessment of the published information, a preliminary conceptual site model (PCSM) was developed for the proposed future land-use (commercial). This summarises the understanding of surface and sub-surface features, the potential contaminant sources, transport pathways and receptors in order to assess potential contaminant linkages.

The PCSM is summarised on Drawing No. C9083B/03 Rev A in Appendix A.

In summary, based on the assessments described in Section 4, the PCSM has identified that there are no apparent unacceptable residual risks from contaminant linkages (defined as being greater than 'low' risk, as defined in Appendix D).

## 6. CONCLUSIONS AND RECOMMENDATIONS

### 6.1. General

This preliminary appraisal report has been performed for the former St Luke's Hospital site, Blackmoorfoot Road, Crosland Moor, Huddersfield.

It is understood that Lidl proposes the erection of a foodstore (Use Class E) with associated access, parking, servicing area and landscaping, as shown on HTC Architects Drawing No. 2783-P413 Rev D, dated August 2023.

A Proposed Levels drawing received for the development (Topping Engineers drawing ref. 21561-DR-C,0802 Rev P2, dated 14.09.23 shows that the finished floor level of the proposed food store is 147.5m AOD. Comparison with existing ground levels indicates that this will require ground levels to be reduced from existing throughout the majority of the footprint of the building, by up to c. 2m in the south, and raised by up to c. 0.3m in a small area in the north. Ground levels are also to be reduced within the proposed external car parking areas, by up to c. 5m in the south, with little change in levels in the northern corner of the site.

In order to accommodate the proposed changes in levels, new retaining walls are proposed along the south-western, south-eastern and part of the north-western boundaries, with a maximum retained height of c. 4.1m. The retaining wall will retain slopes, up to c. 2m high, and with angles of up to 1 in 3.

Should the proposed site layout or finished levels differ from those described above, then amendments to the conclusions and recommendations made in this report may be required.

### 6.2. Flood Risk

According to the Envirocheck Report, the site is within Flood Zone 1.

### 6.3. Mining and Quarrying

Based on published geological plans, the Envirocheck report, historical OS maps, and CA information, it is considered that the risk to site stability from mining and quarrying is low.

### 6.4. Foundations and Floor Slab

Following excavation to reduce ground levels, competent sandstone is likely to be present at the surface or shallow depth below the footprint of the proposed food store. Therefore, conventional

spread foundations (strips / pads) are likely to be a suitable foundation solution. The foundations should be a minimum of 450mm deep below finished ground level.

As competent sandstone is likely to be present at finished floor level following earthworks to reduce levels, construction of a ground-bearing floor slab is likely to be feasible.

It is recommended that the formation level is inspected by a suitably qualified geotechnical engineer following bulk excavation to reduce ground levels, in order to verify that ground conditions are as expected, and suitable for shallow spread foundations and a ground-bearing floor slab. If necessary, this may be supplemented by excavation of trial pits and in situ geotechnical testing, e.g., SPTs in boreholes, or plate load testing.

## **6.5. Contamination Constraints**

The previous site investigation works undertaken by Sirius determined that soil contaminant concentrations at the site were less than the GAC for the proposed commercial end use. Furthermore, the widespread proposed reduction in levels at the site will remove the majority of existing made ground, leaving natural sandstone at or near the surface.

Therefore, risks related to potential contaminant linkages involving human health and controlled waters are currently given a qualitative assessment of “low risk”, as defined in Appendix D.

## **6.6. Hazardous Gas**

Following excavation to reduce ground levels, little, if any, of the existing made ground will remain below the footprint of the proposed food store. Therefore, further to the previous assessments undertaken by others, no further plausible sources of ground gases would remain, and therefore the risk to the proposed development is considered low, with ground gas protection being unnecessary.

According to the Envirocheck report, radon protective measures are not required for the site.

## **6.7. Invasive Plants**

It is recommended that an invasive species survey is carried out by a specialist ecologist, to confirm the presence or absence of invasive species, and the implications thereof.

## 7. FURTHER WORKS

The following ground investigation works are recommended to inform foundation / geotechnical design and determination of abnormal costs in relation to the proposed development:

- Borehole drilling and piezometer installation in proximity to site boundaries in order to inform retaining wall design and slope stability assessment.
- Production of a formal Geoenvironmental Appraisal report.

Intrusive ground investigation works should be carried out by a suitably qualified geoenvironmental consultant.

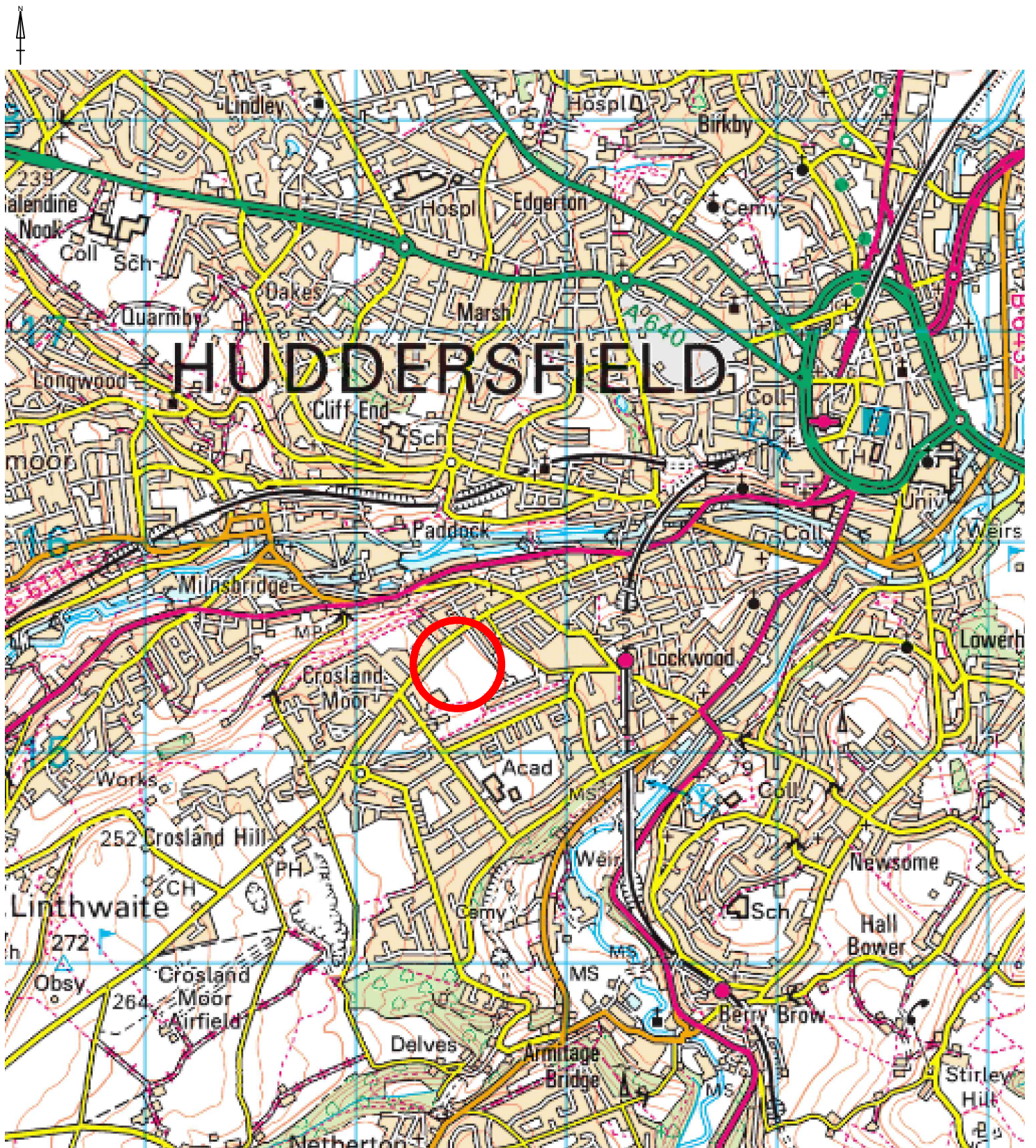
An ecological survey should be carried out to determine whether any invasive plant species are present on site.

## **8. REGULATORY APPROVALS**

The conclusions and recommendations presented above are considered reasonable based on the findings of the Preliminary Appraisal. However, these cannot be guaranteed to gain regulatory approval and, therefore, the report should be passed to the appropriate regulatory authorities and / or other relevant organisations for their comment and approval prior to undertaking any works on site.




APPENDIX A  
DRAWINGS



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**NOTES**

 Site Location

REVISION		CLIENT	DRAWING NO.	REVISION NO.	
D	For Information	Lidl GB Ltd	C9083B/01	0	
A	>>				
B	>>				
C	>>	SITE	DRAWN BY	APPROVED BY	
D	>>	Proposed Lidl Foodstore, Crosland Moor, Huddersfield	MF	AMG	
SIRIUS GEOTECHNICAL LTD 4245 Park Approach, Thorpe Park, Leeds LS15 8GB <a href="http://www.the-siriusgroup.com">www.the-siriusgroup.com</a> TEL: 0113 264 9960 FAX: 0113 264 9962		DRAWING TITLE	DATE	SCALE	
		Site Location Plan	August 2022	1:25,000	A4



01. General View of Site

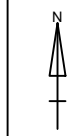


02. View of builders waste and boundary with adjoining housing



03. Brick retaining wall at site boundary, and builders waste on the site

- NOTES**
- Site Boundary
  - ① Photo Location and Direction



REVISION	BY	DATE
0	For Information	JF 22/08/22
A	Updated with revised redline boundary from Drawing No. 2783/P413 Rev D	MF 11/12/23
B	>>	>> >>
C	>>	>> >>
D	>>	>> >>

SIRIUS  
 GEOTECHNICAL LTD  
 4245 Park Approach,  
 Thorpe Park,  
 Leeds  
 LS15 8GB  
[www.thesiriusgroup.com](http://www.thesiriusgroup.com)  
 TEL: 0113 264 9980  
 FAX: 0113 264 9962



CLIENT  
**Lidl GB Ltd**

SITE  
**Proposed Lidl Foodstore, Crosland Moor, Huddersfield**

DRAWING TITLE  
**Site Feature Plan**

DRAWING NO. C9083B/02	REVISION NO. A
DRAWN BY JF	APPROVED BY AMG
DATE August 2022	SCALE 1:1,000
	PAPER SIZE A3



04. Grassed bank and remnant asphalt car park surface



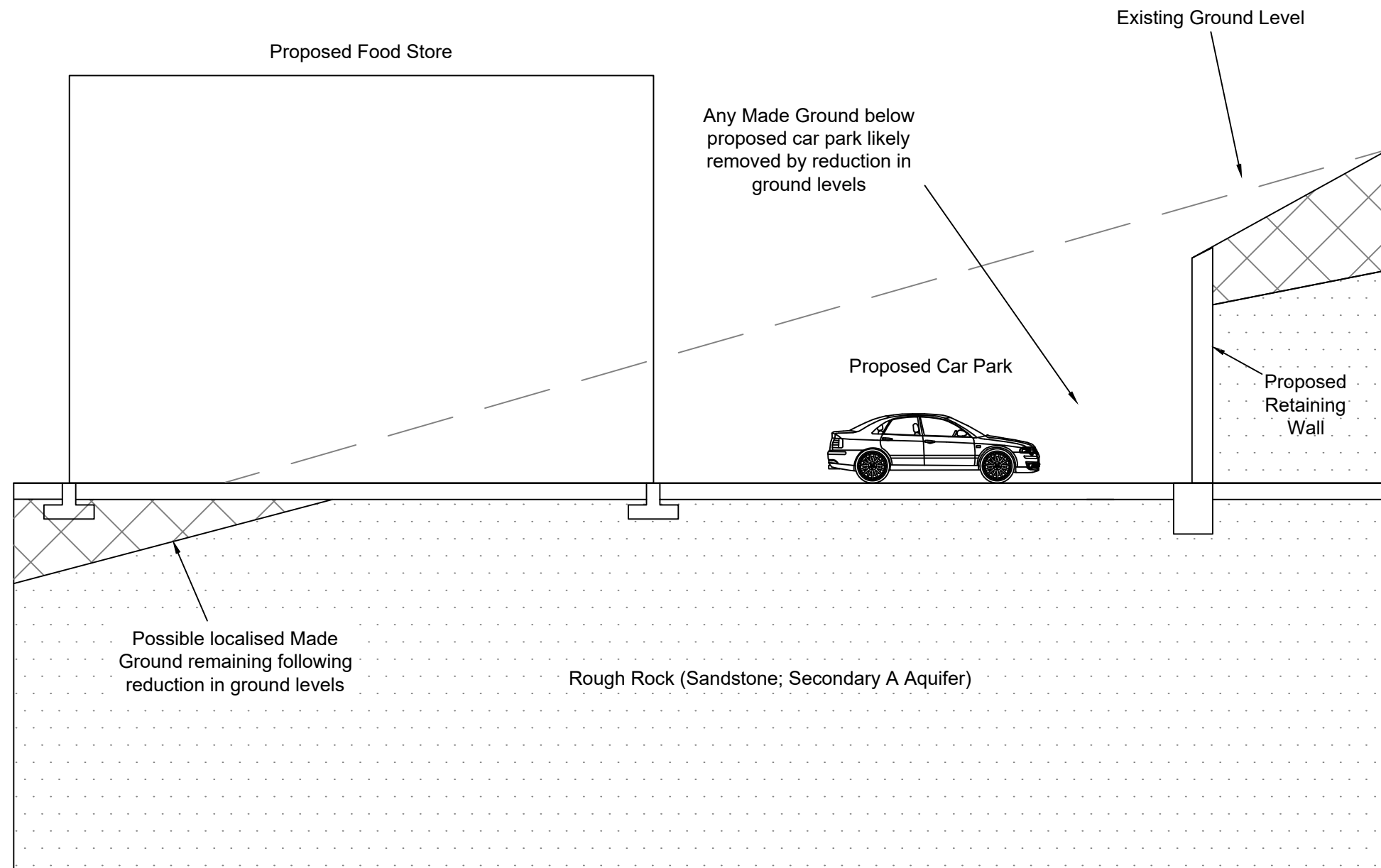
05. Low brick retaining wall to garden adjoining site



06. General view of eastern part of the site

East

West



NOTES

REVISION	BY	DATE
0	For Information	MF 19/08/22
A	Amended for new site layout	AMG 15/09/23
B	>>	>> >>
C	>>	>> >>
D	>>	>> >>

SIRIUS  
 GEOTECHNICAL LTD  
 4245 Park Approach,  
 Thorpe Park,  
 Leeds  
 LS15 8GB  
[www.thesiriusgroup.com](http://www.thesiriusgroup.com)  
 TEL: 0113 264 9960  
 FAX: 0113 264 9962



CLIENT  
  
**Lidl Great Britain Ltd**

SITE  
  
**Land off Blackmoorfoot Road,  
 Huddersfield**

DRAWING TITLE  
  
**Preliminary Conceptual  
 Site Model**

DRAWING NO. C9083B/03	REVISION NO. A
DRAWN BY MF	APPROVED BY AMG
DATE August 2022	SCALE NTS
	PAPER SIZE A3

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DO NOT SCALE!  
ALL DIMENSIONS SHOULD BE CHECKED ON SITE BEFORE WORK COMMENCES

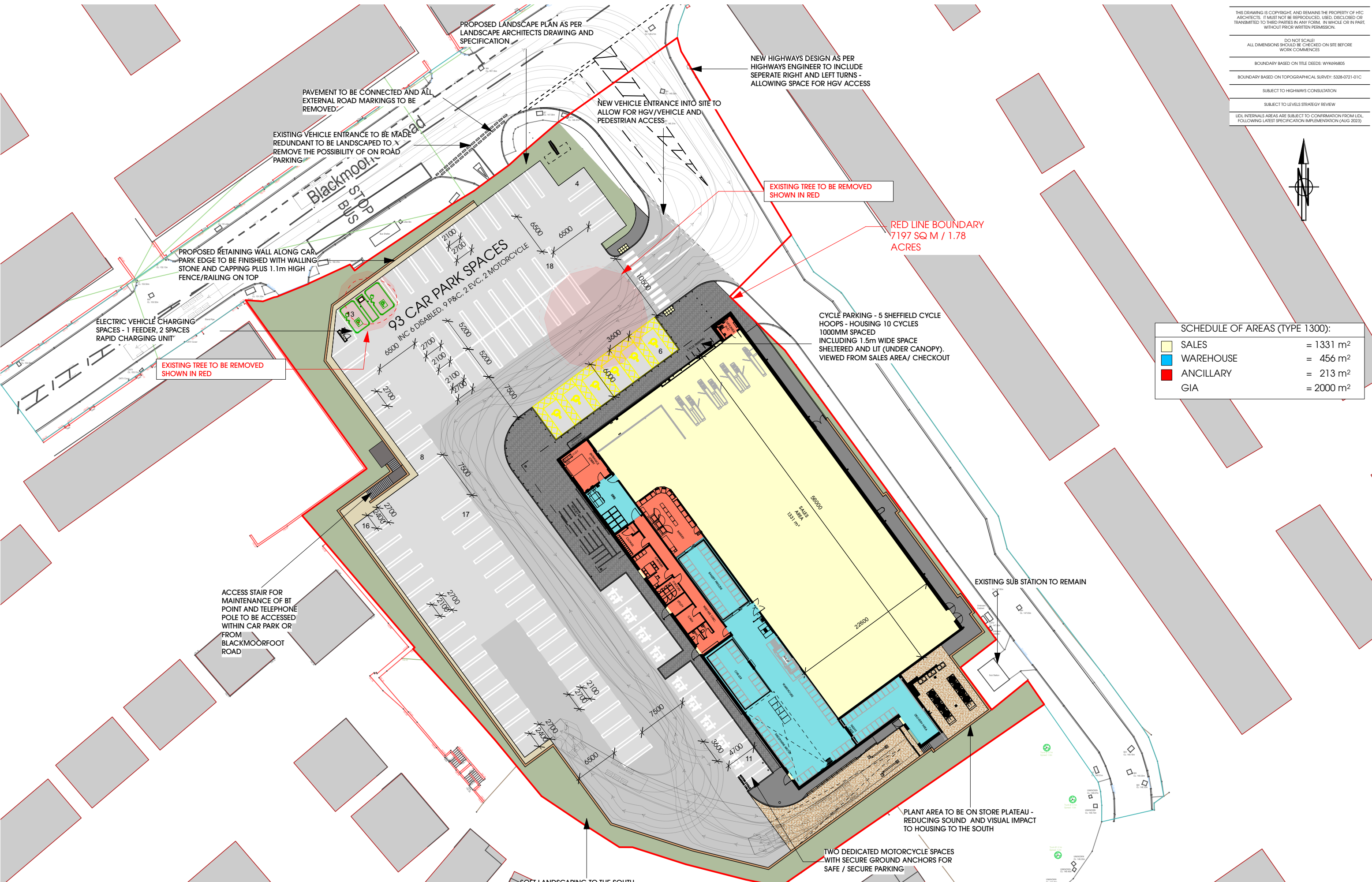
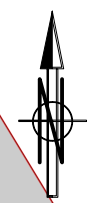
BOUNDARY BASED ON TITLE DEEDS: WYK696805

BOUNDARY BASED ON TOPOGRAPHICAL SURVEY: 5328-0721-01C

SUBJECT TO HIGHWAYS CONSULTATION

SUBJECT TO LEVELS STRATEGY REVIEW

LIDL INTERNALS AREAS ARE SUBJECT TO CONFIRMATION FROM LIDL FOLLOWING LATEST SPECIFICATION IMPLEMENTATION (AUG 2023)



**SCHEDULE OF AREAS (TYPE 1300):**

SALES	= 1331 m <sup>2</sup>
WAREHOUSE	= 456 m <sup>2</sup>
ANCILLARY	= 213 m <sup>2</sup>
GIA	= 2000 m <sup>2</sup>



Rev	Date	Description	Drawn
D	05/12/2023	Annotation amended	BM
C	30/10/2023	Site plan updated - bollards added, motorcycle spaces added.	BM
B	04/10/2023	Annotation changes	BM
A			

**htcarchitects**  
York Place Studio  
8 Britannia Street  
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LS1 2QZ  
T: (0113) 244 3457  
W: www.htcarchitects.co.uk  
E: info@htcarchitects.co.uk

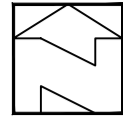
client  
Lidl GB Ltd.



project  
Blackmoorfoot Road  
Huddersfield

drawing title  
Proposed Site Plan

date August 2023  
status Planning  
scale 1:500 @ A3  
drawn KA checked BM  
job no. 2783 dwg no. P413 rev. D



Station	Existing	Proposed	Height
1000	148.00	148.00	148.00
1001	148.00	148.00	148.00
1002	148.00	148.00	148.00
1003	148.00	148.00	148.00
1004	148.00	148.00	148.00
1005	148.00	148.00	148.00
1006	148.00	148.00	148.00
1007	148.00	148.00	148.00
1008	148.00	148.00	148.00
1009	148.00	148.00	148.00
1010	148.00	148.00	148.00
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1098	148.00	148.00	148.00
1099	148.00	148.00	148.00
1100	148.00	148.00	148.00

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- Key:**
- Minor Contour
  - Major Contour
  - X 144.00 Proposed Levels
  - 1/60 Proposed Gradient
  - Proposed Retaining Wall

P2	UPDATE TO SUIT NEW SITE LAYOUT	14.09.23	JS
P1	FIRST ISSUE	15.10.21	RT
No.	Revision	Date	Drwn

Status: **PRELIMINARY**



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w: www.topping-engineers.com  
e: info@topping-engineers.com

Client: **LIDL**

Project: **Proposed LIDL Food Store  
Crossland Moor**

Drawing title: **PROPOSED LEVELS**

Drawn	RT	Chkd	AD	Date	OCT 21	Scale	1/250
Contract No.	21561-DR-C	Orig No.	0802	Revision			P2



## APPENDIX B

# ENVIROCHECK REPORT



## Yorkshire

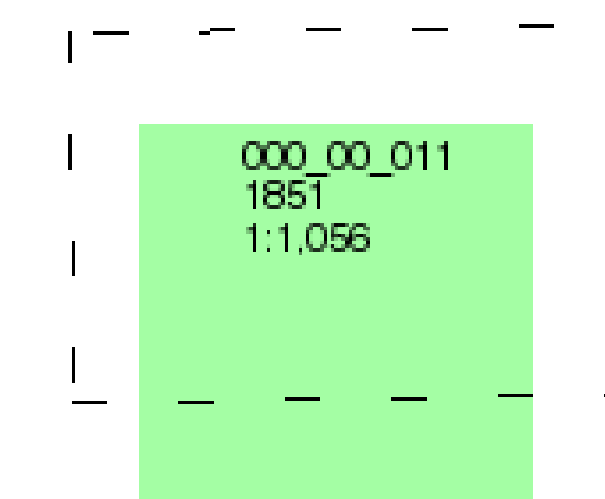
Published 1851

Source map scale - 1:1,056

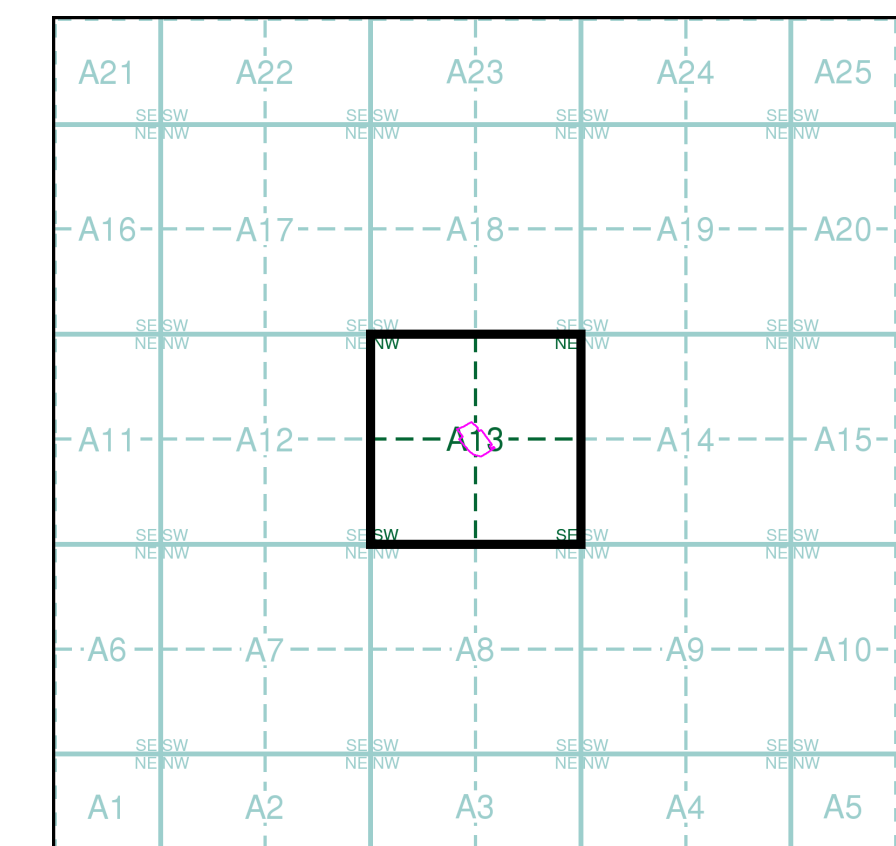
The 1:1056 scale of Ordnance Survey mapping was adopted for Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the Ordnance Survey and a 'skeleton' survey of the capital, showing little more than streets, street names, frontages and altitudes, was undertaken between 1848 and 1850. The majority of the 1:1056 surveys were later replaced by 1:500 surveys; although almost all the remainder were revised at this scale, sometimes more than once before 1895. The type of detail shown on the 1:1056 scale is broadly similar to that on 1:500; the apparent omission of minor details such as sewer access points and street lights may be as much a reflection of the generally earlier date of these plans, as of the specification of the map.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

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



### Historical Town Plan - Segment A13



### Order Details

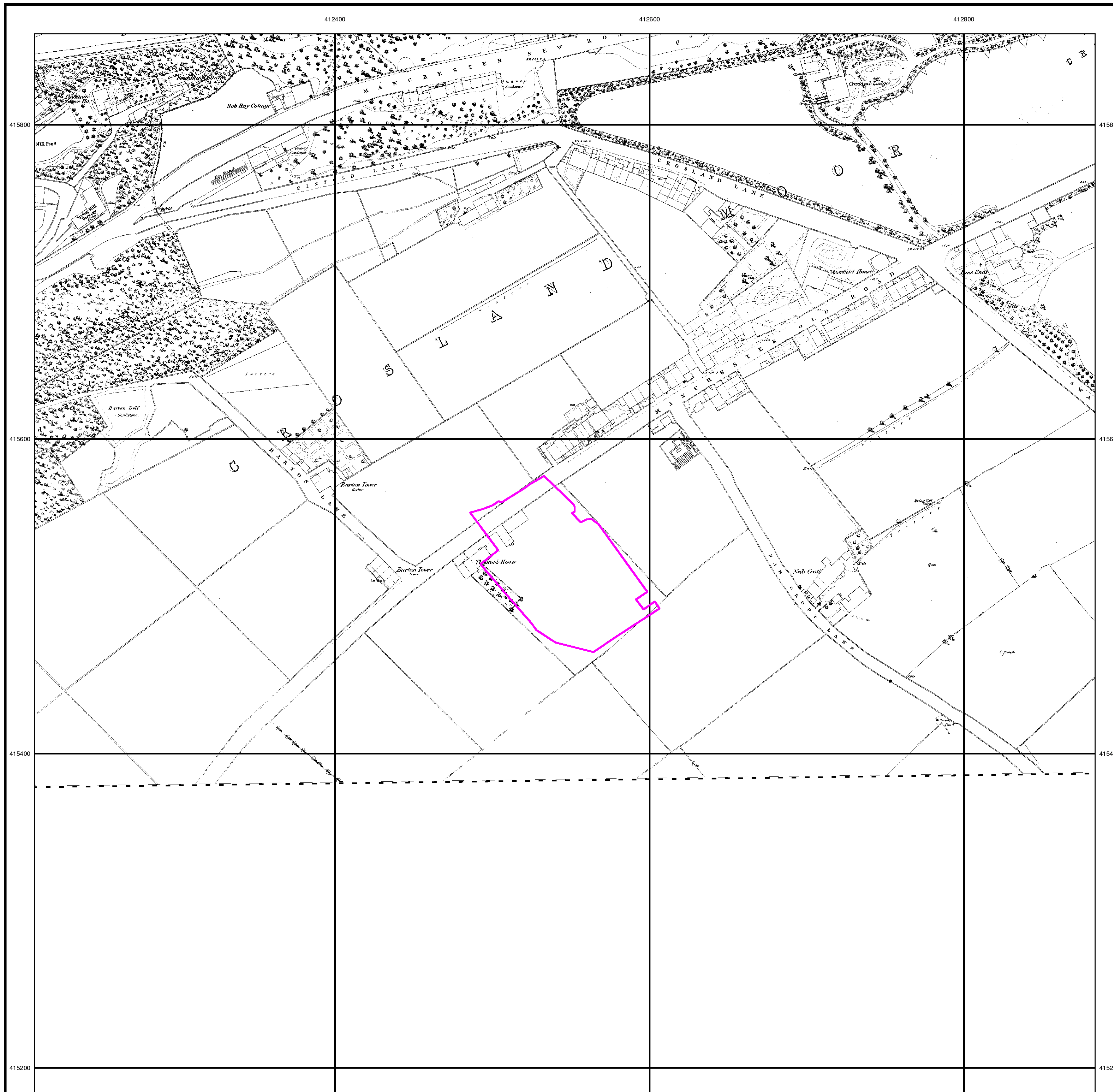
Order Number: 299834780\_1\_1  
Customer Ref: C9083B  
National Grid Reference: 412540, 415520  
Slice: A  
Site Area (Ha): 0.73  
Search Buffer (m): 0

### Site Details

Land off Blackmoorfoot Road, HUDDERSFIELD, HD4 5RE



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





Yorkshire

Published 1890

Source map scale - 1:500

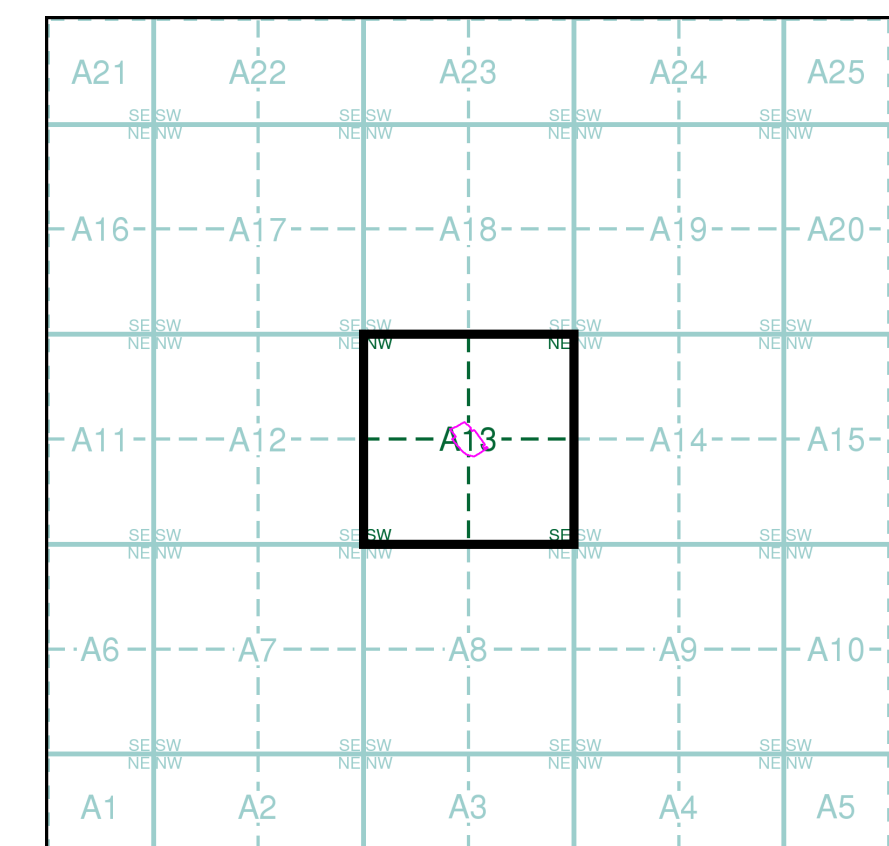
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to complement the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

245_14_024	245_14_025
1890	1890
1:500	1:500

Historical Town Plan - Segment A13



Order Details

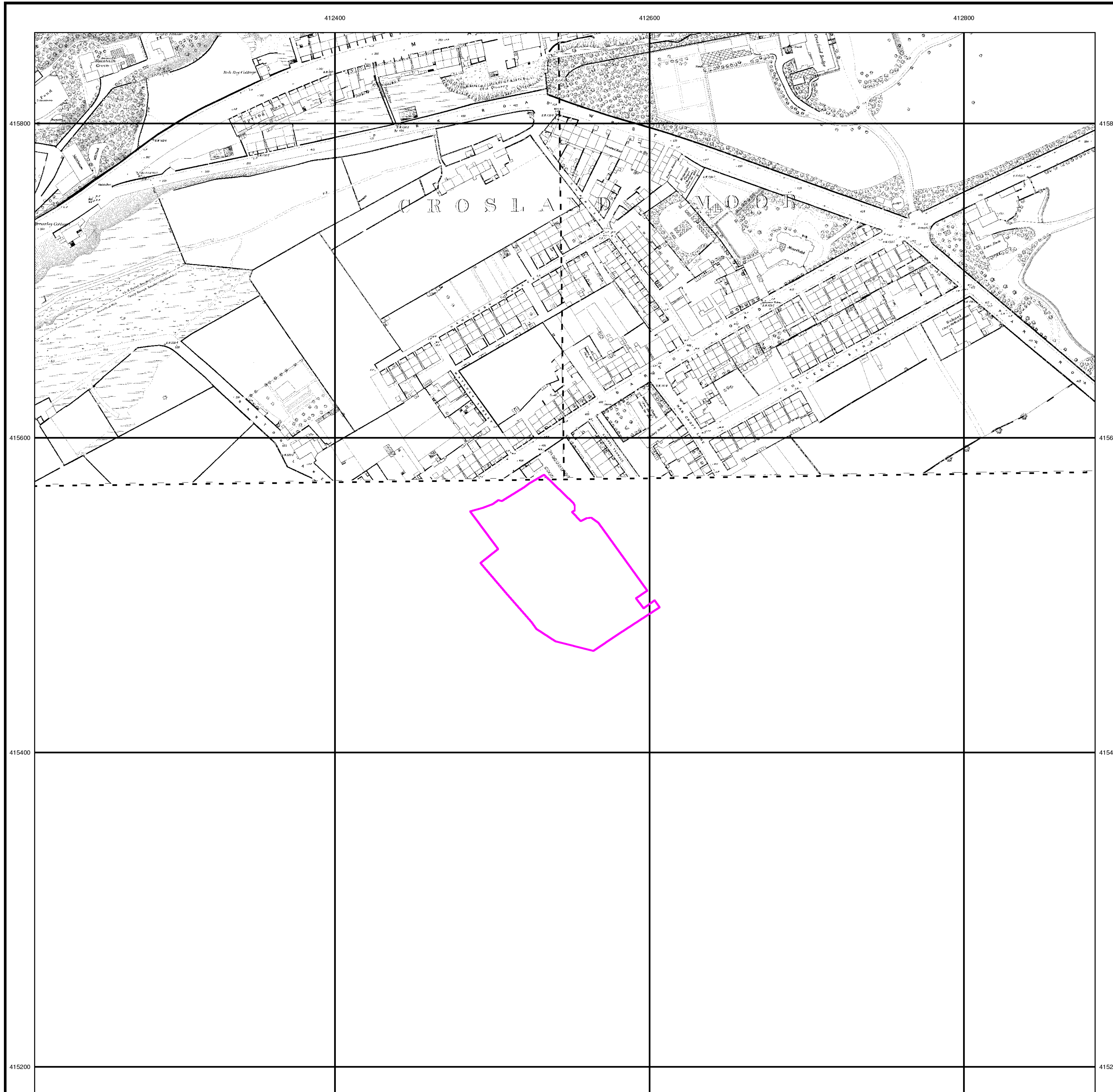
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 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 0

Site Details

Land off Blackmoorfoot Road, HUDDERSFIELD, HD4 5RE



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



# 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		
	<b>-285</b> 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				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	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		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		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

## 1:10,000 Raster Mapping

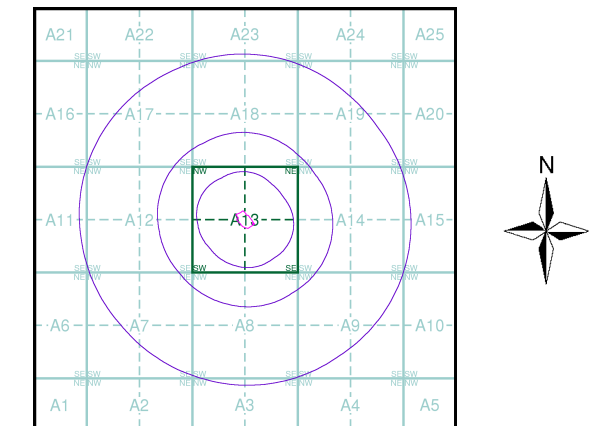
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1854	2
Yorkshire	1:10,560	1894	3
Yorkshire	1:10,560	1908	4
Yorkshire	1:10,560	1930	5
Yorkshire	1:10,560	1938	6
Yorkshire	1:10,560	1948	7
Ordnance Survey Plan	1:10,000	1956	8
Ordnance Survey Plan	1:10,000	1966 - 1969	9
Ordnance Survey Plan	1:10,000	1978	10
Ordnance Survey Plan	1:10,000	1984 - 1987	11
10K Raster Mapping	1:10,000	2000	12
Street View	Variable		13

## Historical Map - Slice A



## Order Details

Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

## Site Details

Land off Blackmoorfoot Road, HUDDERSFIELD, HD4 5RE



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Yorkshire

Published 1854

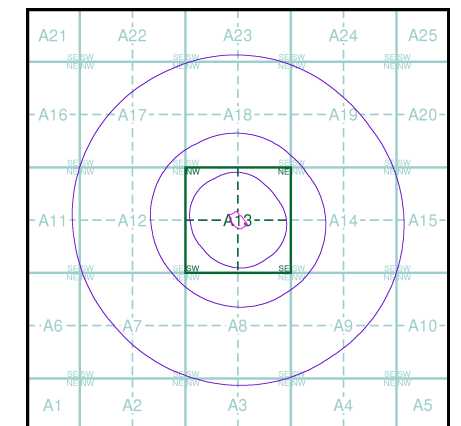
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

24600	1854
1:10,560	
26000	1854
1:10,560	

Historical Map - Slice A



Order Details

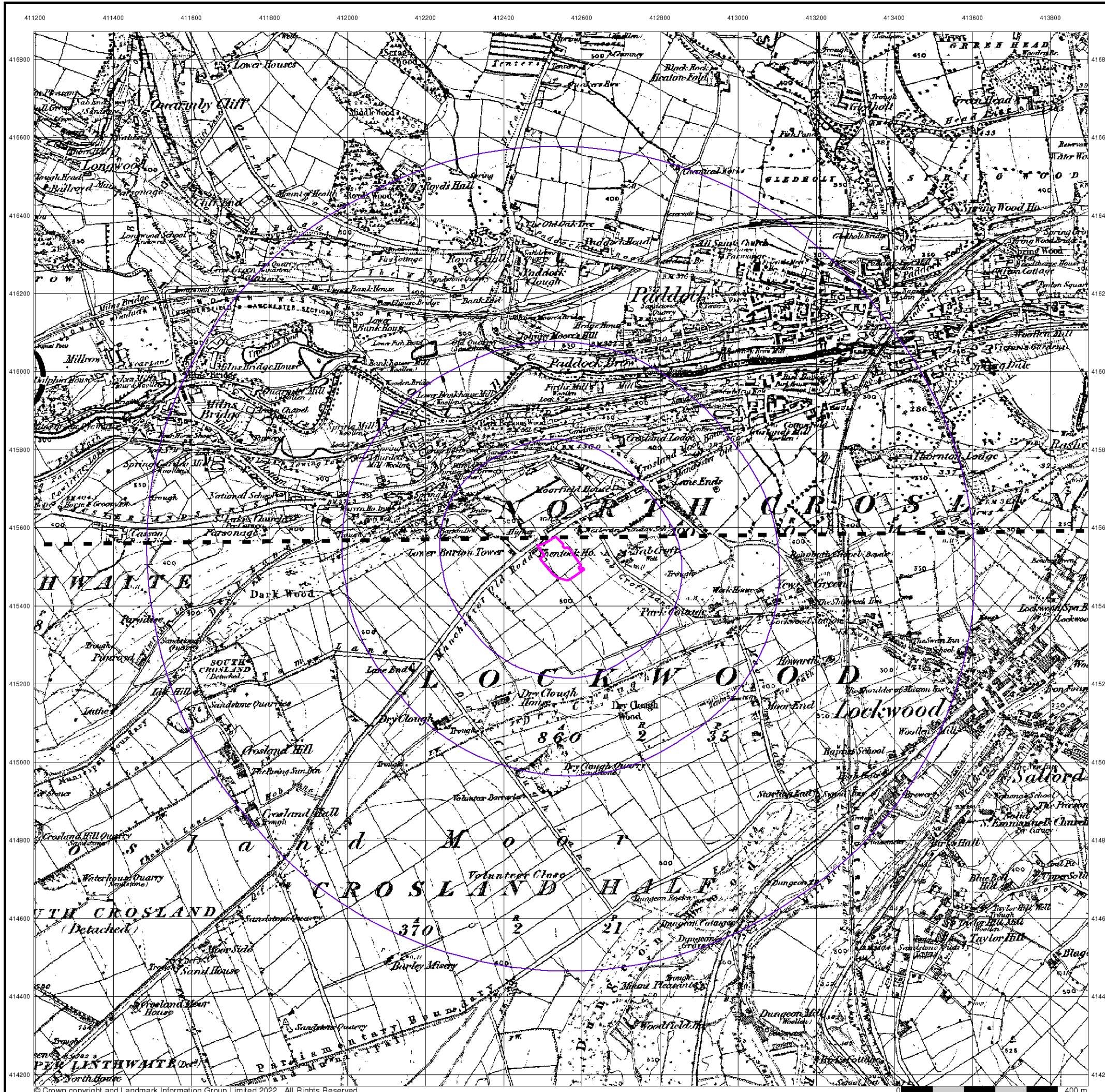
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

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## Yorkshire

Published 1894

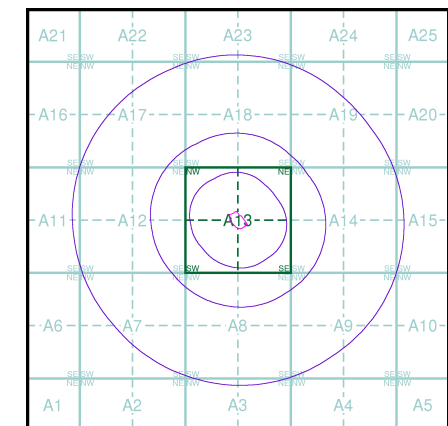
Source map scale - 1:10,560

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)

246SW 1894 1:10,560	246SE 1894 1:10,560
260NW 1894 1:10,560	260NE 1894 1:10,560

### Historical Map - Slice A



### Order Details

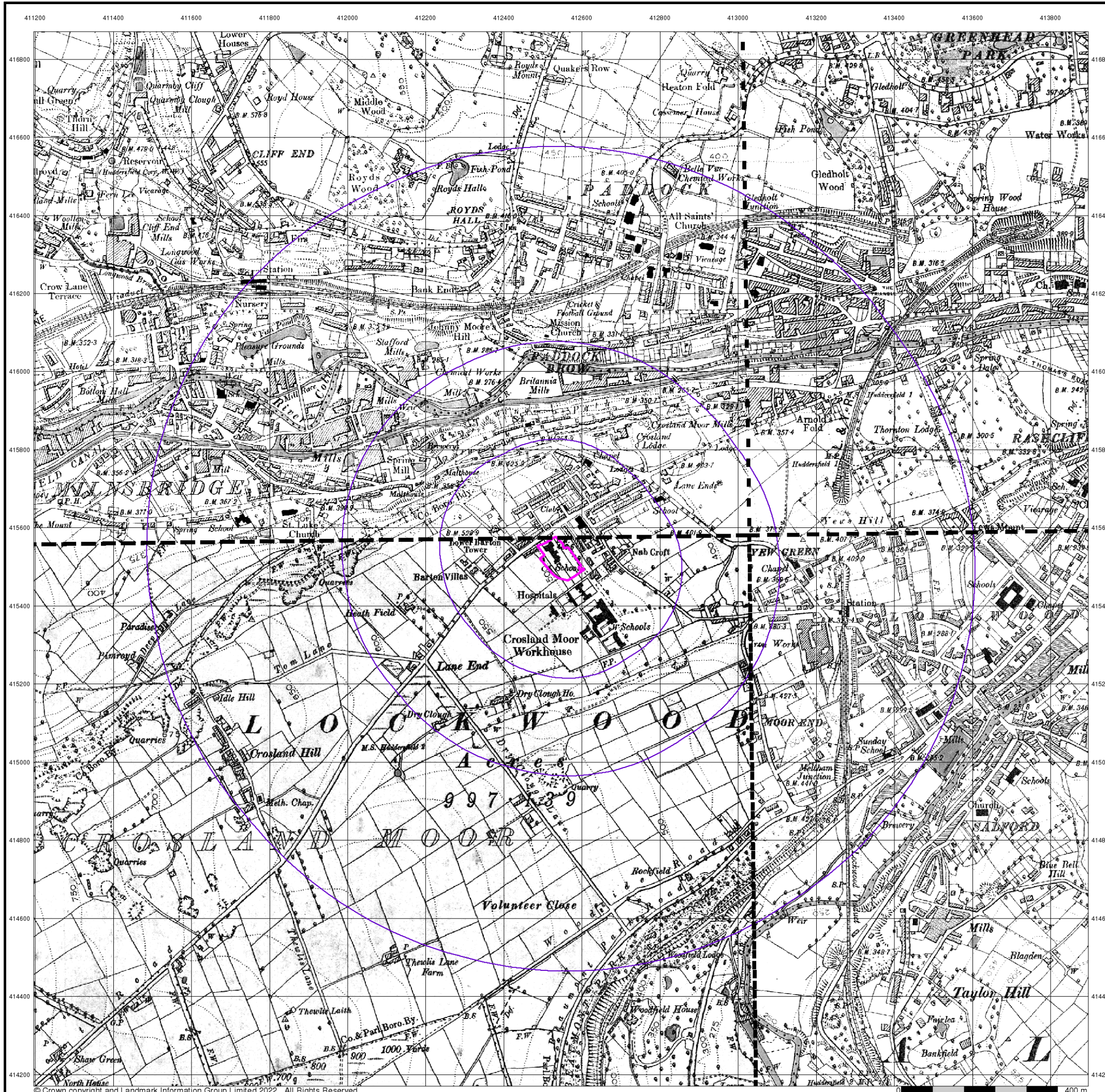
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

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**Yorkshire**  
**Published 1908**

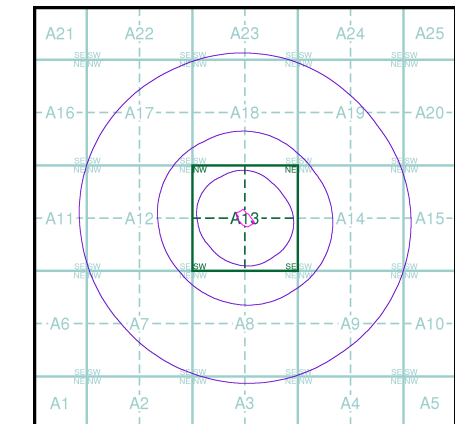
**Source map scale - 1:10,560**

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)**

246SW 1908 1:10,560	246SE 1908 1:10,560
260NW 1908 1:10,560	260NE 1908 1:10,560

**Historical Map - Slice A**



**Order Details**

Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

**Site Details**

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Yorkshire

Published 1930

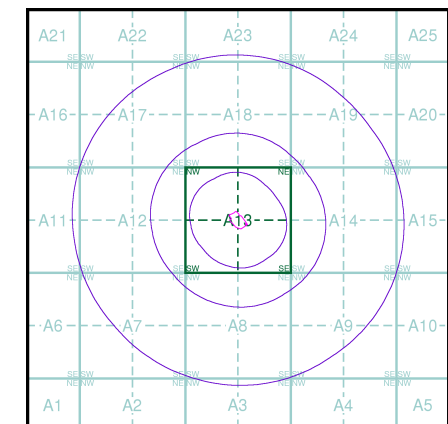
Source map scale - 1:10,560

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)

246SW 1930 1:10,560	246SE 1930 1:10,560
260NW 1930 1:10,560	260NE 1930 1:10,560

Historical Map - Slice A



Order Details

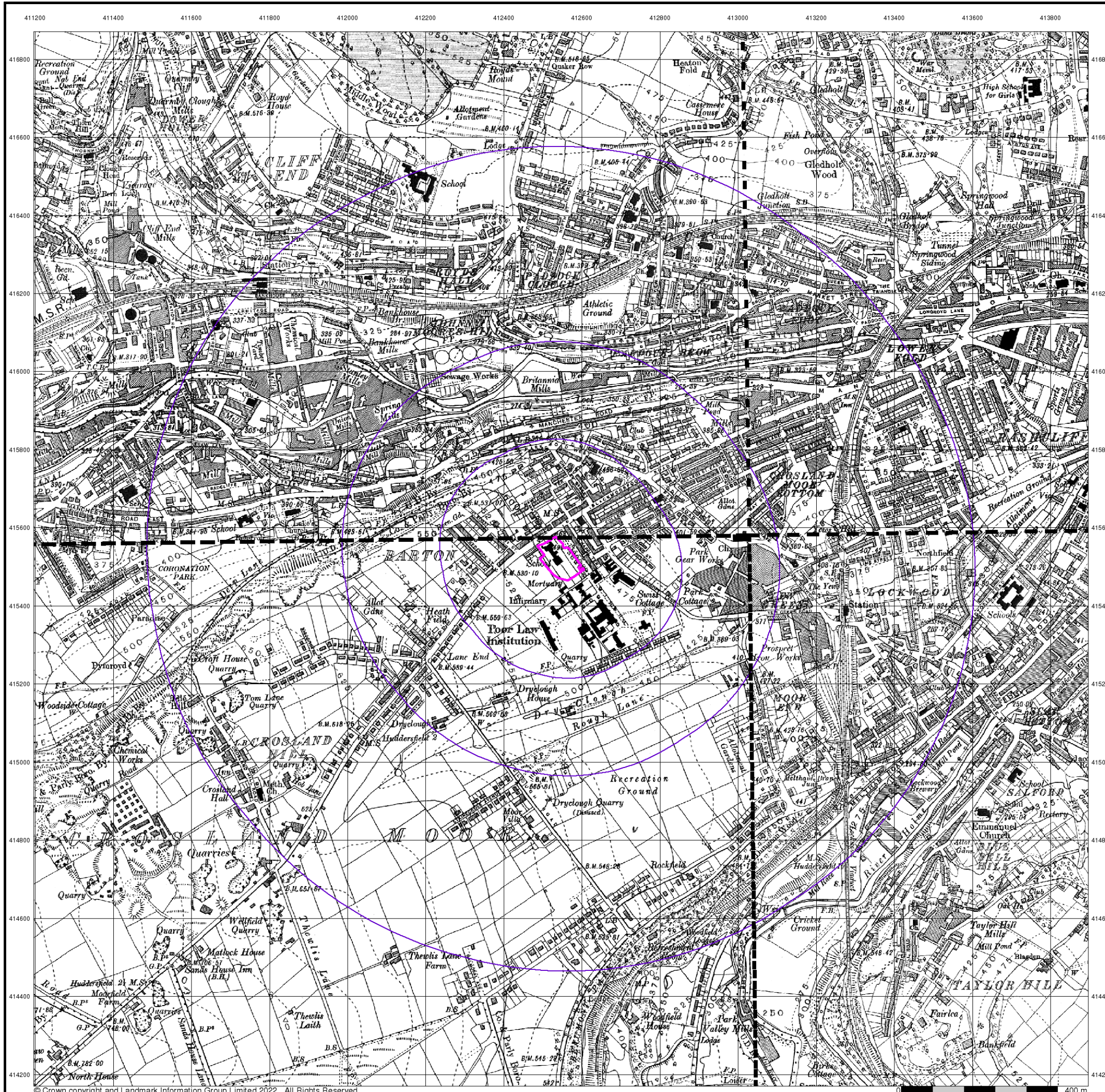
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

Site Details

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# Yorkshire Published 1938

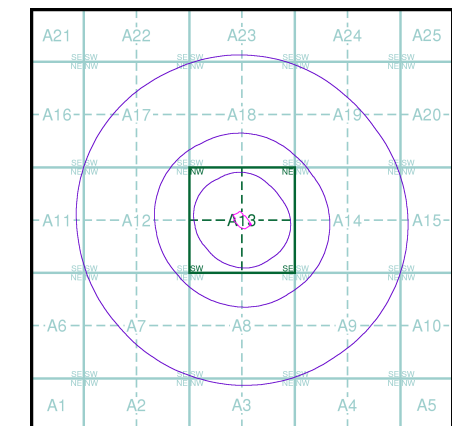
## Source map scale - 1:10,560

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

246SW 1938 1:10,560	246SE 1938 1:10,560
260NW 1938 1:10,560	260NE 1938 1:10,560

### Historical Map - Slice A



### Order Details

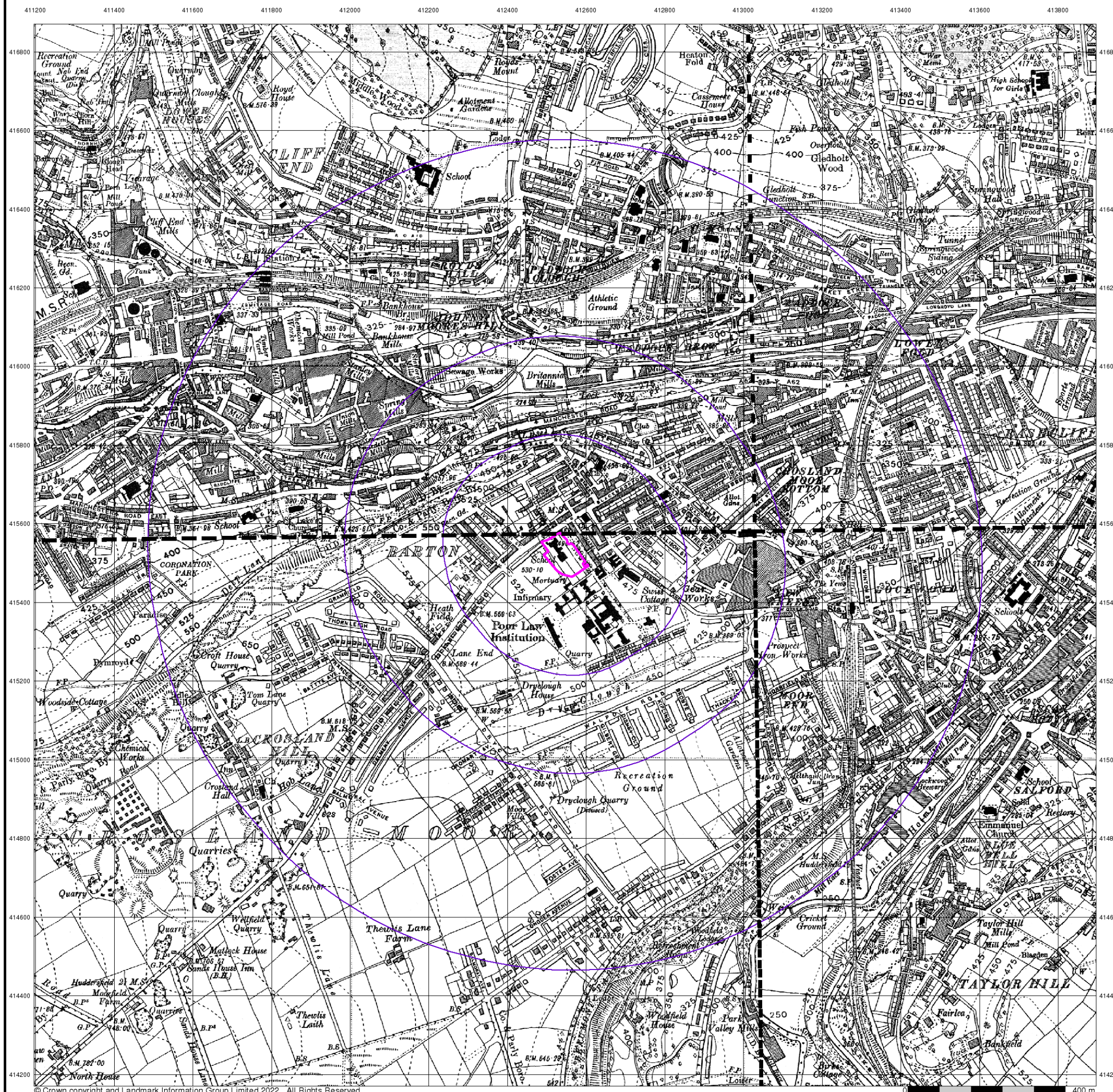
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

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# Yorkshire Published 1948

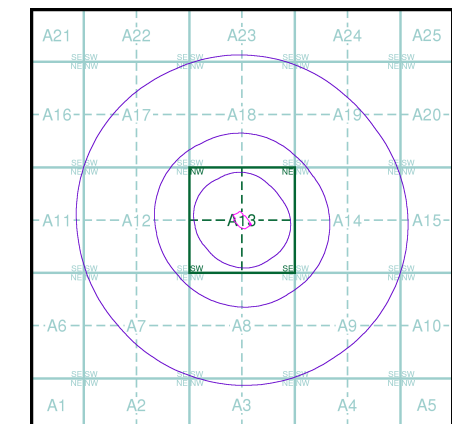
## Source map scale - 1:10,560

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)

246SW 1948 1:10,560	246SE 1948 1:10,560
260NW 1948 1:10,560	260NE 1948 1:10,560

### Historical Map - Slice A



### Order Details

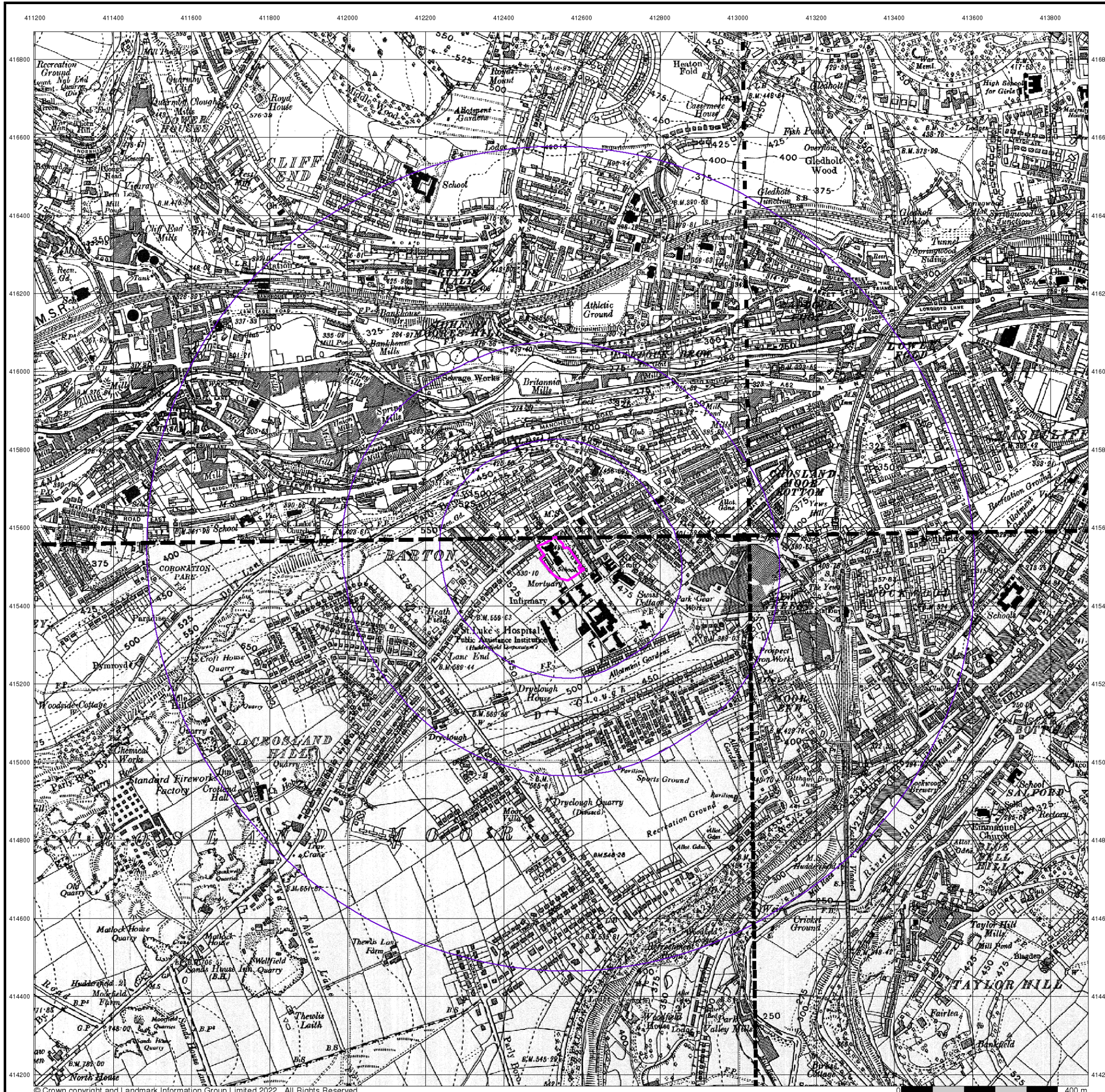
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

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## Ordnance Survey Plan

Published 1956

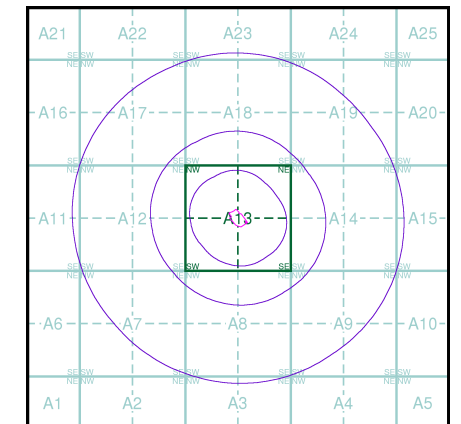
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

SE11NW	1956
1:10,560	
SE11SW	1956
1:10,560	

### Historical Map - Slice A



### Order Details

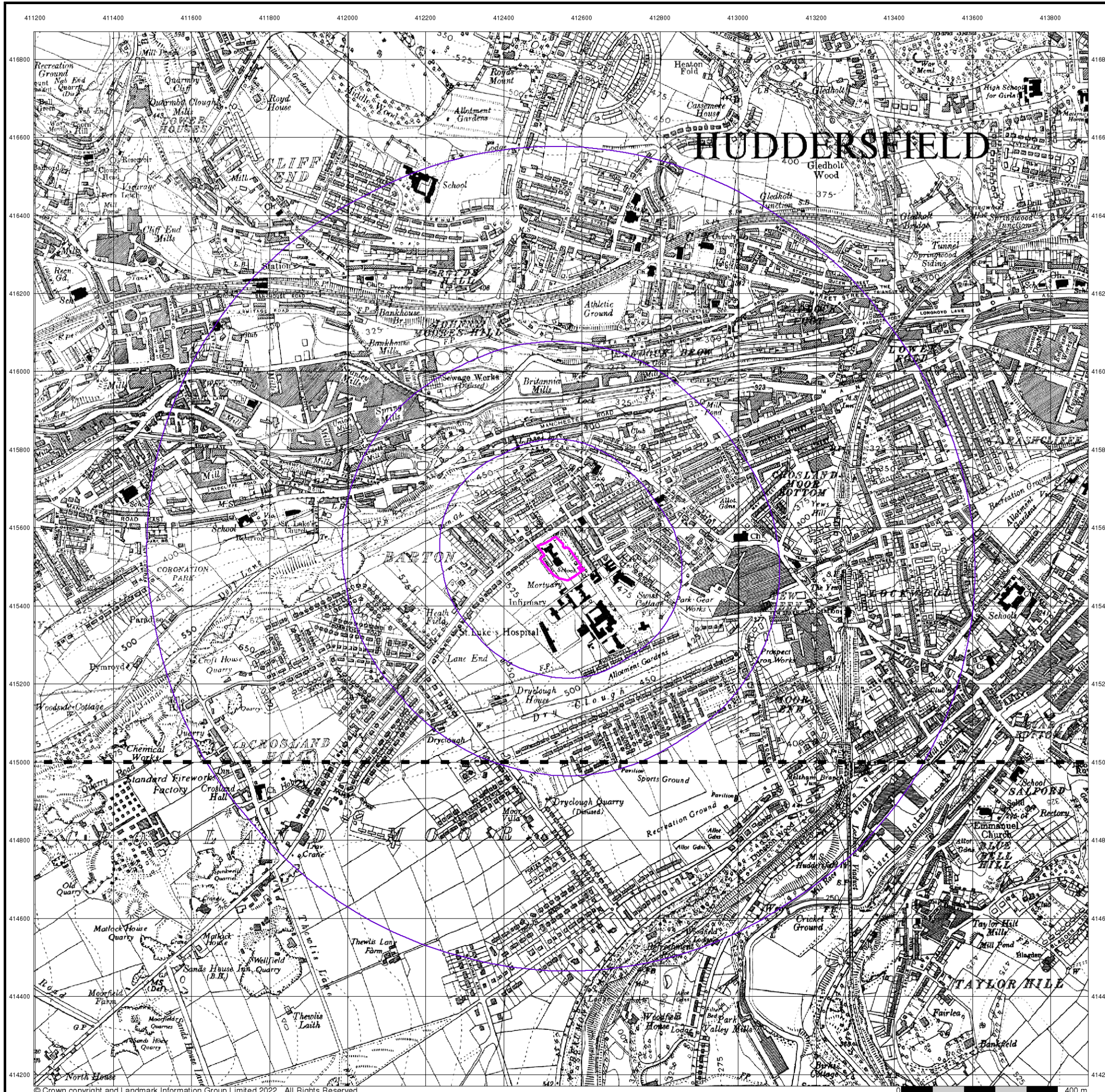
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

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### Ordnance Survey Plan

Published 1966 - 1969

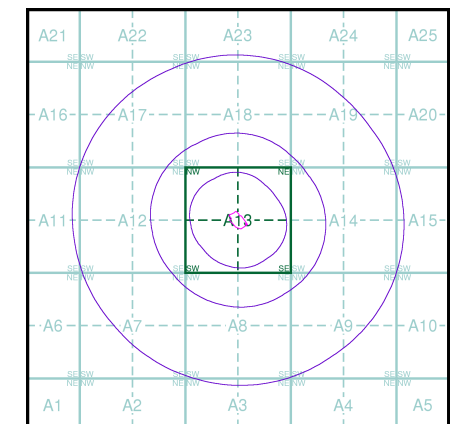
Source map scale - 1:10,000

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)

SE11NW	1966
1:10,560	
SE11SW	1969
1:10,560	

### Historical Map - Slice A



### Order Details

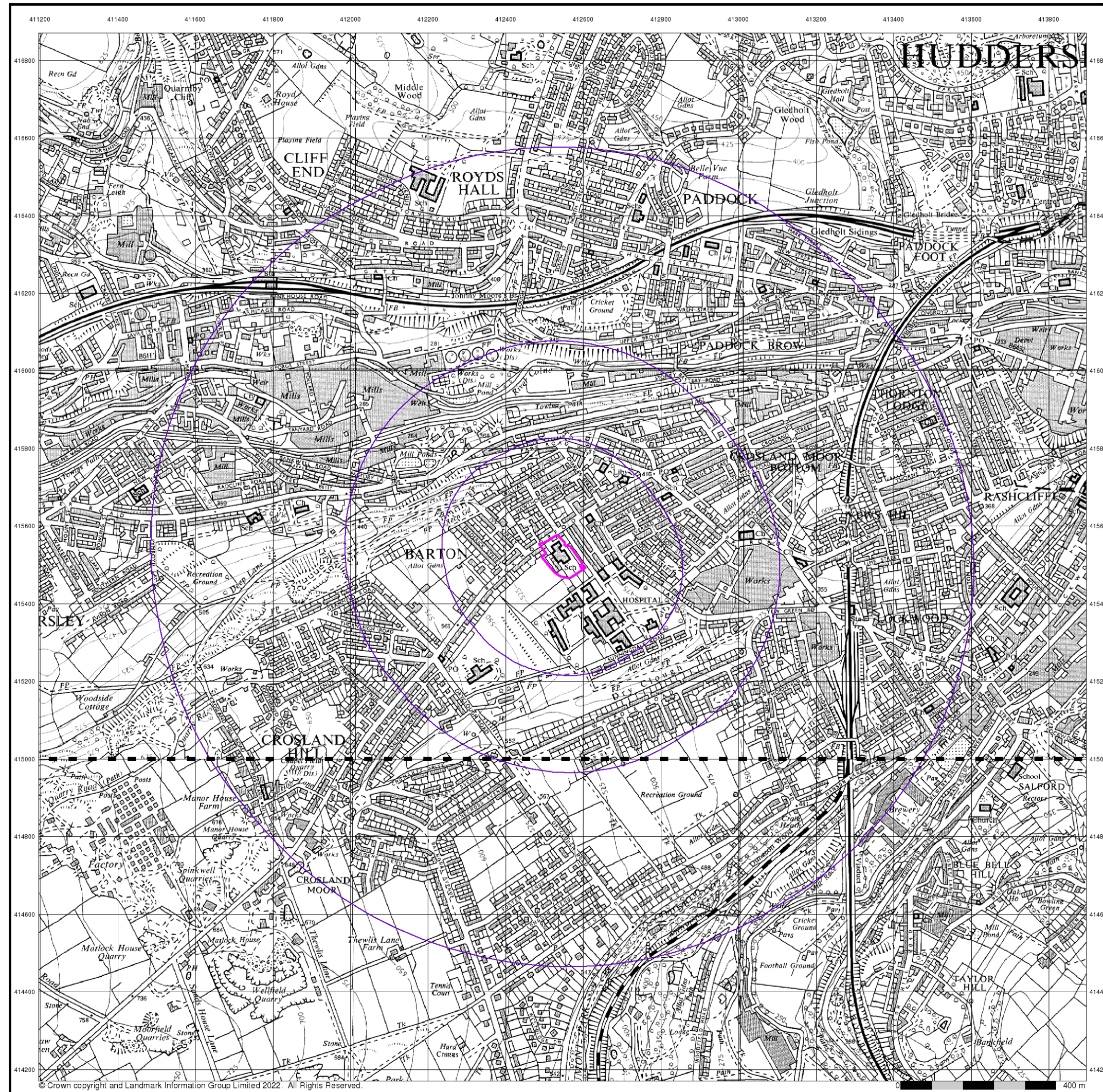
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

### Site Details

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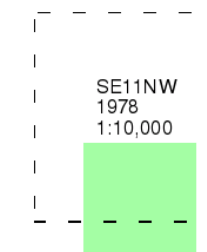
## Ordnance Survey Plan

Published 1978

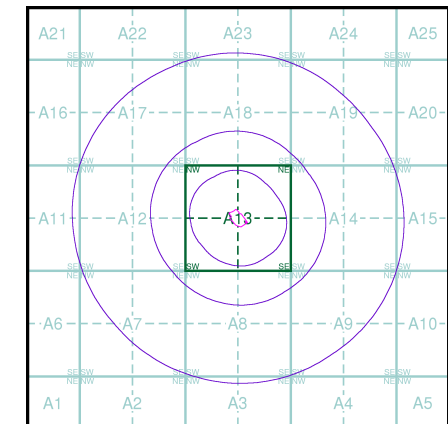
Source map scale - 1:10,000

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

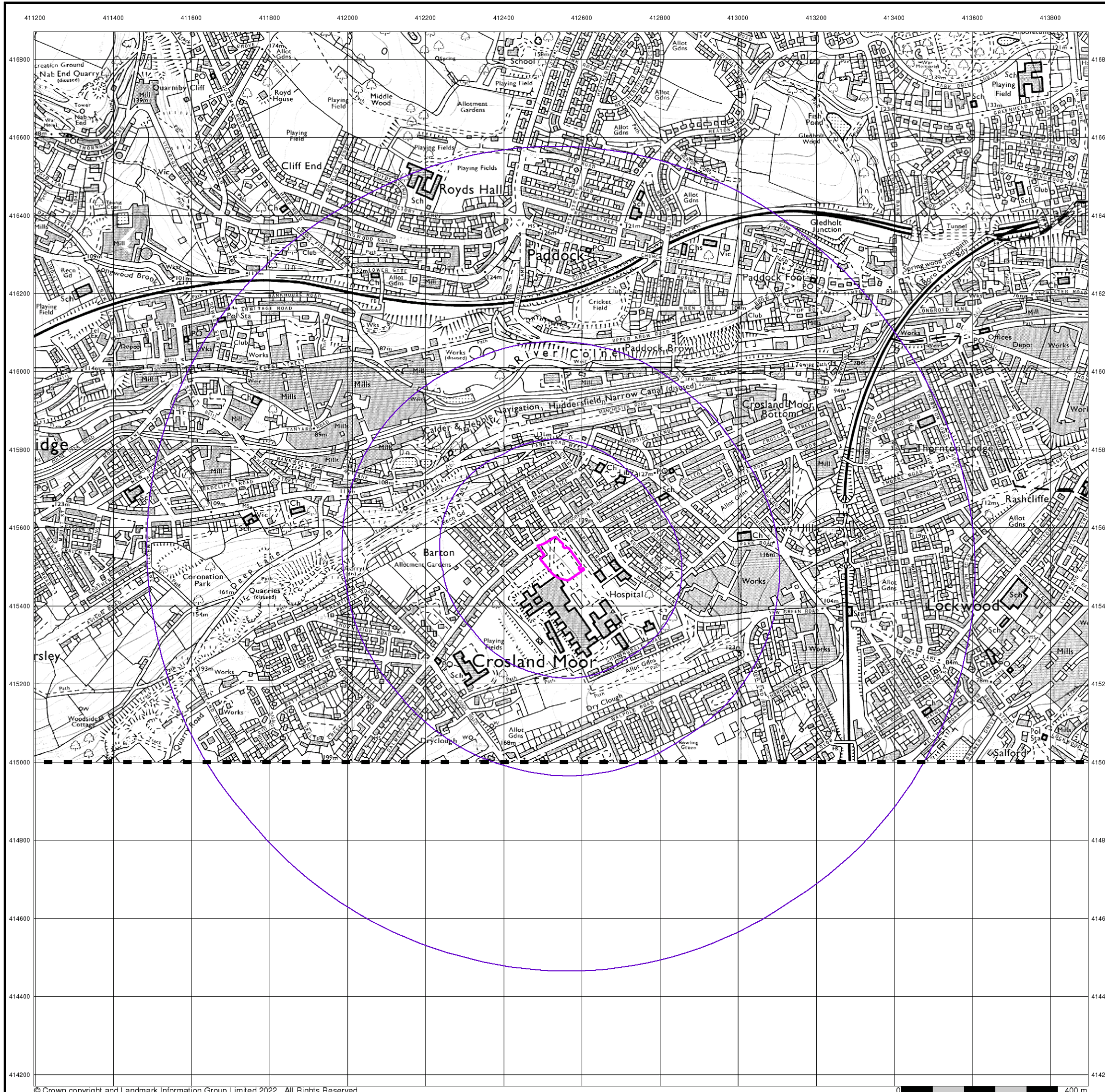
Order Number: 299834780\_1\_1  
Customer Ref: C9083B  
National Grid Reference: 412540, 415520  
Slice: A  
Site Area (Ha): 0.73  
Search Buffer (m): 1000

### Site Details

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### Ordnance Survey Plan

Published 1984 - 1987

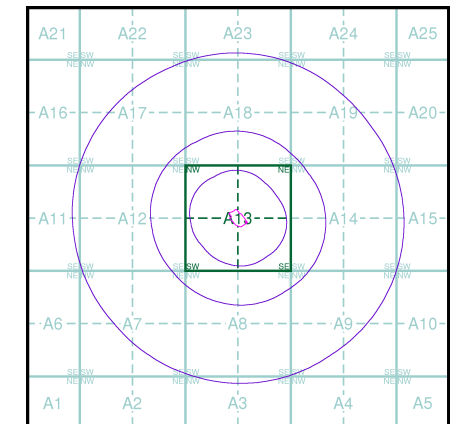
Source map scale - 1:10,000

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)

SE11NW	1987
1:10,000	
SE11SW	1984
1:10,000	

### Historical Map - Slice A



### Order Details

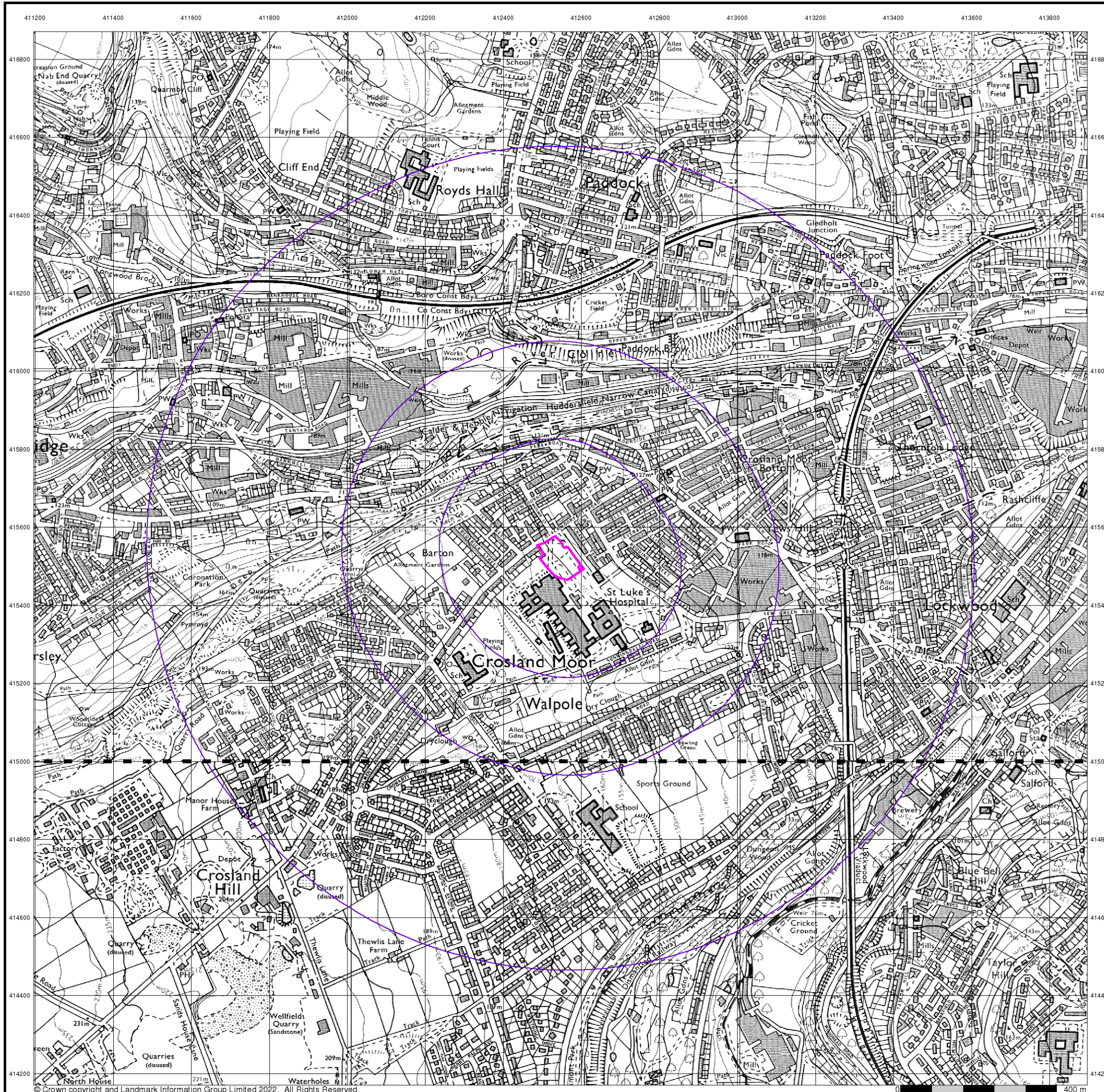
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

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### 10k Raster Mapping

Published 2000

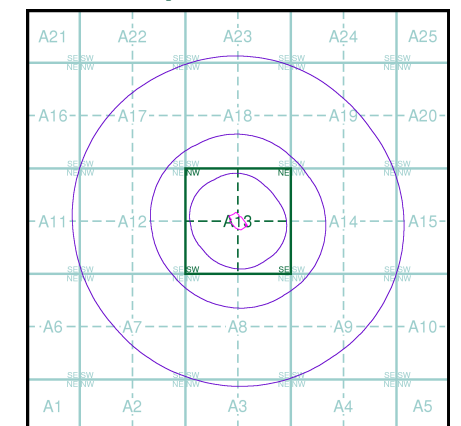
Source map scale - 1:10,000

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)

SE11NW	2000
1:10,000	
SE11SW	2000
1:10,000	

### Historical Map - Slice A



### Order Details

Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

### Site Details

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### Street View

Published 2022

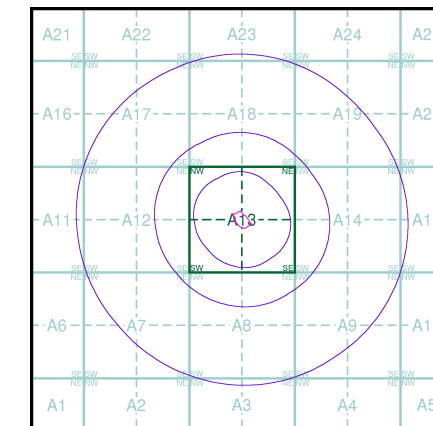
Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

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



### Street View Map - Slice A



### Order Details

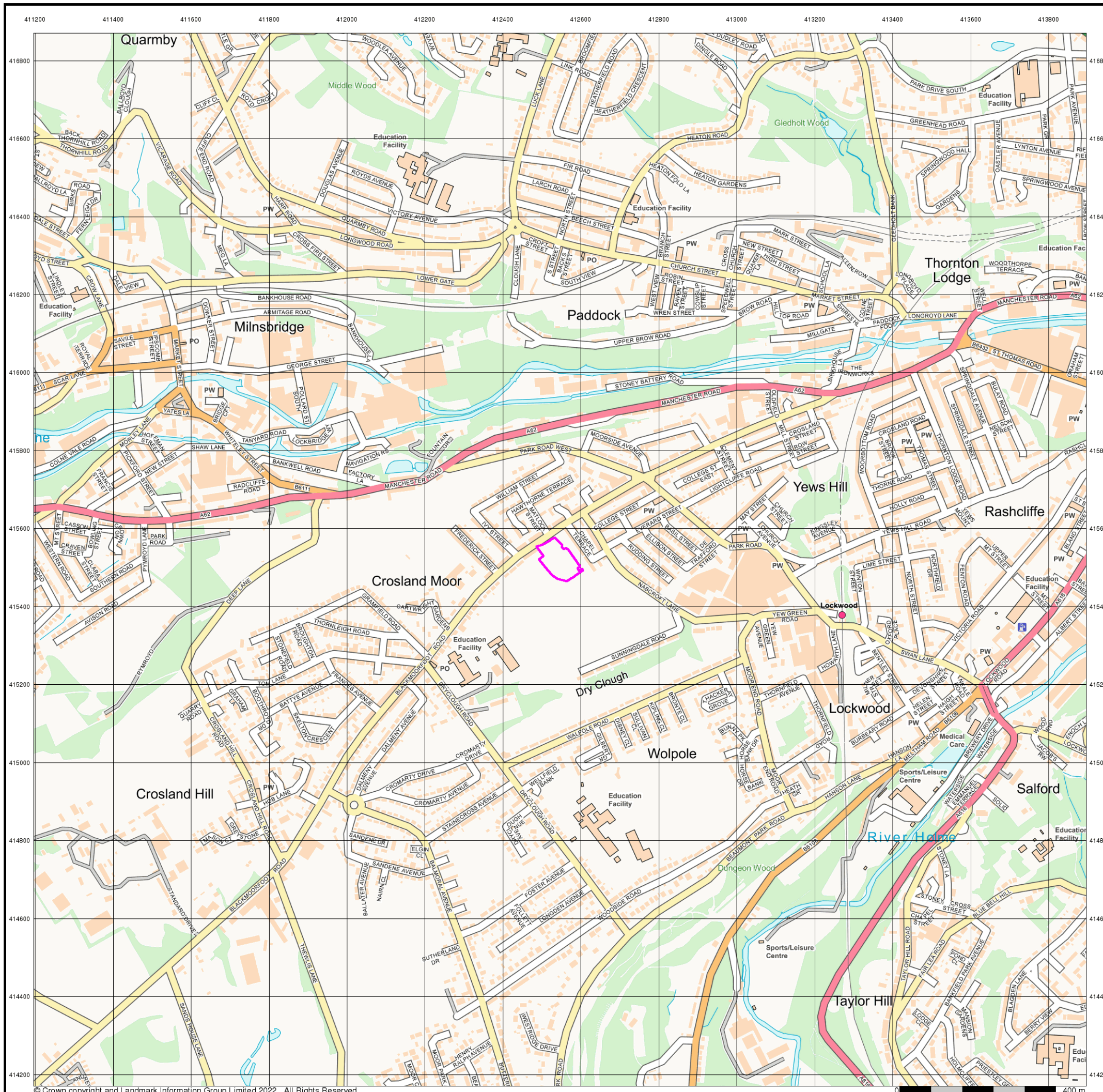
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

### 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

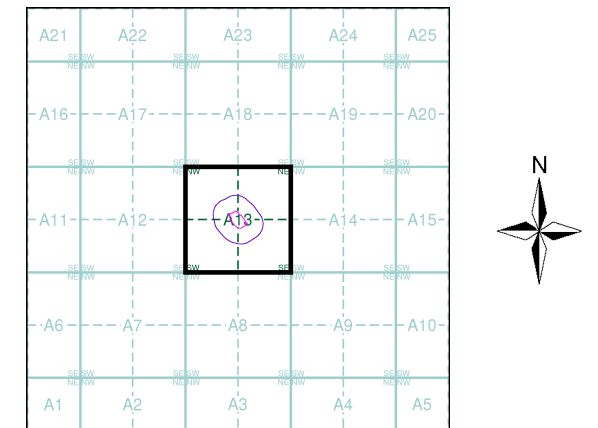
**Cliff** **Slopes** **Top**  
**Rock** **Rock (scattered)**  
**Boulders** **Boulders (scattered)**  
**Positioned Boulder** **Scree**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree** **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	1892 - 1893	2
Yorkshire	1:2,500	1906 - 1907	3
Yorkshire	1:2,500	1916 - 1918	4
Yorkshire	1:2,500	1938	5
Ordnance Survey Plan	1:1,250	1960	6
Additional SIMs	1:1,250	1960 - 1990	7
Ordnance Survey Plan	1:2,500	1961	8
Ordnance Survey Plan	1:1,250	1967	9
Additional SIMs	1:1,250	1982 - 1989	10
Additional SIMs	1:1,250	1989	11
Large-Scale National Grid Data	1:1,250	1993	12
Large-Scale National Grid Data	1:1,250	1993 - 1995	13
Large-Scale National Grid Data	1:1,250	1995	14

## Historical Map - Segment A13



## Order Details

Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 100

## Site Details

Land off Blackmoorfoot Road, HUDDERSFIELD, HD4 5RE



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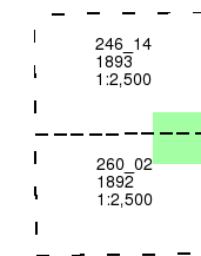
Yorkshire

Published 1892 - 1893

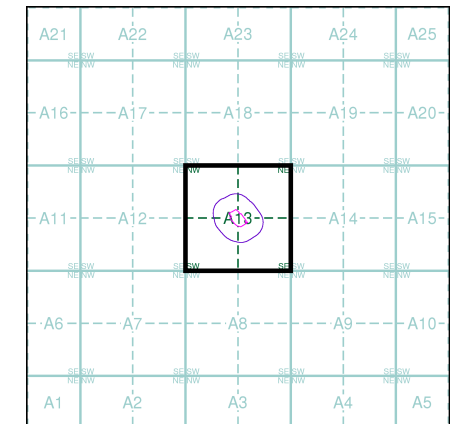
Source map scale - 1:2,500

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

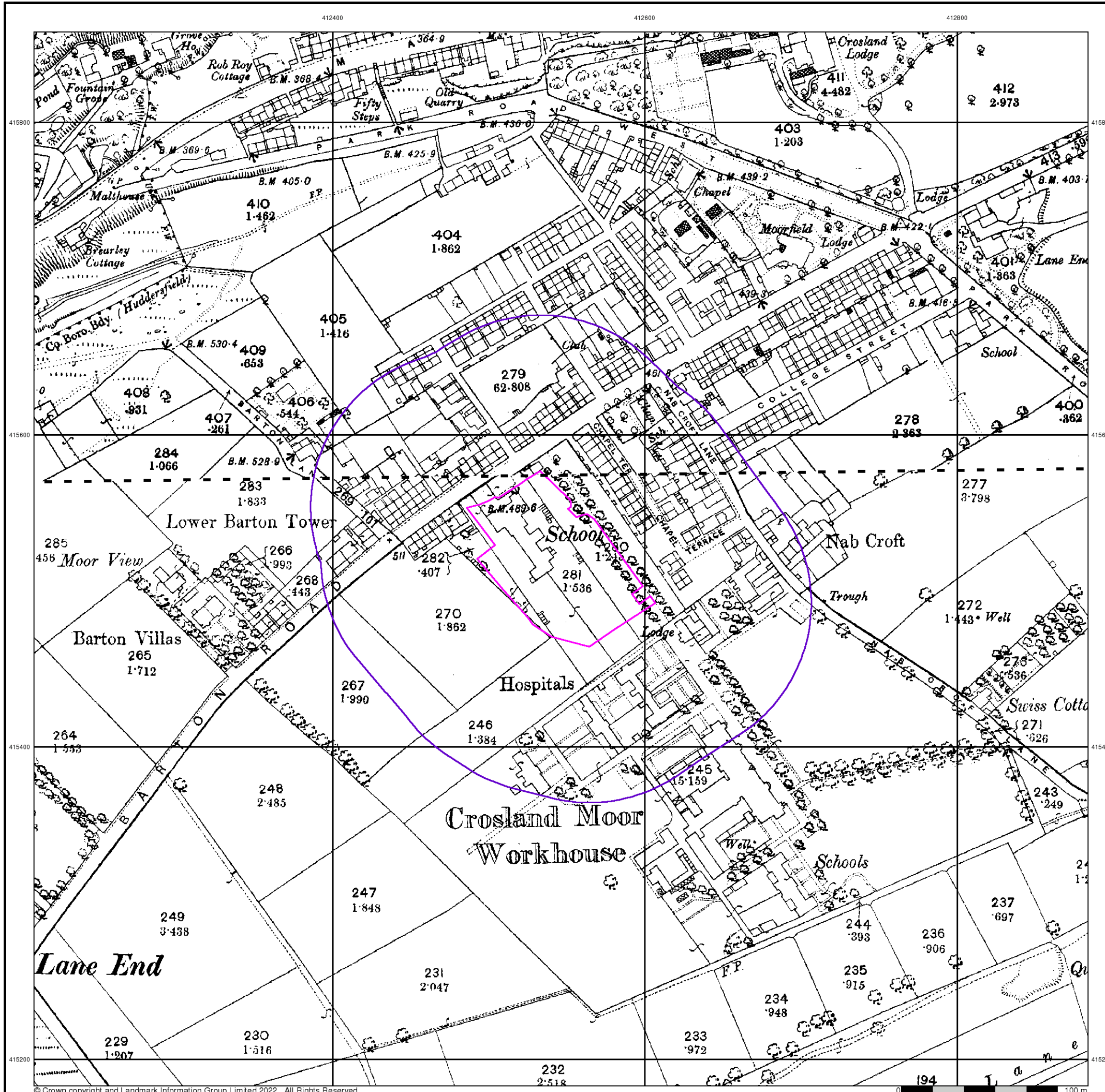
Order Number: 299834780\_1\_1
Customer Ref: C9083B
National Grid Reference: 412540, 415520
Slice: A
Site Area (Ha): 0.73
Search Buffer (m): 100

Site Details

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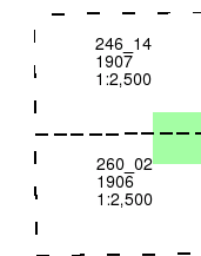
Yorkshire

Published 1906 - 1907

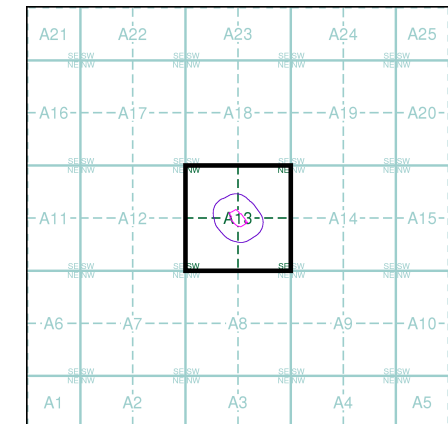
Source map scale - 1:2,500

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

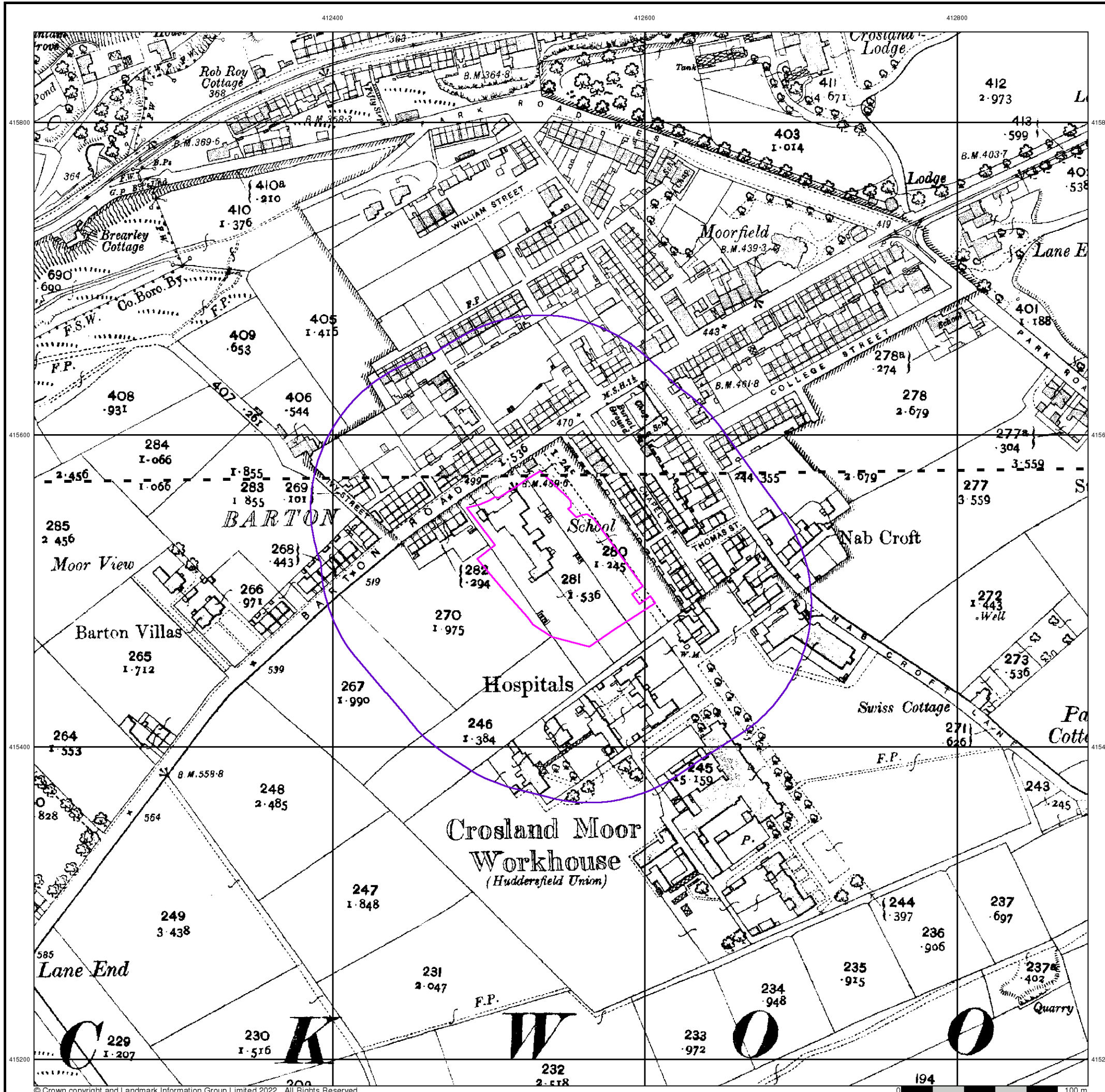
Order Number: 299834780\_1\_1
Customer Ref: C9083B
National Grid Reference: 412540, 415520
Slice: A
Site Area (Ha): 0.73
Search Buffer (m): 100

Site Details

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Yorkshire

Published 1916 - 1918

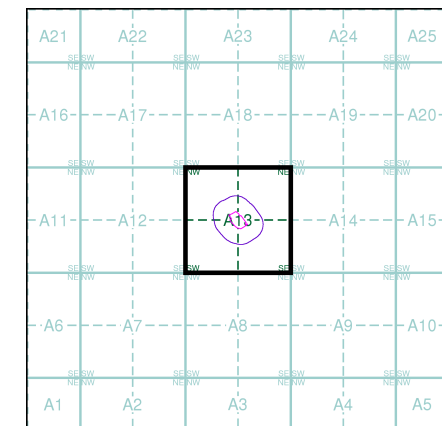
Source map scale - 1:2,500

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)

246_14	1918	1:2,500
260_02	1916	1:2,500

Historical Map - Segment A13



Order Details

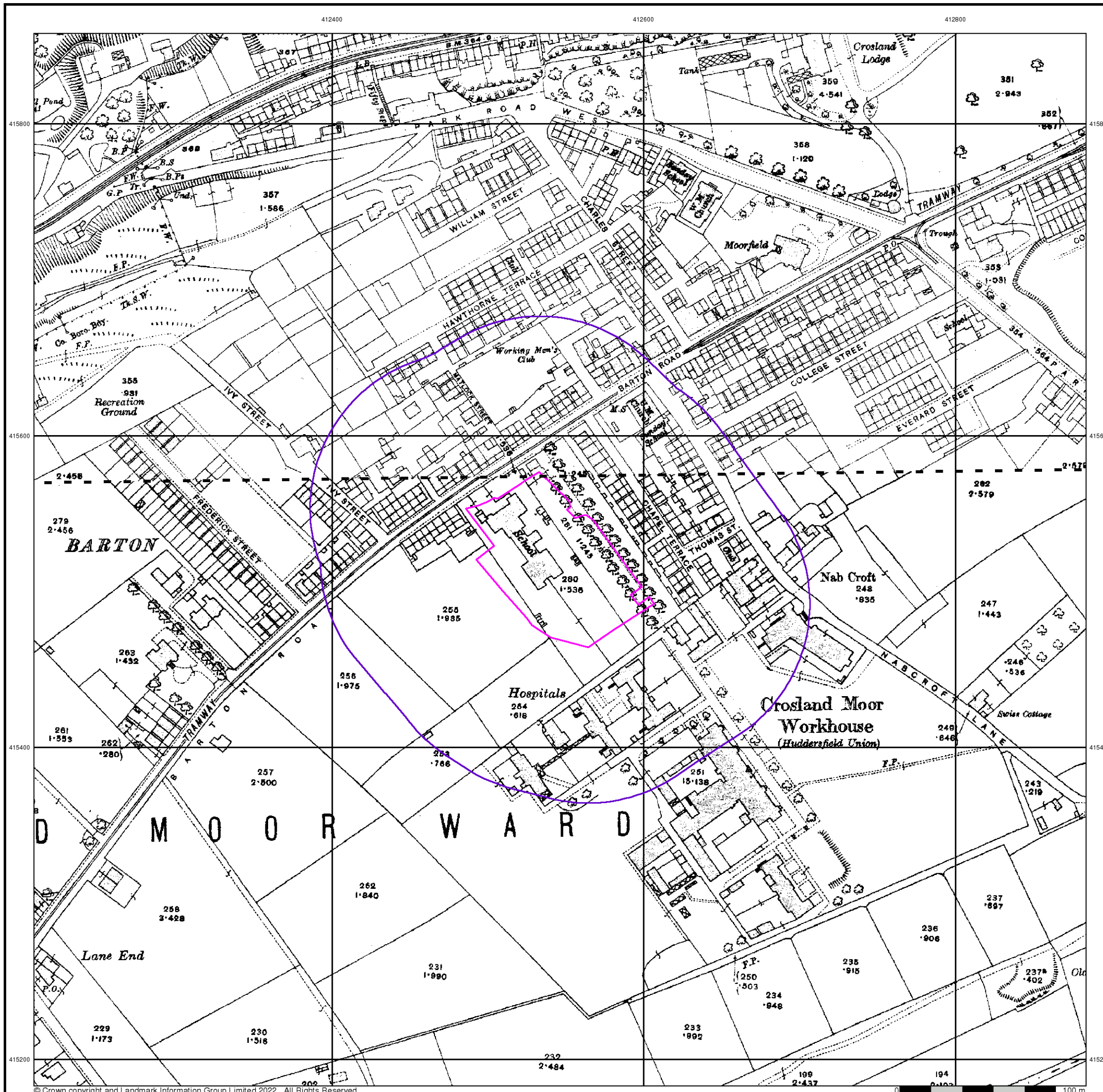
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 100

Site Details

Land off Blackmoorfoot Road, HUDDERSFIELD, HD4 5RE



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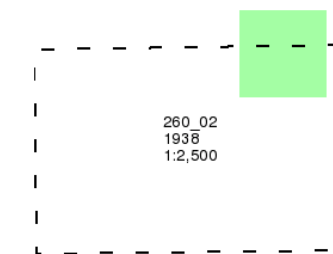
Yorkshire

Published 1938

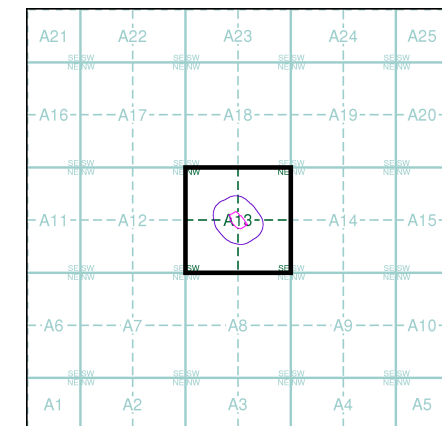
Source map scale - 1:2,500

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

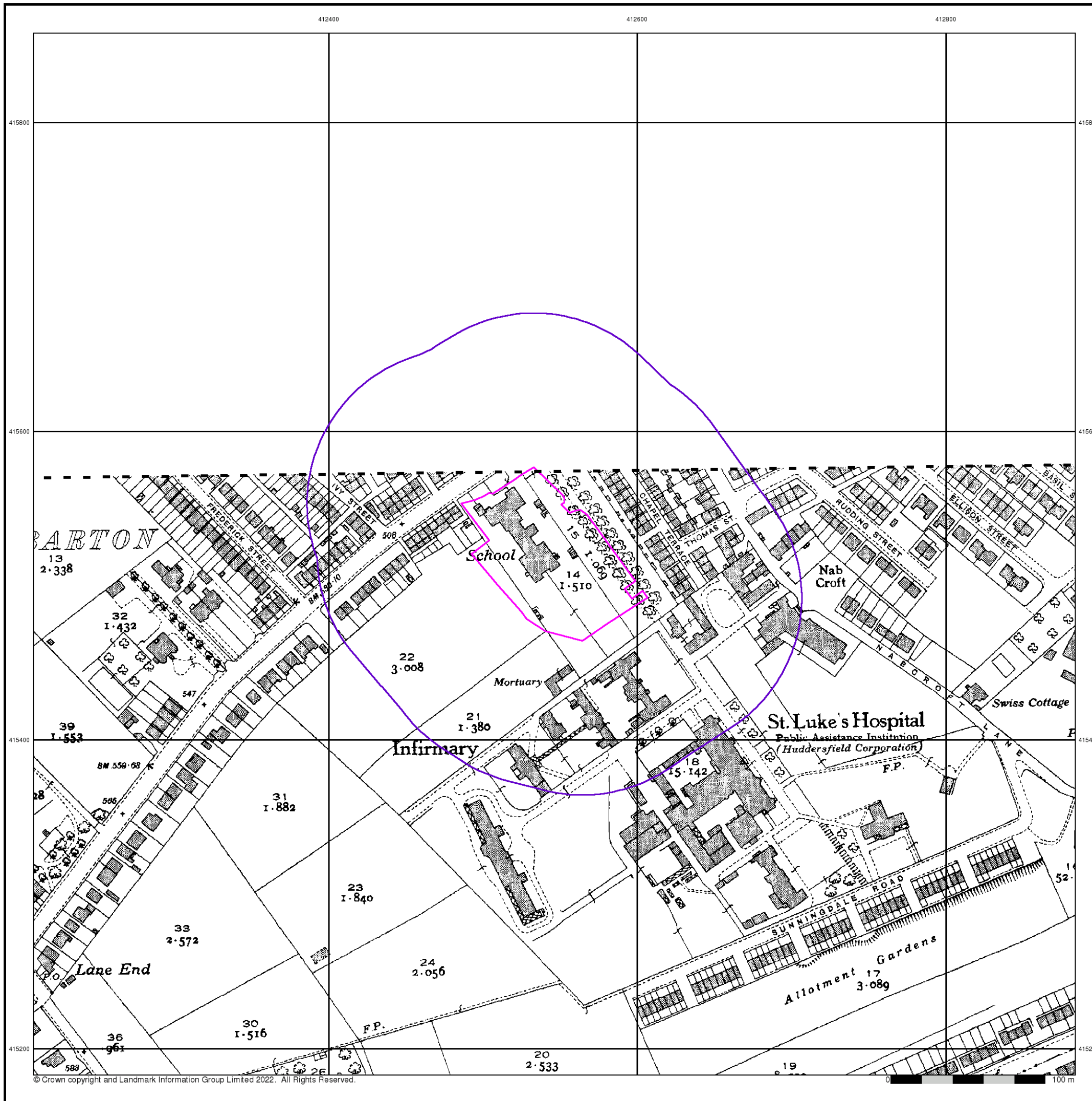
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Customer Ref: C9083B  
National Grid Reference: 412540, 415520  
Slice: A  
Site Area (Ha): 0.73  
Search Buffer (m): 100

Site Details

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## Ordnance Survey Plan

Published 1960

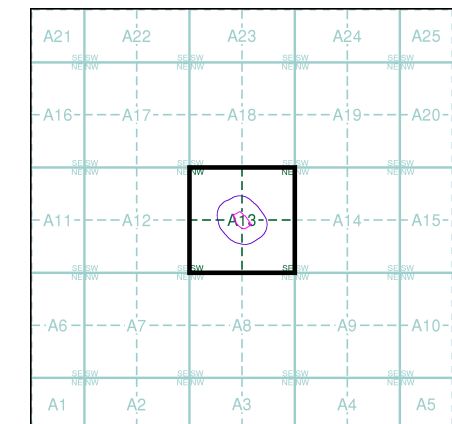
Source map scale - 1:1,250

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)

SE1215NW	SE1215NE
1960	1960
1:1,250	1:1,250
SE1215SW	SE1215SE
1960	1960
1:1,250	1:1,250

### Historical Map - Segment A13



### Order Details

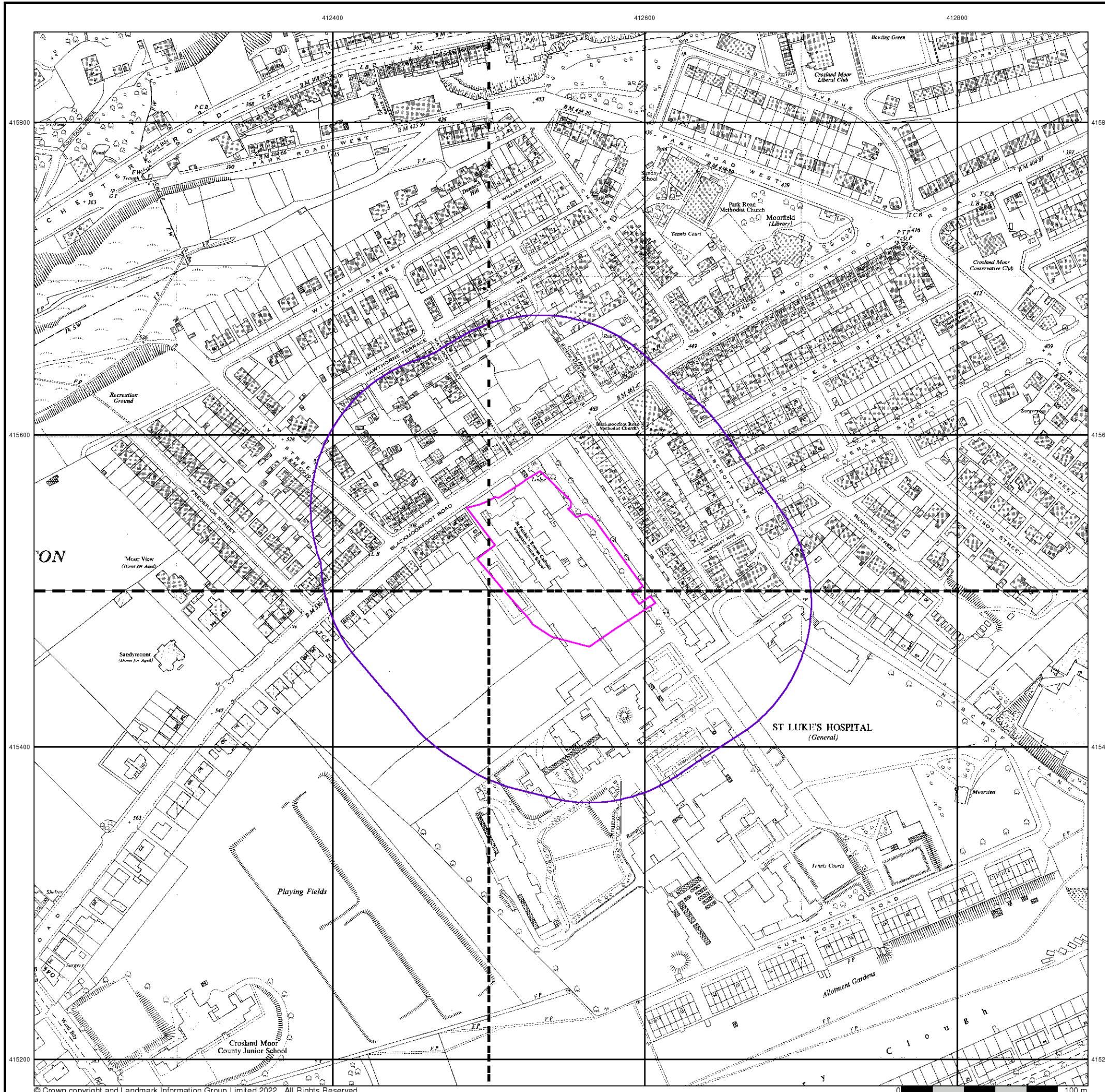
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 100

### Site Details

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### Additional SIMs

Published 1960 - 1990

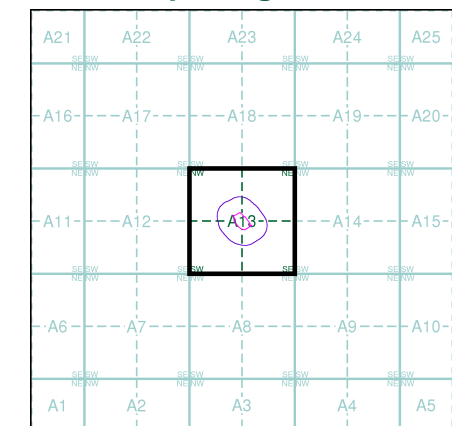
Source map scale - 1:1,250

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

SE1215NW 1960 1:1,250	SE1215NE 1978 1:1,250
SE1215SW 1990 1:1,250	SE1215SE 1989 1:1,250

### Historical Map - Segment A13



### Order Details

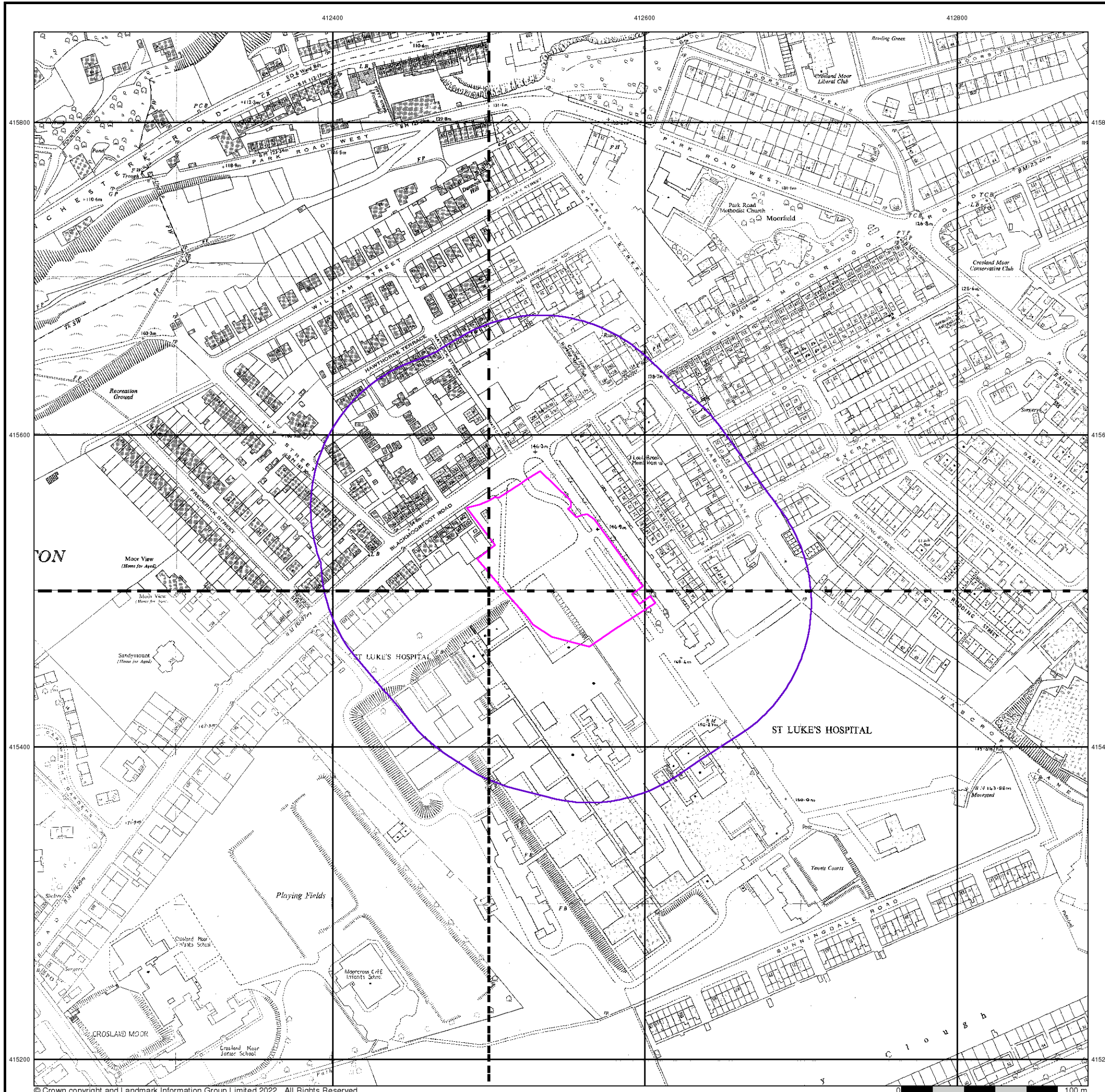
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 100

### Site Details

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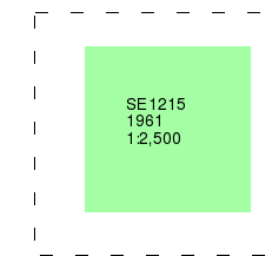
### Ordnance Survey Plan

Published 1961

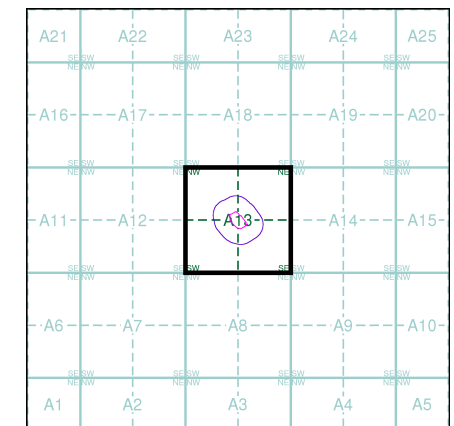
Source map scale - 1:2,500

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

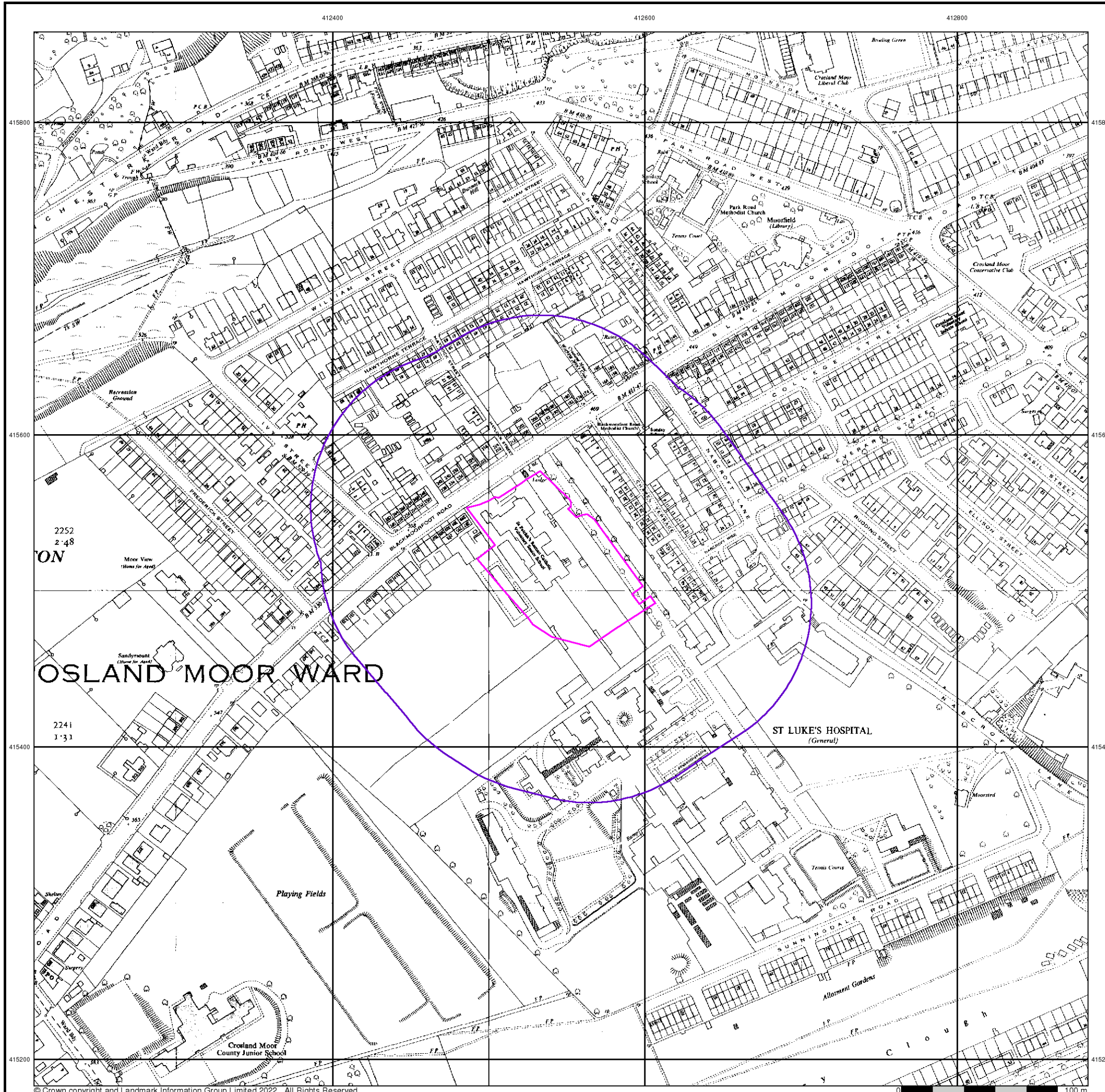
Order Number: 299834780\_1\_1  
Customer Ref: C9083B  
National Grid Reference: 412540, 415520  
Slice: A  
Site Area (Ha): 0.73  
Search Buffer (m): 100

### Site Details

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### Ordnance Survey Plan

Published 1967

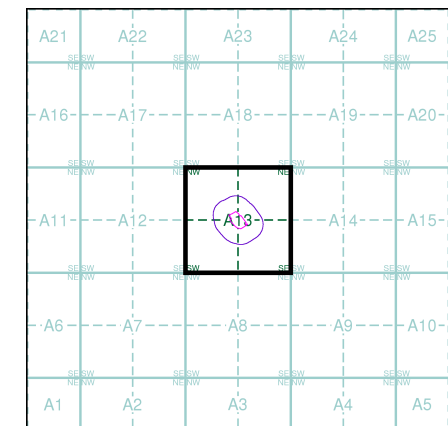
Source map scale - 1:1,250

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)

SE1215SW 1967 1:1,250	SE1215SE 1967 1:1,250

### Historical Map - Segment A13



### Order Details

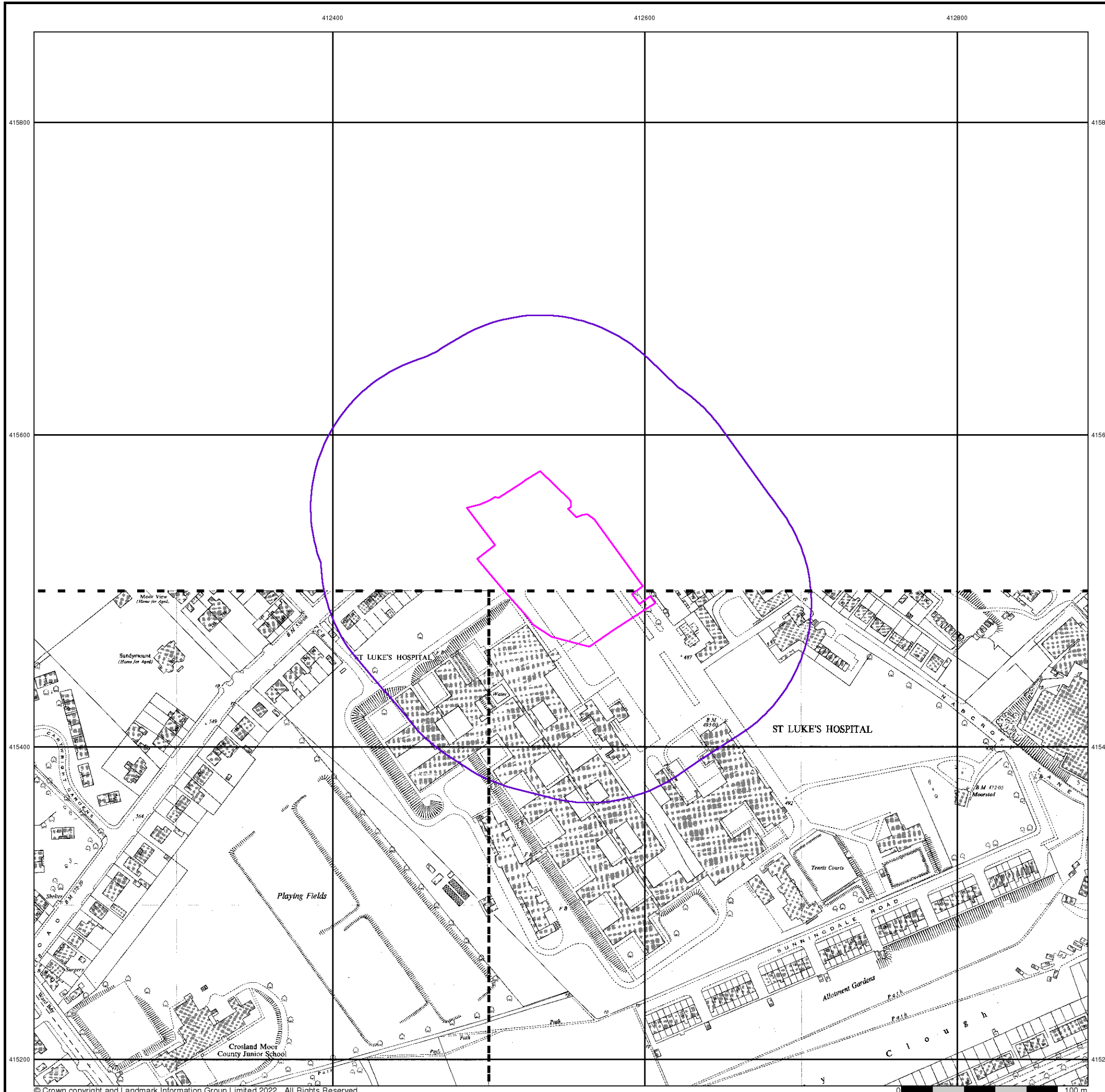
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 100

### Site Details

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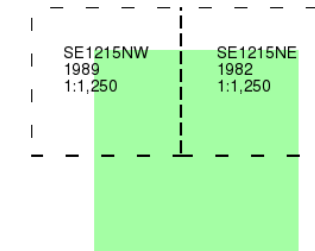
### Additional SIMs

Published 1982 - 1989

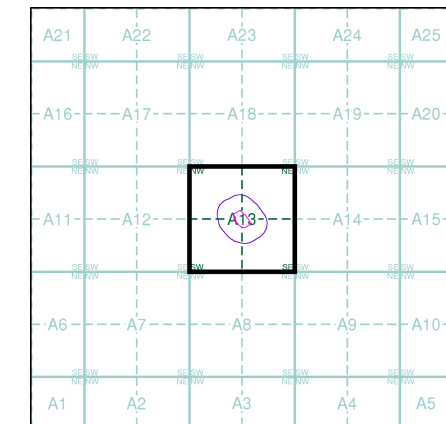
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

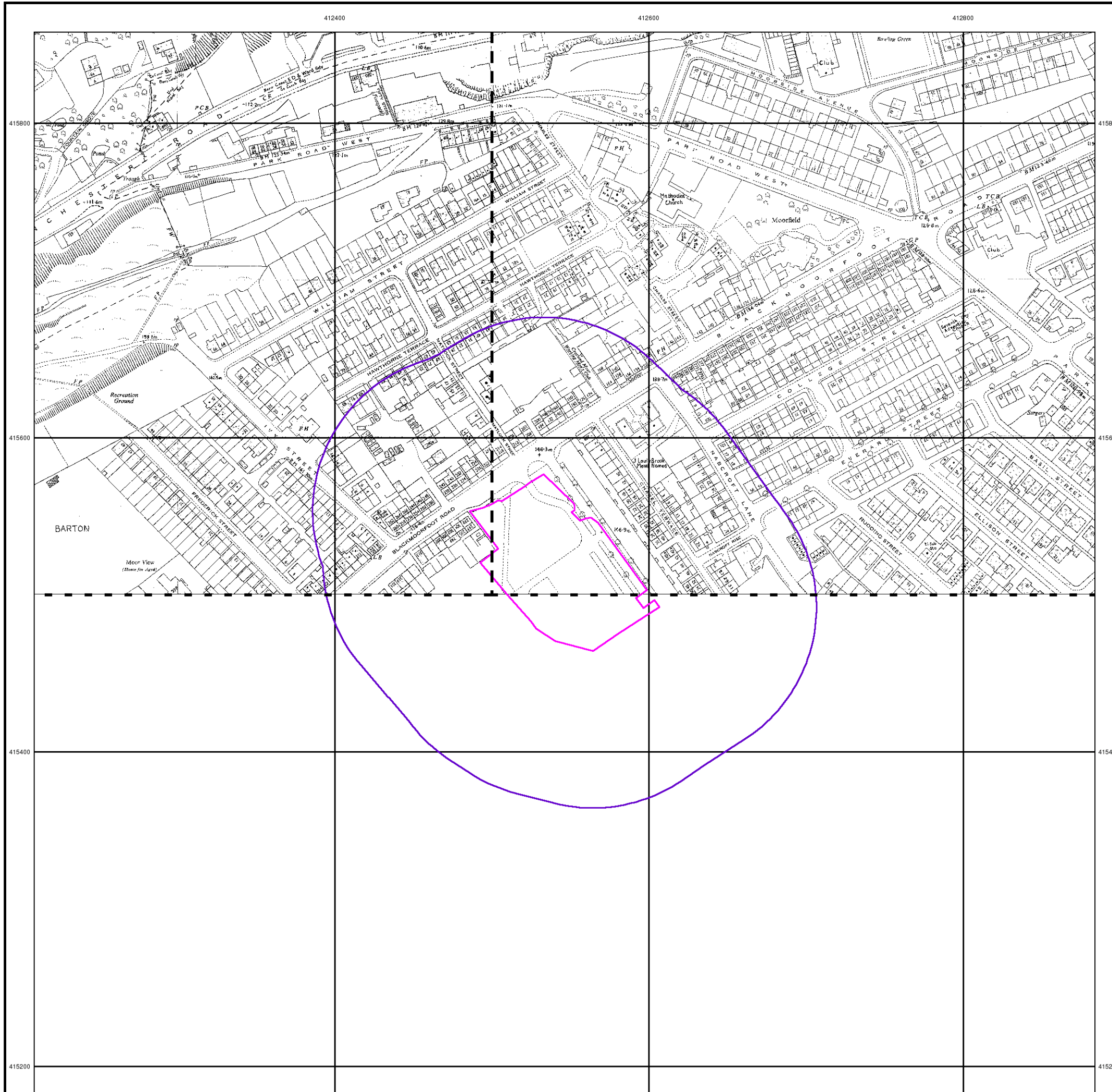
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 100

### Site Details

Land off Blackmoorfoot Road, HUDDERSFIELD, HD4 5RE



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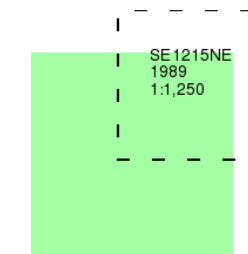
### Additional SIMs

Published 1989

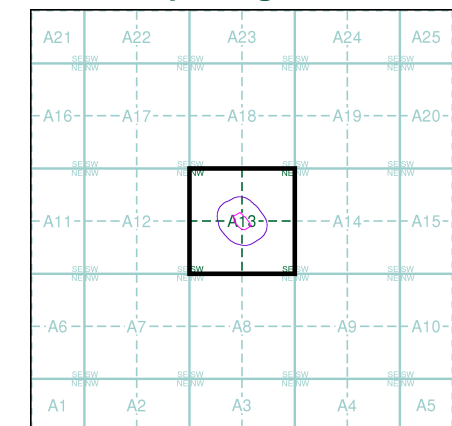
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

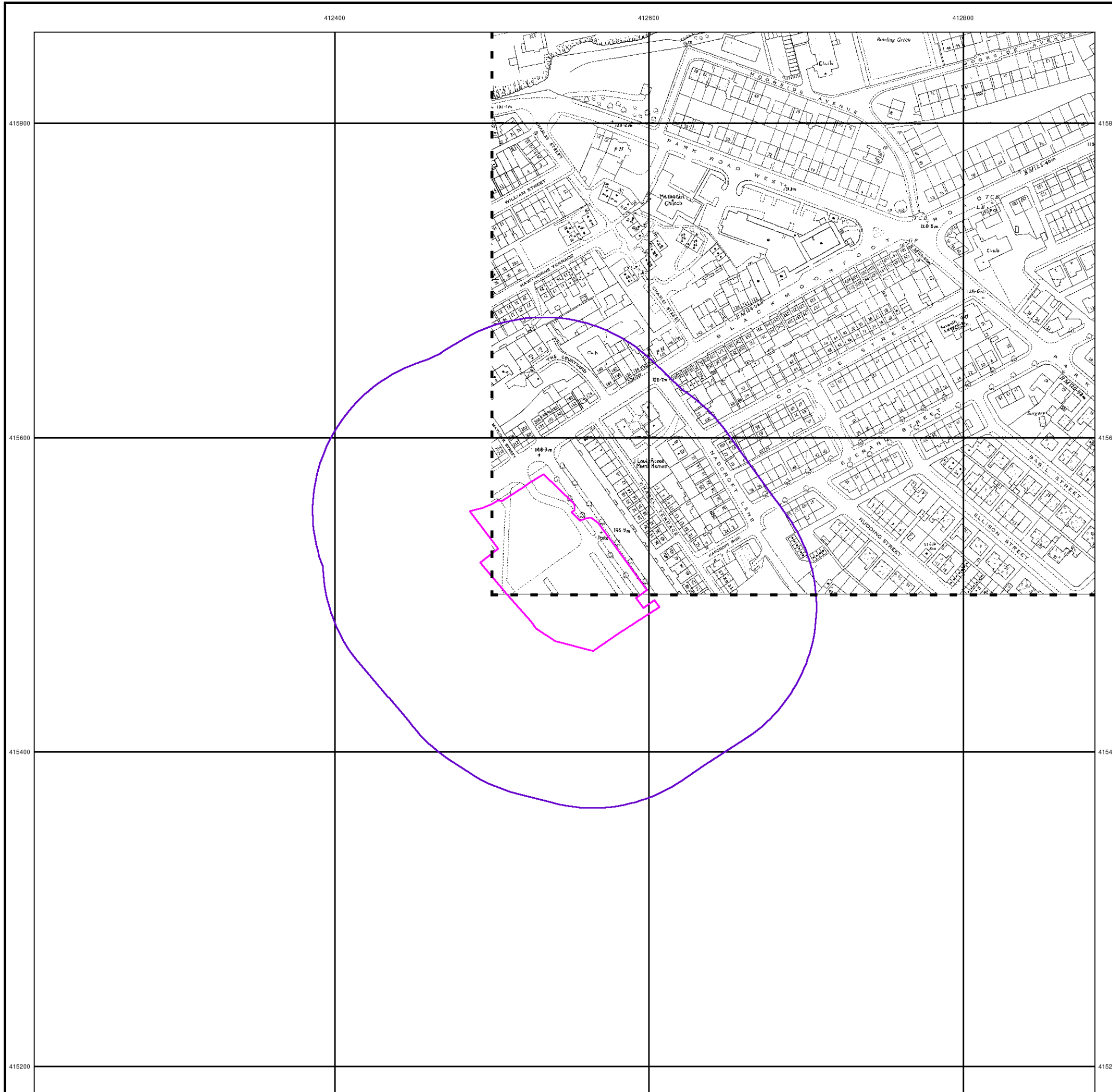
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Customer Ref: C9083B  
National Grid Reference: 412540, 415520  
Slice: A  
Site Area (Ha): 0.73  
Search Buffer (m): 100

### Site Details

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## Large-Scale National Grid Data

Published 1993

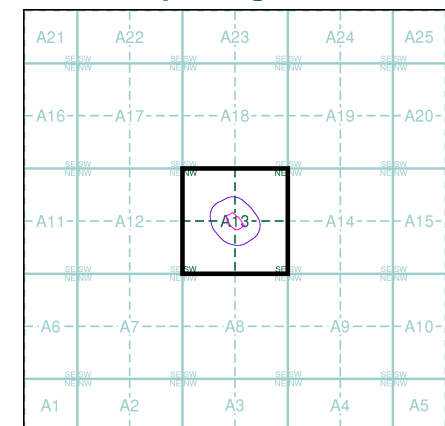
Source map scale - 1:1,250

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

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

SE 1215NW	SE 1215NE
1993	1993
1:1,250	1:1,250
SE 1215SW	SE 1215SE
1993	1993
1:1,250	1:1,250

### Historical Map - Segment A13



### Order Details

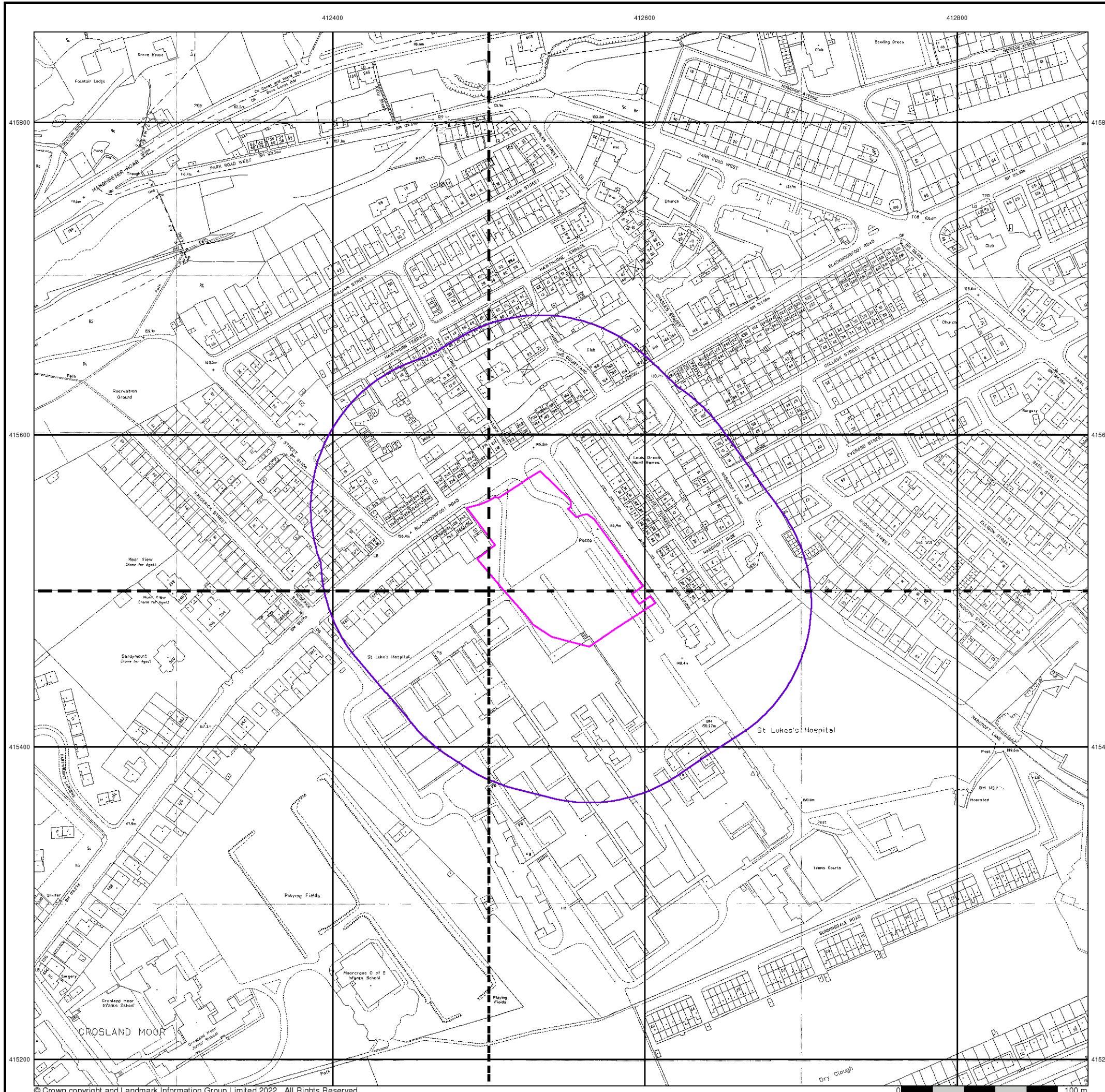
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 100

### Site Details

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## Large-Scale National Grid Data

Published 1993 - 1995

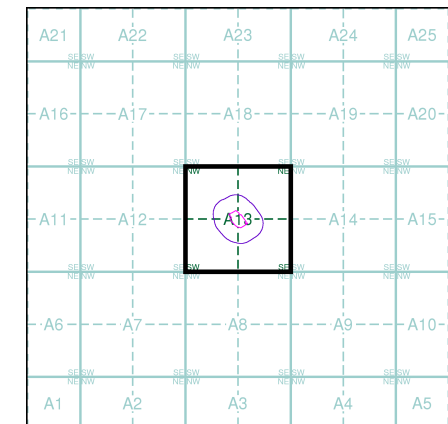
Source map scale - 1:1,250

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

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

SE 1215NW 1995 1:1,250	SE 1215NE 1995 1:1,250
SE 1215SW 1993 1:1,250	SE 1215SE 1993 1:1,250

### Historical Map - Segment A13



### Order Details

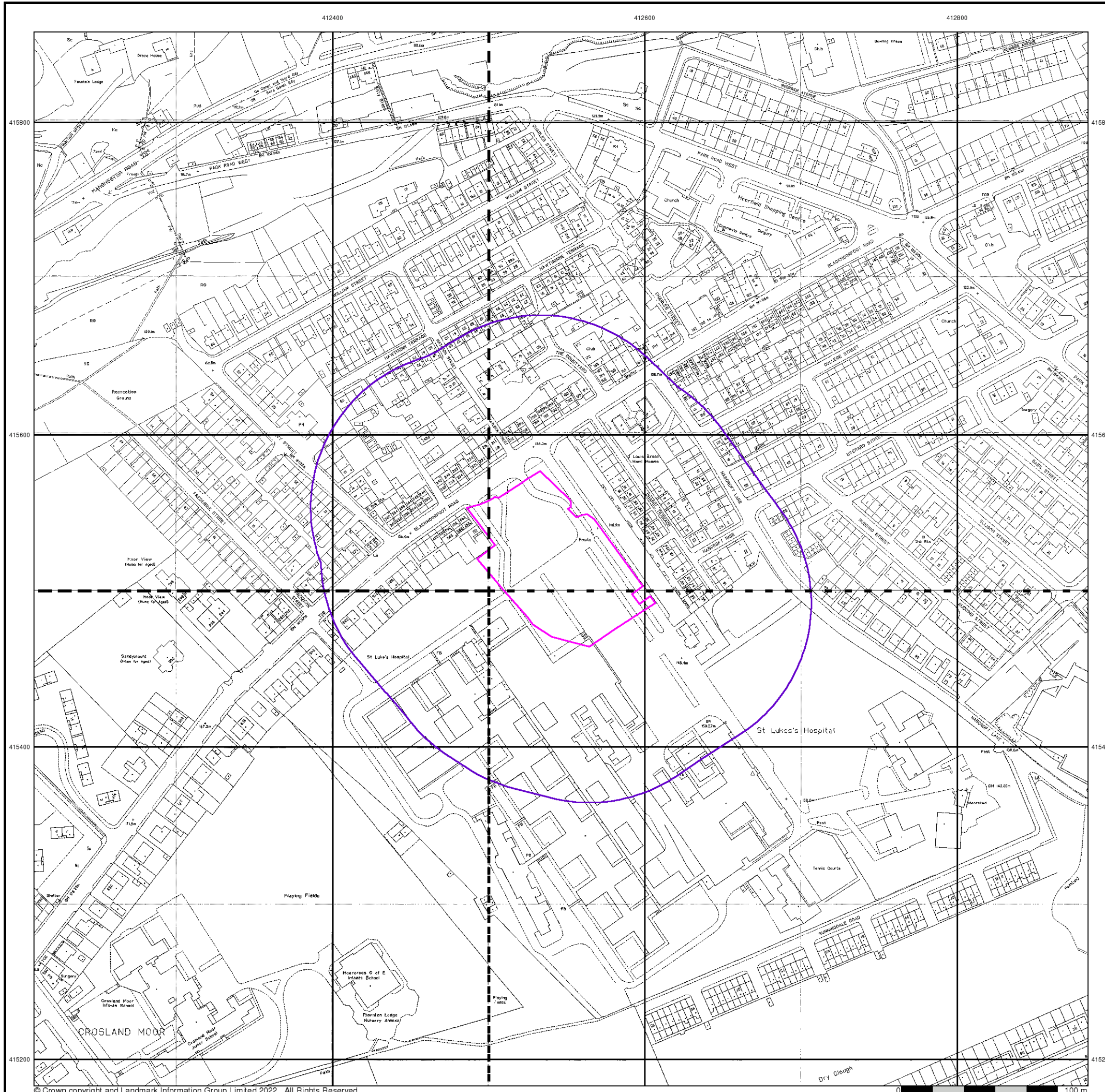
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 100

### Site Details

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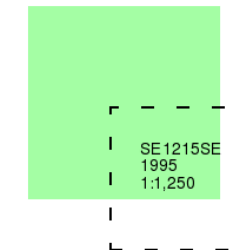
## Large-Scale National Grid Data

Published 1995

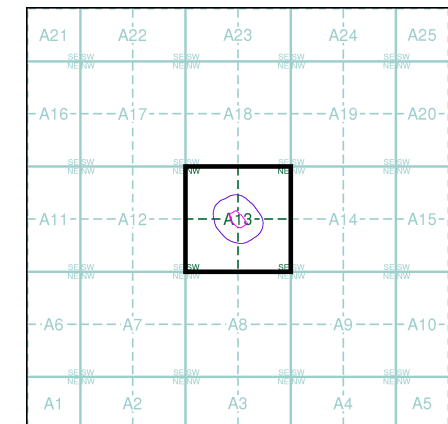
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

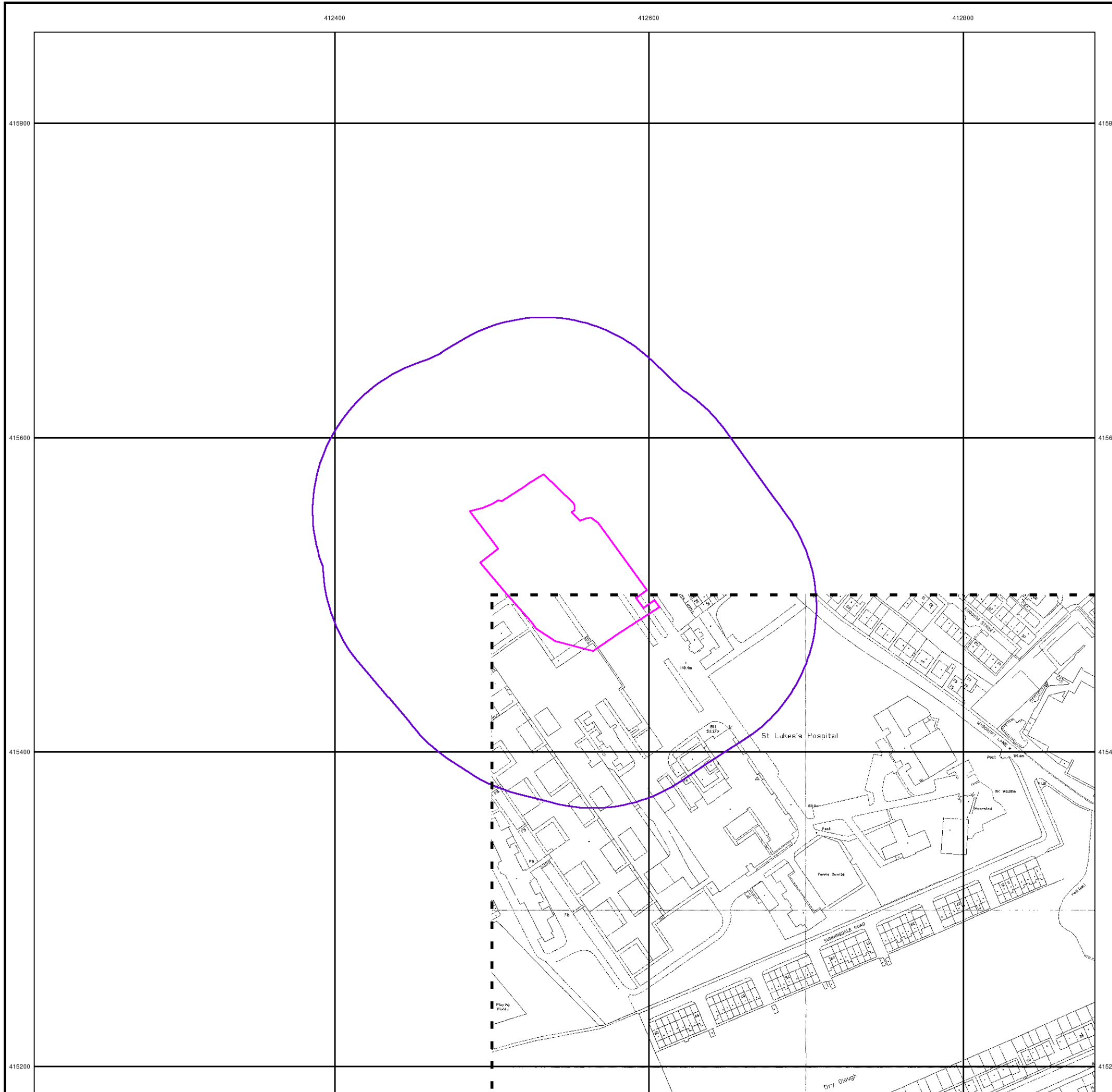
Order Number: 299834780\_1\_1  
Customer Ref: C9083B  
National Grid Reference: 412540, 415520  
Slice: A  
Site Area (Ha): 0.73  
Search Buffer (m): 100

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### General

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

### Agency and Hydrological

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

### Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- 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

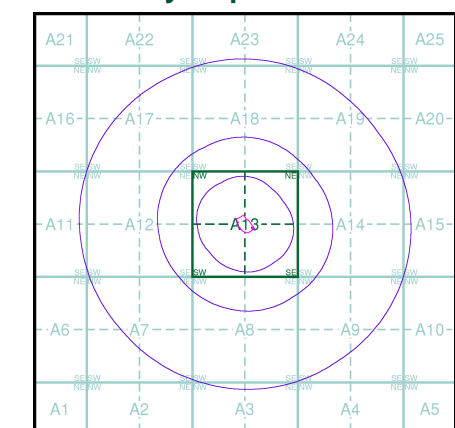
### Geological

- BGS Recorded Mineral Site

### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

### Site Sensitivity Map - Slice A



### Order Details

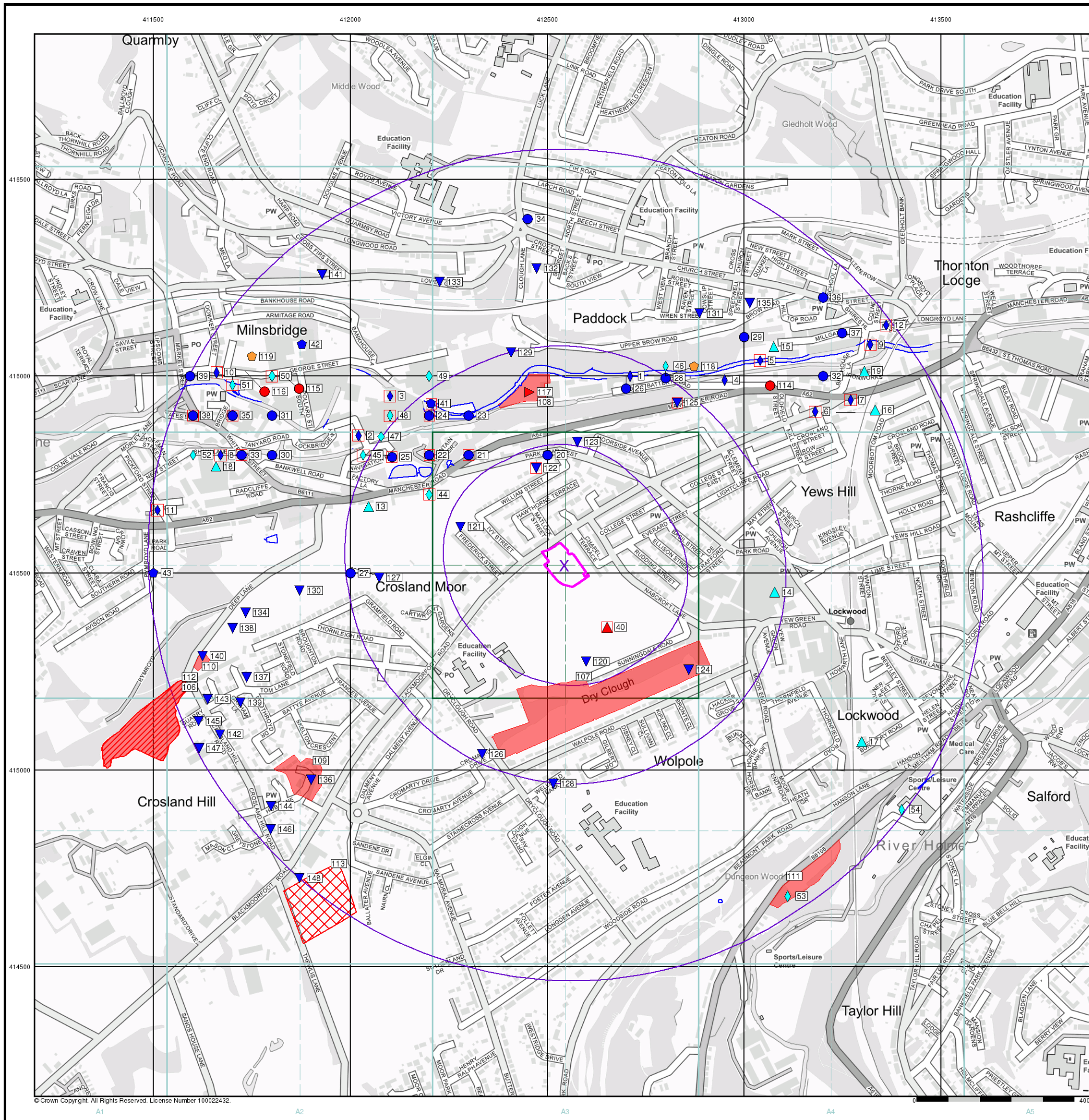
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

### Site Details

Land off Blackmoorfoot Road, HUDDERSFIELD, HD4 5RE








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



### Industrial Land Use Map

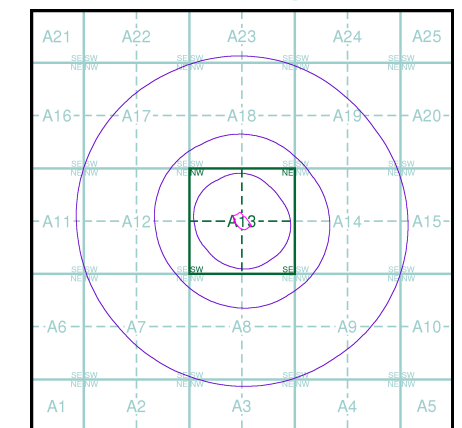
#### General

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

#### Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Underground Electrical Cables

### Industrial Land Use Map - Slice A



#### Order Details

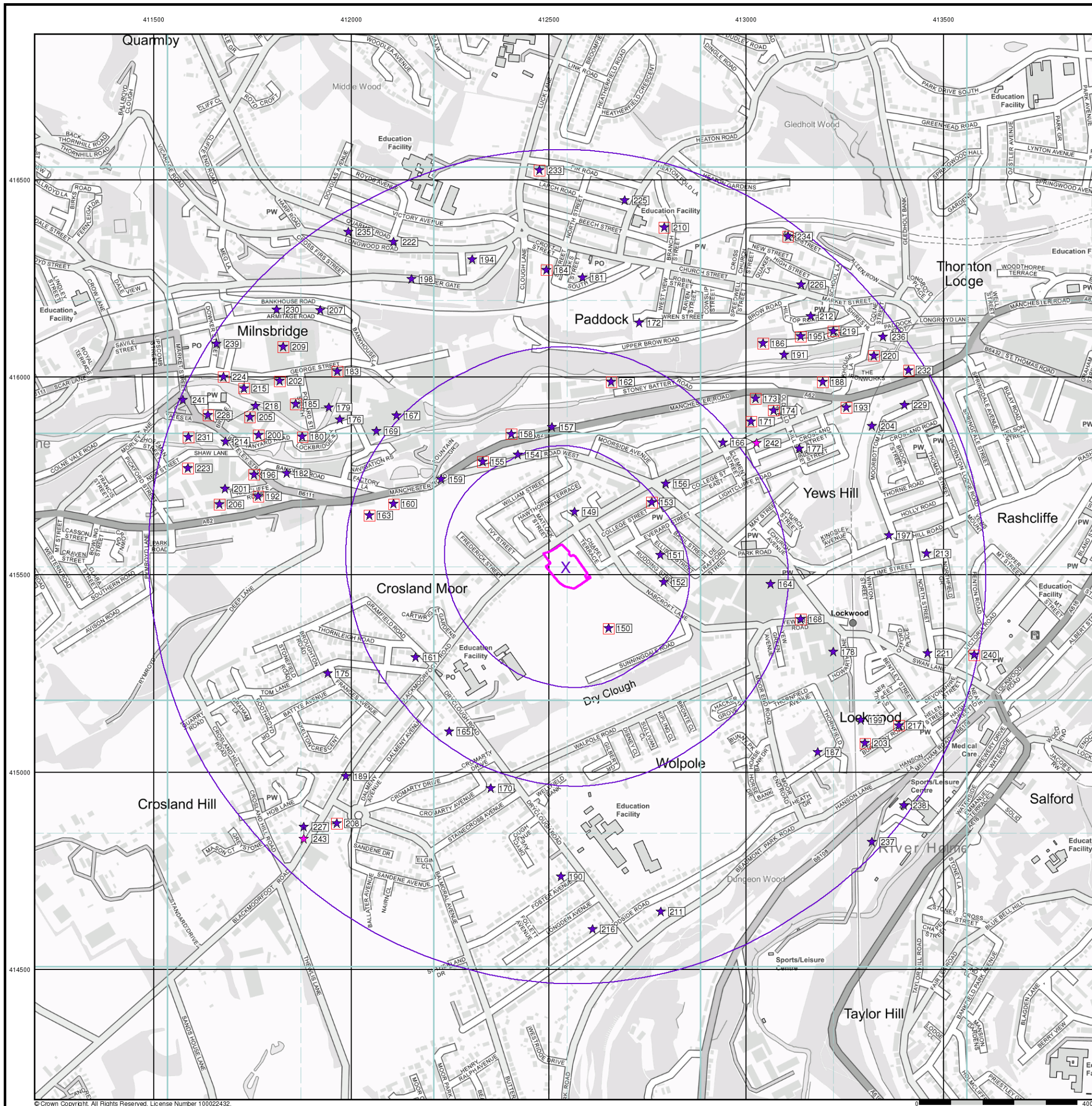
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

#### Site Details

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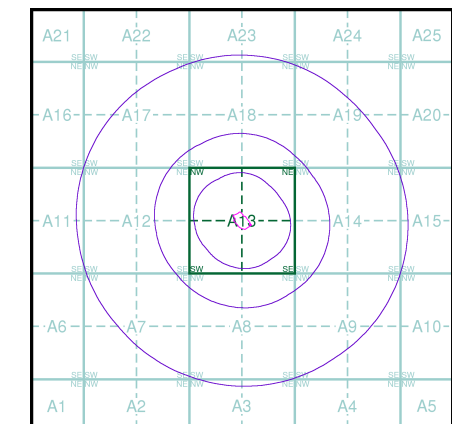
### General

- 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

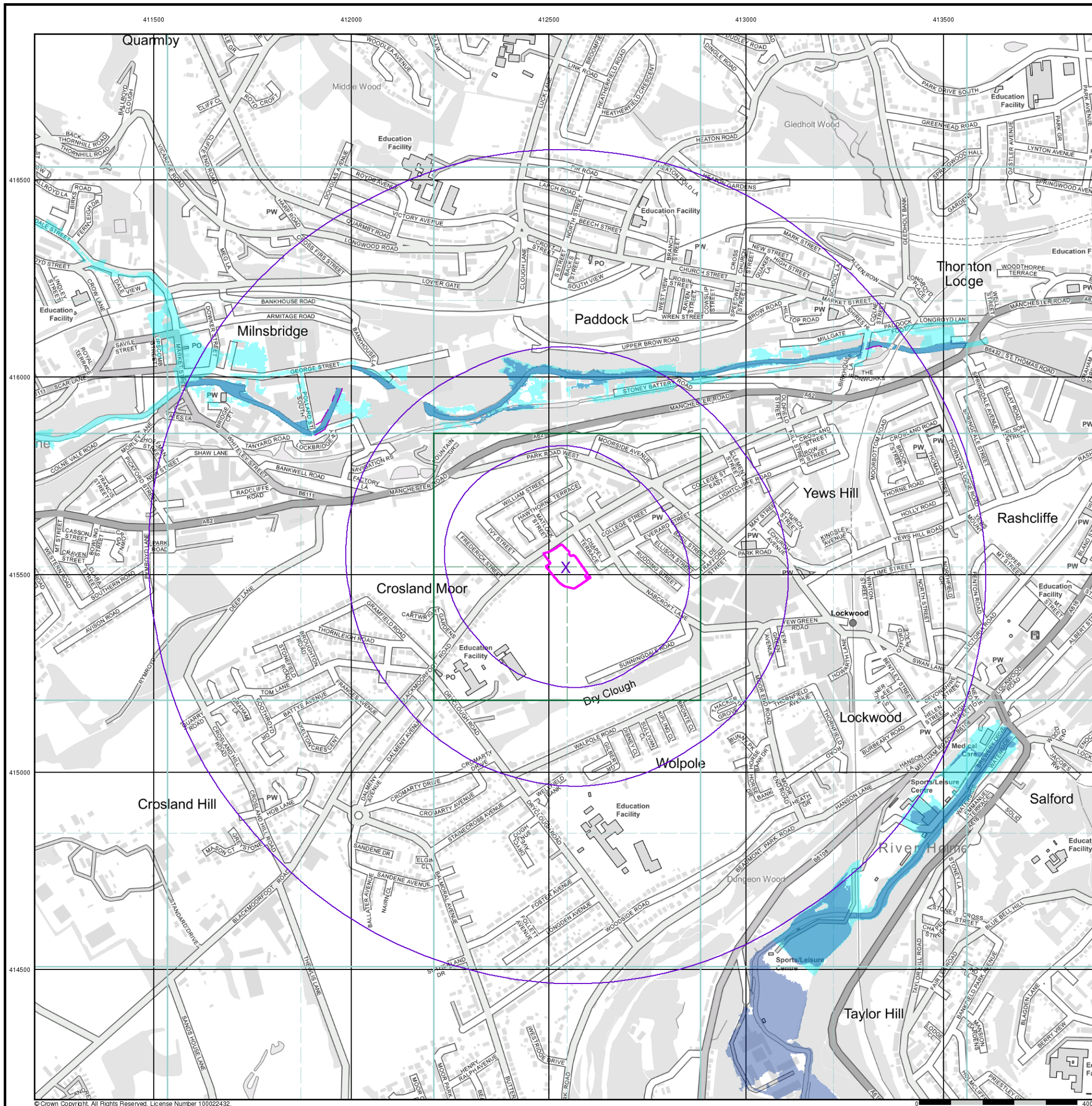
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

### Site Details

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### General

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

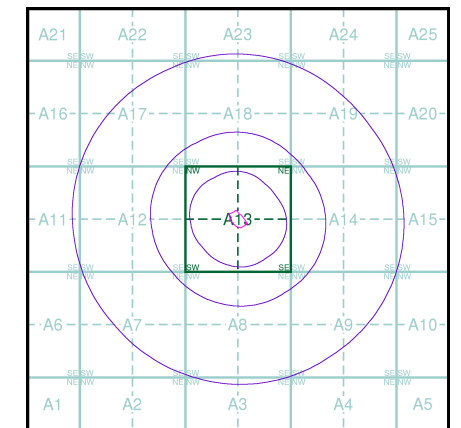
### Agency and Hydrological (Boreholes)

- 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

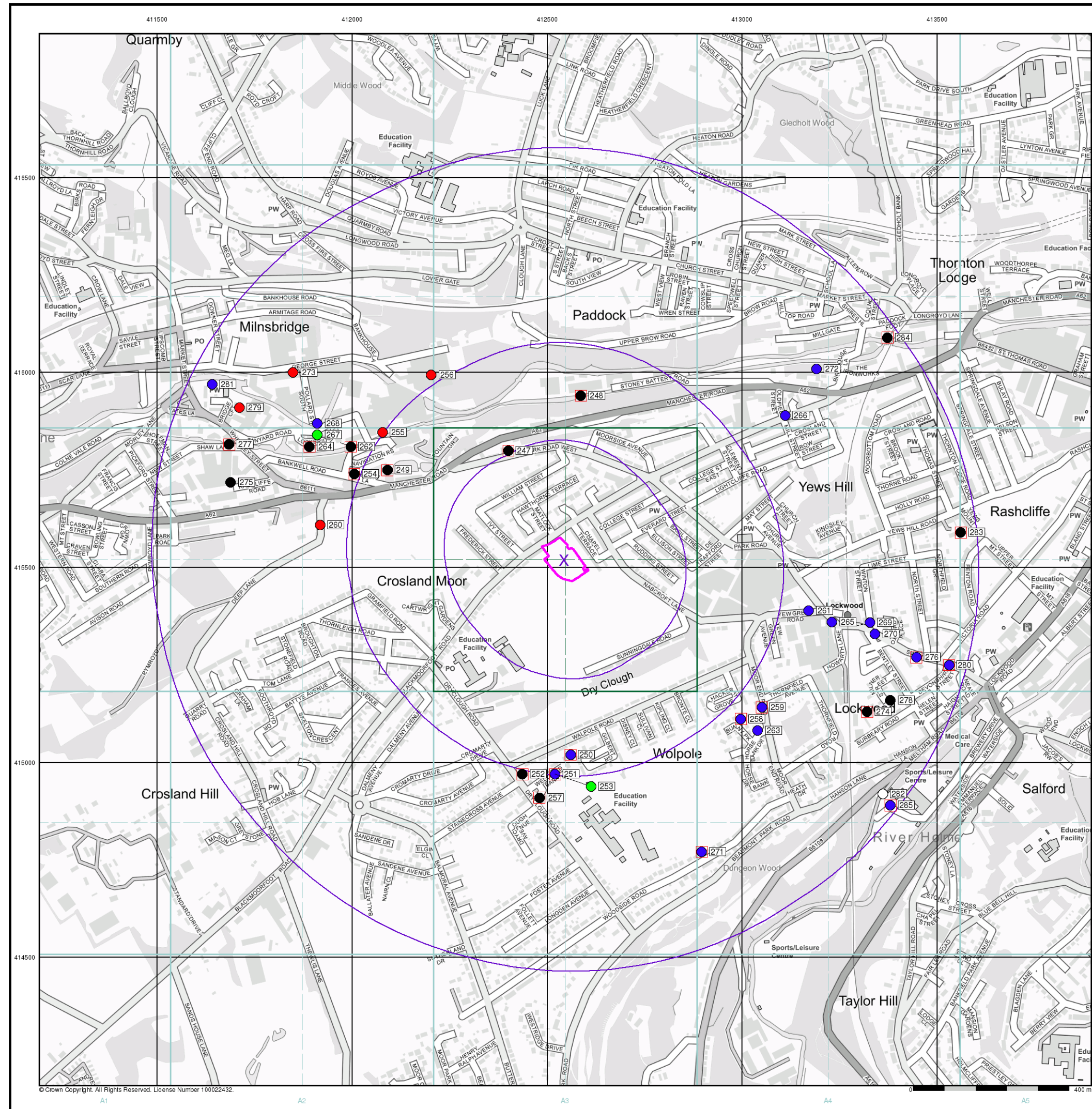
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

### Site Details

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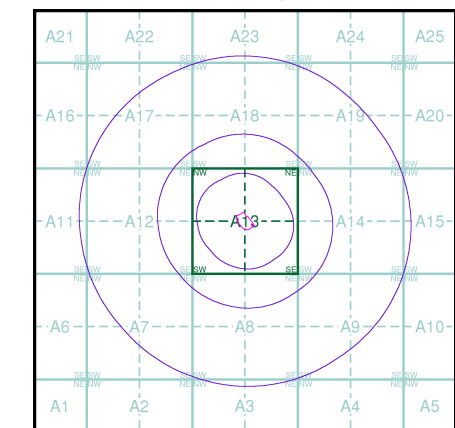
### General

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

### OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

### OS Water Network Map - Slice A



### Order Details

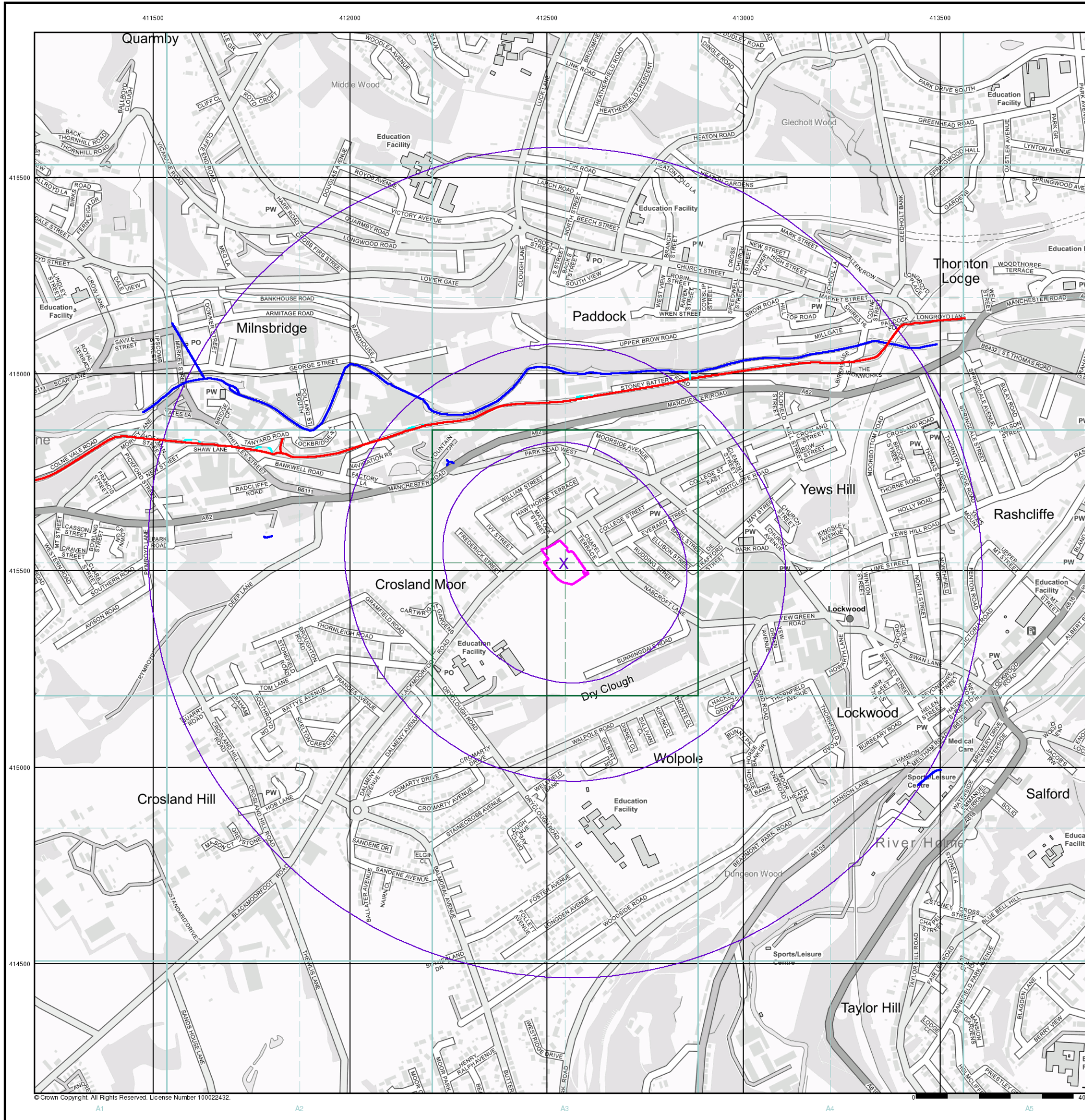
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

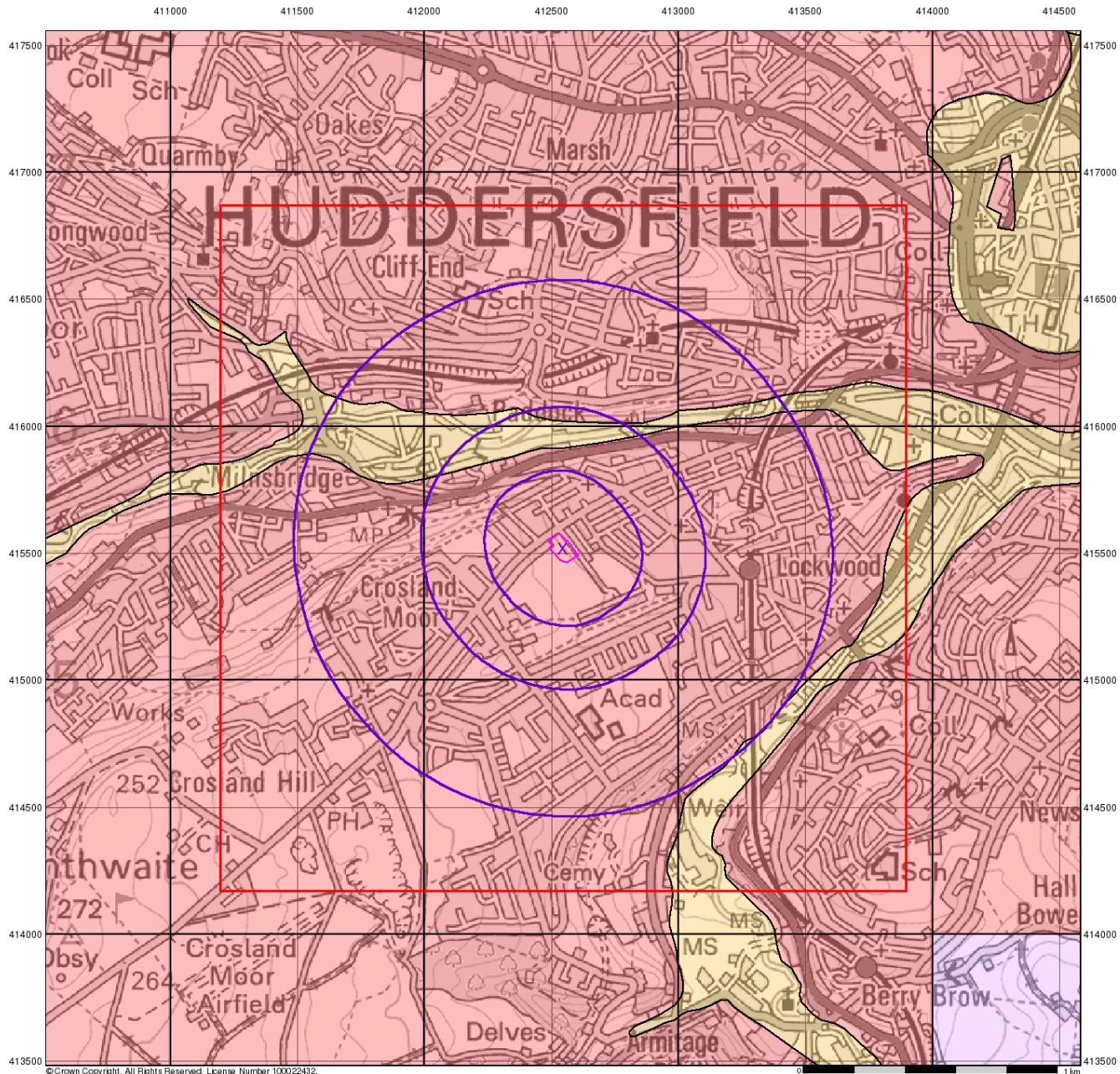
### Site Details

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## Groundwater Vulnerability

### General

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

### Agency and Hydrological

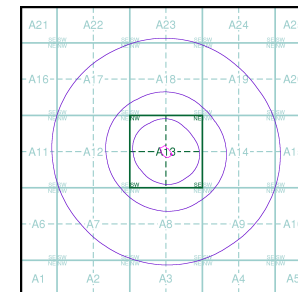
#### Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- Unproductive Aquifer
- Soluble Rock

#### Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

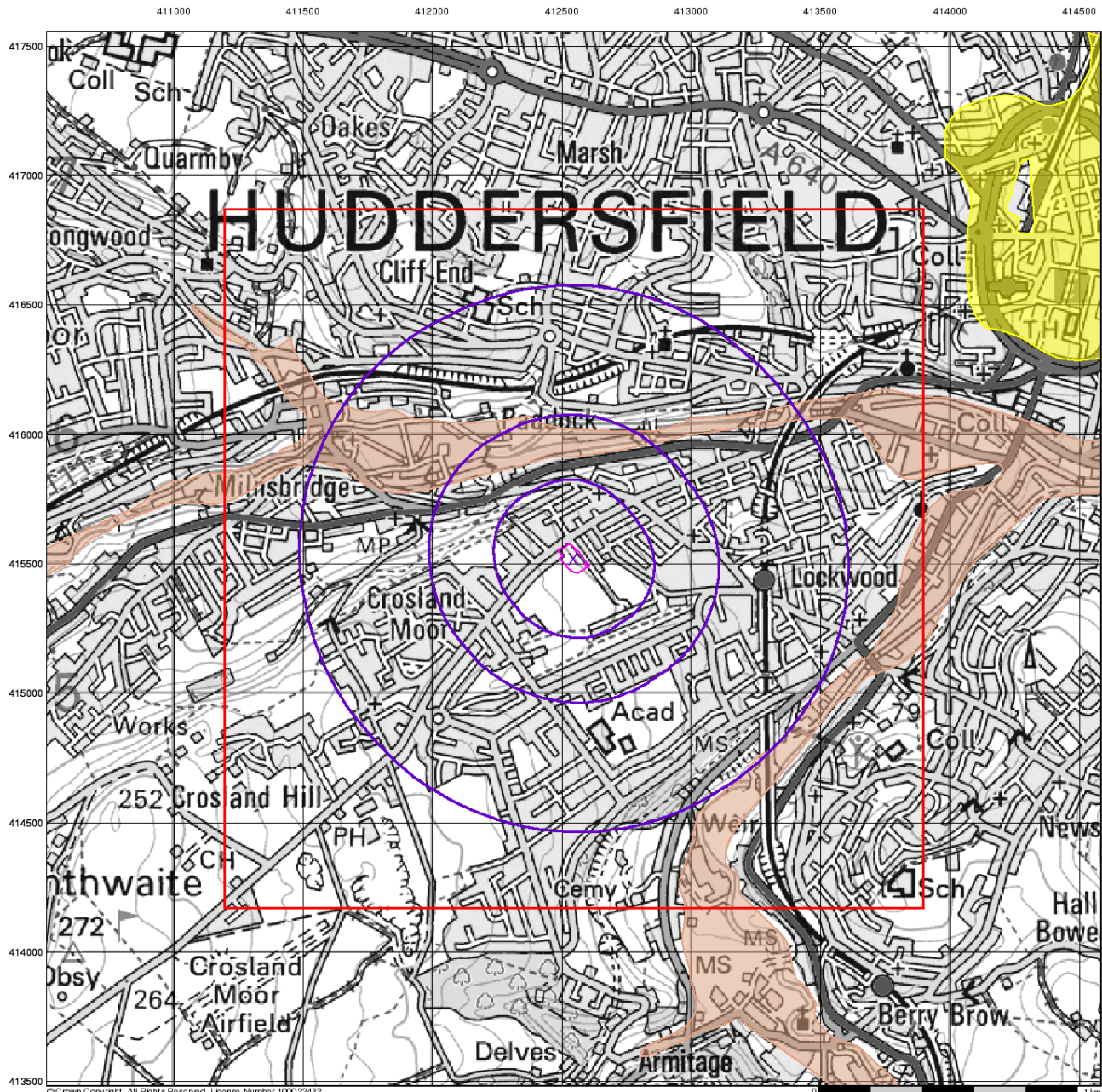
### Site Details

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## Superficial Aquifer Designation

### General

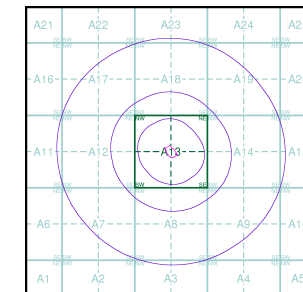
- ◆ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- B Map ID

### 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

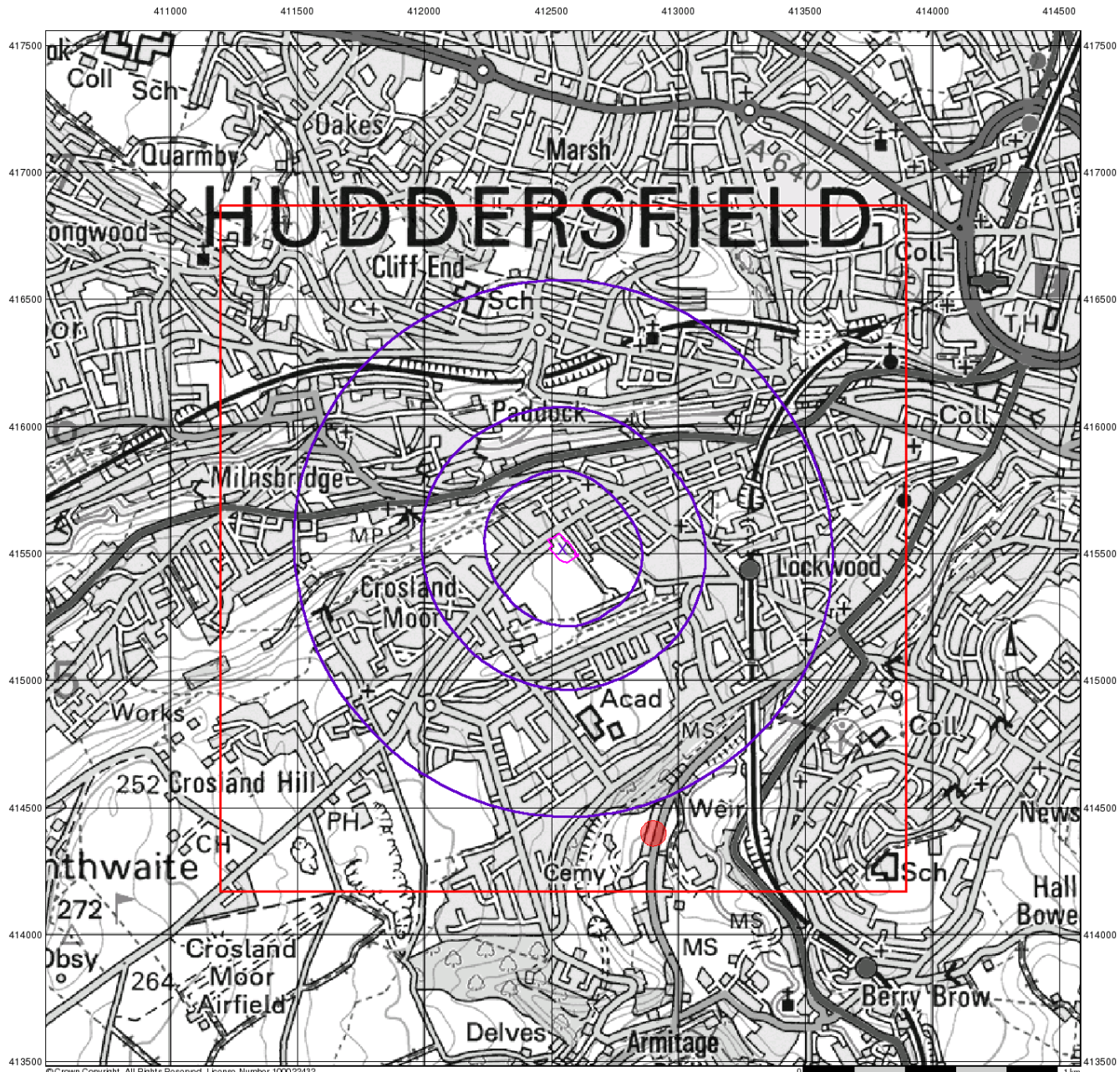
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

### Site Details

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## Source Protection Zones

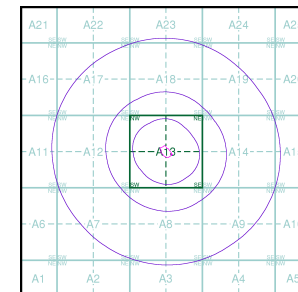
### General

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

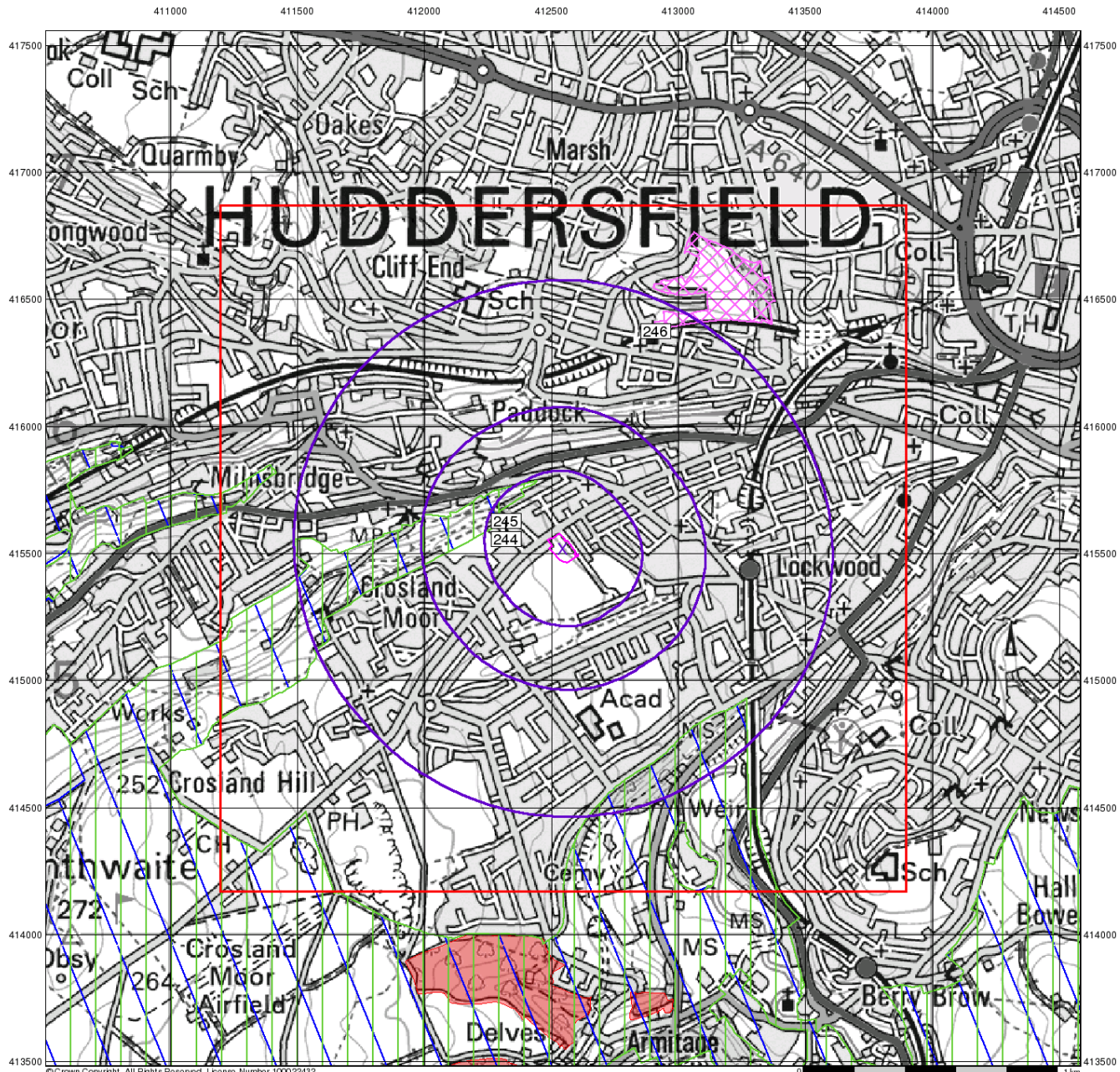
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

### Site Details

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## Sensitive Land Uses

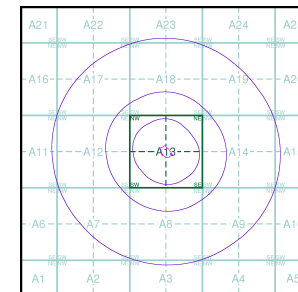
### General

-  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

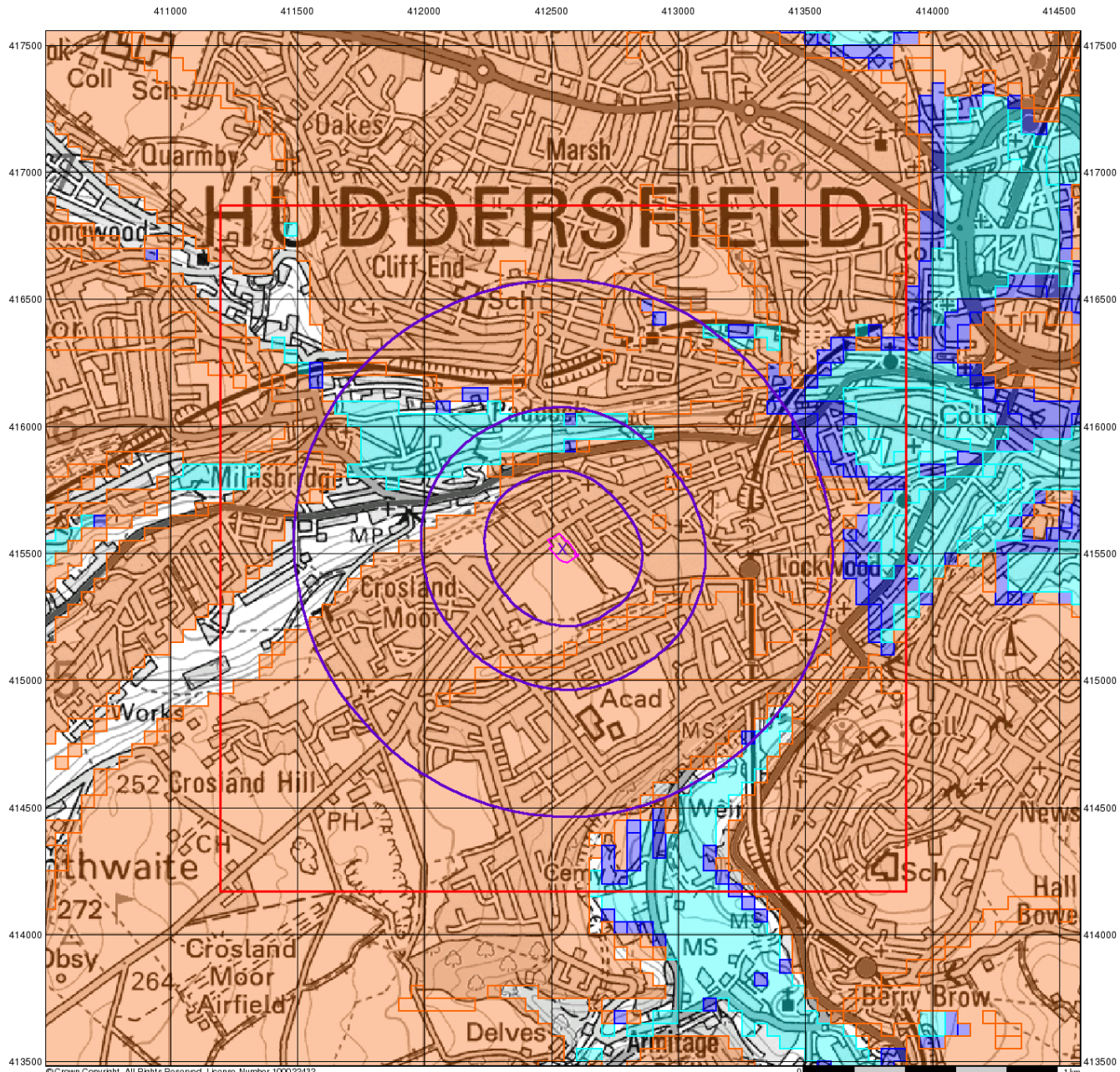
Order Number: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

### Site Details

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### BGS Flood GFS Data

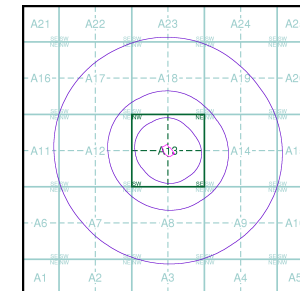
#### General

- 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: 299834780\_1\_1  
 Customer Ref: C9083B  
 National Grid Reference: 412540, 415520  
 Slice: A  
 Site Area (Ha): 0.73  
 Search Buffer (m): 1000

#### Site Details

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# Envirocheck<sup>®</sup> Report:

## Datasheet

### Order Details:

**Order Number:**

299834780\_1\_1

**Customer Reference:**

C9083B

**National Grid Reference:**

412540, 415520

**Slice:**

A

**Site Area (Ha):**

0.73

**Search Buffer (m):**

1000

### Site Details:

Land off Blackmoorfoot Road

HUDDERSFIELD

HD4 5RE

### Client Details:

Ms S Howson

Sirius Geotechnical Ltd

4245 Park Approach

Thorpe Park

Leeds

LS15 8GB



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	45
Hazardous Substances	-
Geological	49
Industrial Land Use	56
Sensitive Land Use	75
Data Currency	76
Data Suppliers	80
Useful Contacts	81

## 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 2			1	42
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 12			2	5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 13			Yes	
Pollution Incidents to Controlled Waters	pg 13		1	18	17
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 19		3		
River Quality	pg 20			2	3
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 21			2	2
Water Abstractions	pg 21			7	12 (*49)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 38	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 38	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 39			18	33



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 45				1
Historical Landfill Sites	pg 45		1	1	4
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 46				1
Licensed Waste Management Facilities (Locations)	pg 46				3
Local Authority Landfill Coverage	pg 47	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 47			1	
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 47				2
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 49	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 49		4	7	20
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 54	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 54	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 54	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 54		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 54	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 54		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 54		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



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 56		7	23	172
Fuel Station Entries	pg 74				2
Gas Pipelines					
Underground Electrical Cables					
<b>Sensitive Land Use</b>					
Ancient Woodland					
Areas of Adopted Green Belt	pg 75		1		
Areas of Unadopted Green Belt	pg 75		1		
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 75				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
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	A13SW (N)	0	1	412544 415519
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	254	1	412700 415250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	273	1	412800 415300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	279	1	412650 415200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	286	1	412450 415850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	310	1	412300 415800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	313	1	412900 415600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	315	1	412550 415150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	324	1	412550 415900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (N)	324	1	412544 415900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	327	1	412350 415850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	331	1	412600 415900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	365	1	412544 415100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	424	1	412550 416000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	430	1	412950 415750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	465	1	412544 415000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	474	1	412544 416050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	485	1	412300 415050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	500	1	413000 415800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: 54  Permit Version: 1  Effective Date: 24th September 1952  Issued Date: 24th September 1952  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Colne  <b>Status:</b> Transferred from Rivers (Prevention of Pollution) Act 1951-1961  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	459	2	412710 416000
2	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Factory Lane Cso, Factory Lane, Huddersfield, West Yorkshire, Hd3 4nj  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: Wra9180  Permit Version: 2  Effective Date: 28th June 2019  Issued Date: 28th June 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of The River Colne  <b>Status:</b> Varied under EPR 2010  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	553	2	412028 415862
2	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 3  Effective Date: 25th January 1995  Issued Date: 25th January 1995  Revocation Date: 5th March 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	553	2	412020 415850
2	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: Sewerage Network - Sewers - Water Company  Location: Darnall Road Cso, Darnall Road, Sheffield, S9 5ah  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 4  Effective Date: 6th March 1995  Issued Date: 25th January 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	553	2	412020 415850



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 2  Effective Date: 2nd July 1993  Issued Date: 2nd July 1993  Revocation Date: 24th January 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	553	2	412020 415850
2	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 1  Effective Date: 27th May 1963  Issued Date: 27th May 1963  Revocation Date: 1st July 1993  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Transferred from Rivers (Prevention of Pollution) Act 1951-1961  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	553	2	412020 415850
2	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Factory Lane Cso, Factory Lane, Huddersfield, West Yorkshire, Hd3 4nj  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: Wra9180  Permit Version: 1  Effective Date: 23rd August 2007  Issued Date: 23rd August 2007  Revocation Date: 27th June 2019  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of The River Colne  <b>Status:</b> New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	558	2	412020 415860
3	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 2  Effective Date: 2nd July 1993  Issued Date: 2nd July 1993  Revocation Date: 24th January 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	554	2	412100 415950



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 1  Effective Date: 27th May 1963  Issued Date: 27th May 1963  Revocation Date: 1st July 1993  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> <b>Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	554	2	412100 415950
4	<p><b>Discharge Consents</b></p> <p>Operator: Batoyle Ltd  Property Type: Not Given  Location: Location Description Not Available  Authority: Environment Agency, North East Region  Catchment Area: Colne  Reference: 44290085  Permit Version: Not Supplied  Effective Date: Not Supplied  Issued Date: 10th April 1985  Revocation Date: Not Supplied  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Not Supplied  <b>Status:</b> <b>Not Supplied</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	587	2	412950 415990
5	<p><b>Discharge Consents</b></p> <p>Operator: R.M.C (Yorkshire) Ltd,  Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE  Location: Rmc (Yorks) Ltd Central Mixing, Millgate, Huddersfield, West Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: 2282  Permit Version: 2  Effective Date: 3rd June 1993  Issued Date: 3rd June 1993  Revocation Date: 20th May 2018  Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites)  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Colne  <b>Status:</b> <b>Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	684	2	413040 416040
5	<p><b>Discharge Consents</b></p> <p>Operator: R.M.C (Yorkshire) Ltd,  Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE  Location: Rmc (Yorks) Ltd Central Mixing, Millgate, Huddersfield, West Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: 2282  Permit Version: 1  Effective Date: 13th September 1967  Issued Date: 13th September 1967  Revocation Date: 2nd June 1993  Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites)  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Colne  <b>Status:</b> <b>Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	684	2	413040 416040



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 Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 3  Effective Date: 25th January 1995  Issued Date: 25th January 1995  Revocation Date: 5th March 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	710	2	413180 415910
6	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: Sewerage Network - Sewers - Water Company  Location: Darnall Road Cso, Darnall Road, Sheffield, S9 5ah  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 4  Effective Date: 6th March 1995  Issued Date: 25th January 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	710	2	413180 415910
6	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 2  Effective Date: 2nd July 1993  Issued Date: 2nd July 1993  Revocation Date: 24th January 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	710	2	413180 415910
6	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 1  Effective Date: 27th May 1963  Issued Date: 27th May 1963  Revocation Date: 1st July 1993  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Transferred from Rivers (Prevention of Pollution) Act 1951-1961  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	710	2	413180 415910



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 3  Effective Date: 25th January 1995  Issued Date: 25th January 1995  Revocation Date: 5th March 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	801	2	413270 415940
7	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: Sewerage Network - Sewers - Water Company  Location: Darnall Road Cso, Darnall Road, Sheffield, S9 5ah  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 4  Effective Date: 6th March 1995  Issued Date: 25th January 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	801	2	413270 415940
7	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 2  Effective Date: 2nd July 1993  Issued Date: 2nd July 1993  Revocation Date: 24th January 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	801	2	413270 415940
7	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 1  Effective Date: 27th May 1963  Issued Date: 27th May 1963  Revocation Date: 1st July 1993  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Transferred from Rivers (Prevention of Pollution) Act 1951-1961  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	801	2	413270 415940



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Milns Shaw Lane No 2 Cso Shaw Lane, Milnsbridge, Huddersfield, West Yorkshire, Hd3 4ne  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: Wra8765  Permit Version: 3  Effective Date: 9th August 2019  Issued Date: 9th August 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of The River Colne  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	844	2	411682 415808
8	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Milns Shaw Lane No 2 Cso Shaw Lane, Milnsbridge, Huddersfield, West Yorkshire, Hd3 4ne  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: Wra8765  Permit Version: 2  Effective Date: 24th March 2010  Issued Date: 24th March 2010  Revocation Date: 8th August 2019  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of The River Colne  <b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	853	2	411670 415800
8	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Milns Shaw Lane No 2 Cso Shaw Lane, Milnsbridge, Huddersfield, West Yorkshire, Hd3 4ne  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: Wra8765  Permit Version: 1  Effective Date: 1st April 2005  Issued Date: 11th March 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 The River Colne  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	853	2	411670 415800
8	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 3  Effective Date: 25th January 1995  Issued Date: 25th January 1995  Revocation Date: 5th March 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status: Revised by Notice, at direction of Secretary of State (Section 37(2))</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	853	2	411670 415800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: Sewerage Network - Sewers - Water Company  Location: Damall Road Cso, Damall Road, Sheffield, S9 5ah  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 4  Effective Date: 6th March 1995  Issued Date: 25th January 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	853	2	411670 415800
8	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 2  Effective Date: 2nd July 1993  Issued Date: 2nd July 1993  Revocation Date: 24th January 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	853	2	411670 415800
8	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 1  Effective Date: 27th May 1963  Issued Date: 27th May 1963  Revocation Date: 1st July 1993  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Transferred from Rivers (Prevention of Pollution) Act 1951-1961  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	853	2	411670 415800
9	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Crosland St/Blackmoorfoot Rd Cso Birkhouse Lane, Lockwood, Huddersfield, West Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: Wra8603  Permit Version: 1  Effective Date: 31st March 2005  Issued Date: 31st March 2005  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Colne  <b>Status:</b> New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	879	2	413280 416060



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p><b>Discharge Consents</b></p> <p>Operator: William Arnold &amp; Son Ltd,  Property Type: MAKING OF MACHINERY/ENGINE/PUMP/FURNACE/TRACTOR  Location: William Arnold &amp; Son Ltd Birkhouse Bolier Works, Paddock, Huddersfield, West Yorkshire</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: 3150  Permit Version: 2  Effective Date: 3rd November 1994  Issued Date: 3rd November 1994  Revocation Date: 15th November 2001  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Colne  <b>Status: Authorisation revoked</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	923	2	413320 416080
9	<p><b>Discharge Consents</b></p> <p>Operator: William Arnold &amp; Son Ltd,  Property Type: MAKING OF MACHINERY/ENGINE/PUMP/FURNACE/TRACTOR  Location: William Arnold &amp; Son Ltd Birkhouse Bolier Works, Paddock, Huddersfield, West Yorkshire</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: 3150  Permit Version: 1  Effective Date: 1st July 1976  Issued Date: 1st July 1976  Revocation Date: 2nd November 1994  Discharge Type: Trade Effluent  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Colne  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	923	2	413320 416080
9	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 1  Effective Date: 27th May 1963  Issued Date: 27th May 1963  Revocation Date: 1st July 1993  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	931	2	413300 416120
10	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site</p> <p>Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 3  Effective Date: 25th January 1995  Issued Date: 25th January 1995  Revocation Date: 5th March 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status: Revised by Notice, at direction of Secretary of State (Section 37(2))</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	944	2	411660 416010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: Sewerage Network - Sewers - Water Company  Location: Damall Road Cso, Damall Road, Sheffield, S9 5ah  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 4  Effective Date: 6th March 1995  Issued Date: 25th January 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status: Revised by Notice, at direction of Secretary of State (Section 37(2))</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	944	2	411660 416010
10	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 2  Effective Date: 2nd July 1993  Issued Date: 2nd July 1993  Revocation Date: 24th January 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status: Revised by Notice, at direction of Secretary of State (Section 37(2))</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	944	2	411660 416010
10	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 1  Effective Date: 27th May 1963  Issued Date: 27th May 1963  Revocation Date: 1st July 1993  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	944	2	411660 416010
11	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 3  Effective Date: 25th January 1995  Issued Date: 25th January 1995  Revocation Date: 5th March 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status: Revised by Notice, at direction of Secretary of State (Section 37(2))</b>  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	982	2	411510 415660



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 Ltd  Property Type: Sewerage Network - Sewers - Water Company  Location: Darnall Road Cso, Darnall Road, Sheffield, S9 5ah  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 4  Effective Date: 6th March 1995  Issued Date: 25th January 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	982	2	411510 415660
11	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 2  Effective Date: 2nd July 1993  Issued Date: 2nd July 1993  Revocation Date: 24th January 1995  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Revised by Notice, at direction of Secretary of State (Section 37(2))  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	982	2	411510 415660
11	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: S/Cb/51  Permit Version: 1  Effective Date: 27th May 1963  Issued Date: 27th May 1963  Revocation Date: 1st July 1993  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Varies With Outlet  <b>Status:</b> Transferred from Rivers (Prevention of Pollution) Act 1951-1961  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	982	2	411510 415660
11	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Pickford Street Cso Pickford Street, Milnsbridge, Huddersfield, West Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: Wra8768  Permit Version: 2  Effective Date: 24th March 2010  Issued Date: 24th March 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of The River Colne  <b>Status:</b> Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	995	2	411500 415680



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 Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Pickford Street Cso Pickford Street, Milnsbridge, Huddersfield, West Yorkshire  Authority: Environment Agency, North East Region  Catchment Area: Calder  Reference: Wra8768  Permit Version: 1  Effective Date: 1st April 2005  Issued Date: 11th March 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 The River Colne  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	995	2	411500 415680
12	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Yws Unknown Sites Default Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site, Do Not Delete/Replace Site  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 2773  Permit Version: 1  Effective Date: 7th October 1971  Issued Date: 7th October 1971  Revocation Date: 20th November 2018  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Colne  <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	985	2	413360 416130
12	<p><b>Discharge Consents</b></p> <p>Operator: Yorkshire Water Services Ltd  Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)  Location: Paddock Foot Cso, Paddock Foot/Junction Colne St, Huddersfield, West Yorkshire, Hd1 4rx  Authority: Environment Agency, North East Region  Catchment Area: Not Supplied  Reference: 2773  Permit Version: 2  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: Culverted Trib Of River Colne  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	990	2	413365 416131
13	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: C Potter &amp; Co  Location: 709 Manchester Road, Milnsbridge, HUDDERSFIELD, West Yorkshire, HD4 5SH  Authority: Kirklees Metropolitan Borough Council, Environmental Health Department  Permit Reference: Not Given  Dated: Not Supplied  Process Type: Local Authority Air Pollution Control  Description: PG6/33 Wood coating  <b>Status: Authorisation revoked</b>  Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	455	3	412046 415665
14	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: David Brown Engineering Ltd  Location: Park Gear Works, Lockwood, Huddersfield, Hd4 5dd  Authority: Kirklees Metropolitan Borough Council, Environmental Health Department  Permit Reference: Ppc W 155  Dated: Not Supplied  Process Type: Local Authority Pollution Prevention and Control  Description: PG6/23 Coating of metal and plastic  <b>Status: Permitted</b>  Positional Accuracy: Manually positioned to the address or location</p>	A14SW (E)	473	3	413077 415448

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Cemex Materials Uk Ltd            Location: Millgate, Huddersfield, West Yorkshire, HD1 4SD            Authority: Kirklees Metropolitan Borough Council, Environmental Health Department            Permit Reference: Ppc W 40            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG3/1 Blending, packing, loading and use of bulk cement  <b>Status: Permitted</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	731	3	413075 416071
16	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Premier Coachworks            Location: Blackmoorfoot Road, Crosland Moor, Huddersfield, Hd4 5an            Authority: Kirklees Metropolitan Borough Council, Environmental Health Department            Permit Reference: Ppc W 92            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/34 Respraying of road vehicles  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A19SE (NE)	753	3	413233 415908
17	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Howarth Timber (Huddersfield) Ltd            Location: Railway Saw Mill, Burbeary Road, Lockwood, Huddersfield, Hd1 3un            Authority: Kirklees Metropolitan Borough Council, Environmental Health Department            Permit Reference: Ppc W 89            Dated: Not Supplied            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/3 Chemical treatment of timber and wood-based products  <b>Status: Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9NE (SE)	812	3	413298 415068
18	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Decorative Panels Components Ltd            Location: Spring Garden Mills, Radcliffe Street, Milnsbridge, Huddersfield            Authority: Kirklees Metropolitan Borough Council, Environmental Health Department            Permit Reference: Epa W 112            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: Other Industries: Timber Processes  <b>Status: Not Supplied</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NW (W)	856	3	411658 415767
19	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Kaye &amp; Co (Huddersfield) Ltd            Location: Moorbottom Ironworks, Manchester Road, HUDDERSFIELD, West Yorkshire, HD4 5AF            Authority: Kirklees Metropolitan Borough Council, Environmental Health Department            Permit Reference: Not Given            Dated: Not Supplied            Process Type: Local Authority Air Pollution Control            Description: PG2/4 Iron, steel and non-ferrous metal foundry processes  <b>Status: Authorisation revoked</b>            Positional Accuracy: Manually positioned to the address or location</p>	A19SE (NE)	869	3	413305 416009
	<b>Nearest Surface Water Feature</b>	A13NW (NW)	314	-	412262 415773
20	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Industrial Premises            Location: Huddersfld/Source Colne Afu            Authority: Environment Agency, North East Region            Pollutant: Miscellaneous - Fire water / Foam            Note: Not Supplied            Incident Date: 9th March 1992            Incident Reference: 131136            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>	A13NW (N)	226	2	412500 415800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Huddersfld/Source Colne Afu Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 25th June 1992 Incident Reference: 134247 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	A13NW (NW)	303	2	412305 415795
21	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Mouth/Huddersfld Colne Afl Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 29th June 1992 Incident Reference: 134367 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	A13NW (NW)	306	2	412300 415795
21	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Huddersfld/Source Colne Afu Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Organic Food Process Waste Note: Not Supplied Incident Date: 7th December 1993 Incident Reference: 148896 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	A13NW (NW)	310	2	412300 415800
22	<b>Pollution Incidents to Controlled Waters</b> Property Type: Water Company Sewage: Foul Sewer Location: Mouth/Huddersfld Colne Afl Authority: Environment Agency, North East Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 1st April 1993 Incident Reference: 142507 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	A12NE (NW)	375	2	412200 415795
22	<b>Pollution Incidents to Controlled Waters</b> Property Type: Water Company Sewage: Foul Sewer Location: Huddersfld/Source Colne Afu Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 1st April 1993 Incident Reference: 142521 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	A12NE (NW)	378	2	412200 415800
23	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: COLNE Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information; Colne Incident Date: 8th April 1995 Incident Reference: SL950457 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	394	2	412300 415900



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Mouth/Huddersfld Colne Afl Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Not Supplied Incident Date: 7th August 1992 Incident Reference: 135477 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	443	2	412205 415895
24	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Mouth/Huddersfld Colne Afl Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Not Supplied Incident Date: 7th August 1992 Incident Reference: 135529 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	446	2	412200 415895
24	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Mouth/Huddersfld Colne Afl Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Not Supplied Incident Date: 7th August 1992 Incident Reference: 135789 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	447	2	412205 415900
24	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Mouth/Huddersfld Colne Afl Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Not Supplied Incident Date: 7th August 1992 Incident Reference: 135524 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	450	2	412200 415900
24	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Huddersfld/Source Colne Afu Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Not Supplied Incident Date: 7th August 1992 Incident Reference: 135531 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	451	2	412205 415905
24	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Huddersfld/Source Colne Afu Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Not Supplied Incident Date: 7th August 1992 Incident Reference: 135490 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	454	2	412200 415905



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Huddersfield Narrow Canal Authority: Environment Agency, North East Region Pollutant: Not Given Note: Not Supplied Incident Date: 8th November 1994 Incident Reference: 153457 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	452	2	412105 415795
25	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Huddersfield Narrow Canal Authority: Environment Agency, North East Region Pollutant: Not Given Note: Not Supplied Incident Date: 8th November 1994 Incident Reference: 153459 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	454	2	412105 415800
25	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Huddersfield Narrow Canal Authority: Environment Agency, North East Region Pollutant: Not Given Note: Not Supplied Incident Date: 7th November 1994 Incident Reference: 153463 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	457	2	412105 415805
26	<b>Pollution Incidents to Controlled Waters</b> Property Type: Fire Water Location: HUDDERSFIELD Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Other Note: River Colne; No Pollution Found; No Fish Killed Incident Date: 11th May 1998 Incident Reference: SL980486 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	456	2	412700 416000
27	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: Colne Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information; Colne Incident Date: 23rd May 1995 Incident Reference: SL950615 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	489	2	412000 415500
28	<b>Pollution Incidents to Controlled Waters</b> Property Type: Water Company Sewage: Foul Sewer Location: Mouth/Huddersfld Colne Afl Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 11th July 1994 Incident Reference: 152490 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	497	2	412800 415995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Industrial Premises            Location: Mouth/Huddersfld Colne Afl            Authority: Environment Agency, North East Region            Pollutant: Oils - Diesel (Including Agricultural)            Note: Not Supplied            Incident Date: 10th February 1992            Incident Reference: 130507            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>	A19SW (NE)	702	2	413000 416100
30	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Miscellaneous Premises: Unknown            Location: Mouth/Huddersfld Colne Afl            Authority: Environment Agency, North East Region            Pollutant: Oils - Unknown            Note: Not Supplied            Incident Date: 23rd October 1990            Incident Reference: 116051            Catchment Area: Not Given            Receiving Water: Freshwater Stream/River            Cause of Incident: Not Given            Incident Severity: Category 2 - Significant Incident            Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	729	2	411800 415800
31	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Industrial Premises            Location: Huddersfld/Source Colne Afu            Authority: Environment Agency, North East Region            Pollutant: Industrial Effluent            Note: Not Supplied            Incident Date: 16th July 1990            Incident Reference: 112682            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>	A17SW (NW)	769	2	411800 415900
32	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises            Location: Mouth/Huddersfld Colne Afl            Authority: Environment Agency, North East Region            Pollutant: Rubble/Litter Or Solids            Note: Not Supplied            Incident Date: 18th April 1991            Incident Reference: 121614            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>	A19SW (NE)	779	2	413200 416000
33	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises            Location: Colne Afu            Authority: Environment Agency, North East Region            Pollutant: Unknown            Note: Fish Killed: No Information; Colne Afu            Incident Date: 4th July 1995            Incident Reference: SL950719            Catchment Area: Calder Tributaries            Receiving Water: Freshwater Stream/River            Cause of Incident: Not Given            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	823	2	411700 415795
33	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Other General Premises            Location: Mouth/Huddersfld Colne Afl            Authority: Environment Agency, North East Region            Pollutant: Oils - Cutting Oils            Note: Not Supplied            Incident Date: 9th November 1994            Incident Reference: 153492            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>	A12NW (W)	824	2	411700 415800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<b>Pollution Incidents to Controlled Waters</b> Property Type: Road Location: The Paddock Roundabout Authority: Environment Agency, North East Region Pollutant: Chemicals - Detergents/Surfactant Note: River Colne; No Fish Killed Incident Date: 6th May 1998 Incident Reference: SL980484 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	828	2	412450 416400
35	<b>Pollution Incidents to Controlled Waters</b> Property Type: Water Company Sewage: Foul Sewer Location: Huddersfld/Source Colne Afu Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: Not Supplied Incident Date: 18th May 1992 Incident Reference: 133226 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	853	2	411705 415895
35	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Huddersfld/Source Colne Afu Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 10th April 1990 Incident Reference: 109487 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	A17SW (NW)	858	2	411700 415895
35	<b>Pollution Incidents to Controlled Waters</b> Property Type: Industrial Premises Location: Brdge A642/Bridge Newsome Road Colne 08 Authority: Environment Agency, North East Region Pollutant: Not Given Note: Not Supplied Incident Date: 19th April 1989 Incident Reference: 8946 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	A17SW (NW)	860	2	411700 415900
36	<b>Pollution Incidents to Controlled Waters</b> Property Type: Miscellaneous Premises: Unknown Location: Huddersfld/Source Colne Afu Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 6th May 1994 Incident Reference: 150923 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	910	2	413200 416200
37	<b>Pollution Incidents to Controlled Waters</b> Property Type: Water Company Sewage: Foul Sewer Location: Mouth/Huddersfld Colne Afu Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 1st April 1993 Incident Reference: 142436 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	A19SE (NE)	919	2	413300 416100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	<b>Pollution Incidents to Controlled Waters</b> Property Type: Miscellaneous Premises: Unknown Location: Mouth/Huddersfld Colne Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 29th March 1990 Incident Reference: 109057 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	A17SW (W)	945	2	411605 415895
38	<b>Pollution Incidents to Controlled Waters</b> Property Type: Miscellaneous Premises: Unknown Location: Mouth/Huddersfld Colne Afl Authority: Environment Agency, North East Region Pollutant: Chemicals - Detergents/Surfactant Note: Not Supplied Incident Date: 20th April 1991 Incident Reference: 121643 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SW (W)	950	2	411600 415895
38	<b>Pollution Incidents to Controlled Waters</b> Property Type: Food industry Location: COLNE Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information; Colne Incident Date: 3rd January 1995 Incident Reference: SL950182 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (W)	952	2	411600 415900
38	<b>Pollution Incidents to Controlled Waters</b> Property Type: Fire Water Location: River Colne Authority: Environment Agency, North East Region Pollutant: Chemicals - Paints / Dyes Note: River Colne; No Fish Killed Incident Date: 17th July 1998 Incident Reference: SL980623 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	971	2	411600 415950
39	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other General Premises Location: Huddersfld/Source Colne Afu Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Natural Note: Not Supplied Incident Date: 19th June 1991 Incident Reference: 123614 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	A17SW (NW)	993	2	411600 416000
40	<b>Registered Radioactive Substances</b> Name: Calderdale And Huddersfield Nhs Trust (Huddersfield Royal Infirmary) Location: St Lukes Hospital, Blackmoorfoot Road, Crosford Moor, HUDDERSFIELD, West Yorkshire, HD4 5RQ Authority: Environment Agency, North East Region Permit Reference: AC0281 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA <b>Status: Authorisation superseded by a substantial or non substantial variation</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	133	2	412652 415364



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<p><b>Registered Radioactive Substances</b></p> <p>Name: Calderdale And Huddersfield Nhs Trust (Huddersfield Royal Infirmary)            Location: St. Lukes Hospital, Blackmoorfoot Road, HUDDERSFIELD, West Yorkshire, HD4 5RH            Authority: Environment Agency, North East Region            Permit Reference: AC0290            Dated: 31st March 1991            Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)            Description: Authorisation under RSA  <b>Status: Authorisation either revoked or cancelled</b>            Positional Accuracy: Unknown</p>	A13SE (SE)	137	2	412652 415359
40	<p><b>Registered Radioactive Substances</b></p> <p>Name: Calderdale And Huddersfield Nhs Trust (Huddersfield Royal Infirmary)            Location: St Lukes Hospital, Blackmoorfoot Road, Crosland Moor, HUDDERSFIELD, West Yorkshire, HD4 7AF            Authority: Environment Agency, North East Region            Permit Reference: AN2099            Dated: 16th November 1994            Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)            Description: Substantial variation to authorisation under RSA  <b>Status: Authorisation either revoked or cancelled</b>            Positional Accuracy: Unknown</p>	A13SE (SE)	140	2	412657 415359
	<p><b>River Quality</b></p> <p>Name: River_Colne            GQA Grade: River Quality B            Reach: Longwood_Beck_River_Holm            Estimated Distance (km): 3.1            Flow Rate: Flow less than 1.25 cumecs            Flow Type: River            Year: 2000</p>	A13NW (NW)	305	2	412388 415845
	<p><b>River Quality</b></p> <p>Name: Huddersfield_Narrow_Canal            GQA Grade: River Quality B            Reach: Standedge_Tunnel_Milnsbridg            Estimated Distance (km): 11.5            Flow Rate: Flow greater than 80 cumecs            Flow Type: Canal            Year: 2000</p>	A18SW (NW)	395	2	412315 415909
	<p><b>River Quality</b></p> <p>Name: Huddersfield_Narrow_Canal            GQA Grade: River Quality B            Reach: Milnsbridge_Universit            Estimated Distance (km): 3.8            Flow Rate: Flow greater than 80 cumecs            Flow Type: Canal            Year: 2000</p>	A19SW (NE)	824	2	413177 416100
	<p><b>River Quality</b></p> <p>Name: River_Colne            GQA Grade: River Quality B            Reach: Hoyle_House_Brook_Longwood_Bec            Estimated Distance (km): 2.7            Flow Rate: Flow less than 1.25 cumecs            Flow Type: River            Year: 2000</p>	A17SW (NW)	919	2	411637 415905
	<p><b>River Quality</b></p> <p>Name: Longwood_Beck            GQA Grade: River Quality B            Reach: Longwood_River_Coln            Estimated Distance (km): 1.1            Flow Rate: Flow less than 0.31 cumecs            Flow Type: River            Year: 2000</p>	A17SW (NW)	968	2	411598 415938



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 7th July 2009 Incident Reference: 695839 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Gas And Fuel Oils	A17SE (NW)	448	2	412205 415901
41	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 16th July 2009 Incident Reference: 698501 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils - Diesel (Including Agricultural)	A17SE (NW)	457	2	412194 415904
42	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 19th October 2001 Incident Reference: 37840 Water Impact: Category 4 - No Impact Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: General Biodegradable : Other	A17SE (NW)	806	2	411877 416080
43	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 30th September 2005 Incident Reference: 350213 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 100m Pollutant: Inert Materials And Wastes: Soils And Clay	A11SE (W)	988	2	411500 415500
44	<b>Water Abstractions</b> Operator: John Gladstone (Dyers & Finishers) Ltd Licence Number: 2/27/11/038 Permit Version: 103 Location: Catchpit - Milnsbridge Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Union Mills, Milnsbridge, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th June 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	322	2	412200 415700
44	<b>Water Abstractions</b> Operator: John Gladstone (Dyers And Finishers) Limited Licence Number: 2/27/11/038 Permit Version: 102 Location: Catchpit - Milnsbridge Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Union Mills, Milnsbridge, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th October 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	322	2	412200 415700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	<p><b>Water Abstractions</b></p> <p>Operator: Ska Property Management Company Limited  Licence Number: 2/27/11/038  Permit Version: 101  Location: Catchpit - Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Union Mills, Milnsbridge, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 28th February 2001  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	322	2	412200 415700
45	<p><b>Water Abstractions</b></p> <p>Operator: John Gladstone (Dyers &amp; Finishers) Ltd  Licence Number: 2/27/11/037  Permit Version: 102  Location: Borehole - Millstone Grit - Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Union Mills, Milnsbridge, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 11th October 2002  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	459	2	412100 415800
45	<p><b>Water Abstractions</b></p> <p>Operator: Ska Property Management Company Limited  Licence Number: 2/27/11/037  Permit Version: 101  Location: Borehole - Millstone Grit - Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Union Mills, Milnsbridge, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 28th February 2001  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	459	2	412100 415800
45	<p><b>Water Abstractions</b></p> <p>Operator: John Crowther &amp; Sons (Milnsbridge) Ltd  Licence Number: 2/27/11/037  Permit Version: 100  Location: Borehole  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): 1296  Yearly Rate (m3): 454600  Details: Union Mills, Milnsbridge, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 20th January 1966  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	459	2	412100 415800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<p><b>Water Abstractions</b></p> <p>Operator: John Crowther &amp; Sons (Milnsbridge) Ltd  Licence Number: 2/27/11/038  Permit Version: 100  Location: Catchpit - Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): 273  Yearly Rate (m3): 90920  Details: Union Mills, Milnsbridge, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 20th January 1966  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	459	2	412100 415800
46	<p><b>Water Abstractions</b></p> <p>Operator: British Waterways Board  Licence Number: 2/27/11/148  Permit Version: 100  Location: Huddersfield Canal  Authority: Environment Agency, North East Region  Abstraction: Machinery And Electronics: General Use (Low Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): 32  Yearly Rate (m3): 455  Details: Wm Arnold &amp; Sons (Huddersfield) Limited, Birkhouse Boiler Works, Paddock, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 8th October 1979  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	501	2	412800 416000
47	<p><b>Water Abstractions</b></p> <p>Operator: Mns Textiles Ltd  Licence Number: Ne/027/0011/017  Permit Version: 1  Location: Borehole - Coal Measures - Tnayard Rd - Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 28th July 2014  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	504	2	412077 415847
48	<p><b>Water Abstractions</b></p> <p>Operator: British Waterways Board  Licence Number: 2/27/11/144  Permit Version: 100  Location: Huddersfield Canal  Authority: Environment Agency, North East Region  Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): 0  Yearly Rate (m3): 454600  Details: Premises Of J. Crowther &amp; Son, Milnsbridge Ltd, Milnsbridge  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 17th March 1980  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	519	2	412100 415900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	<p><b>Water Abstractions</b></p> <p>Operator: British Waterways Board  Licence Number: 2/27/11/144  Permit Version: 100  Location: Huddersfield Canal - Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Premises Of J. Crowther &amp; Son, Milnsbridge Ltd, Milnsbridge  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 17th March 1980  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	519	2	412100 415900
49	<p><b>Water Abstractions</b></p> <p>Operator: Milnsbridge Dyeing Company Ltd; Fishpond Dyeworks; Milnsbridge; Huddersfield  Licence Number: 2/27/11/044  Permit Version: Not Supplied  Location: Fishpond Dyeworks, Milnsbridge, HUDDERSFIELD  Authority: Environment Agency, North East Region  Abstraction: General Industrial  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 455  Yearly Rate (m3): 136380  Details: Millstone Grit 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>	A17SE (NW)	531	2	412200 416000
50	<p><b>Water Abstractions</b></p> <p>Operator: Yorkshire Wool Dyeing Co Ltd  Licence Number: 2/27/11/036(G)  Permit Version: 100  Location: Borehole - Coal Measures - Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: George Street Mills, Milnsbridge, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st September 1998  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	819	2	411800 416000
50	<p><b>Water Abstractions</b></p> <p>Operator: Yorkshire Wool Dyeing Company Limited  Licence Number: 2/27/11/036(G)  Permit Version: 100  Location: Borehole - Coal Measures Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: George Street Mills, Milnsbridge, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st September 1998  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	819	2	411800 416000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<p><b>Water Abstractions</b></p> <p>Operator: Yorkshire Wool Dyeing Co Ltd  Licence Number: 2/27/11/036  Permit Version: 2  Location: River Colne - Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 20th August 2014  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	879	2	411717 415978
51	<p><b>Water Abstractions</b></p> <p>Operator: Yorkshire Wool Dyeing Co Ltd  Licence Number: 2/27/11/036(S)  Permit Version: 100  Location: River Colne - Milnsbridge  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): 274  Yearly Rate (m3): 68190  Details: George Street Mills, Milnsbridge, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st September 1998  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	905	2	411700 416000
52	<p><b>Water Abstractions</b></p> <p>Operator: British Waterways Board;  Licence Number: 2/27/11/141  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): 0  Yearly Rate (m3): 227  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>	A12NW (W)	920	2	411600 415800
53	<p><b>Water Abstractions</b></p> <p>Operator: Parkland Textiles Ltd  Licence Number: 2/27/10/061  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): 1040  Yearly Rate (m3): 152300  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>	A9SW (SE)	956	2	413110 414680



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	<p><b>Water Abstractions</b></p> <p>Operator: Bass Brewers (Tadcaster)  Licence Number: 2/27/10/008  Permit Version: 100  Location: Borehole  Authority: Environment Agency, North East Region  Abstraction: Breweries/Wine: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): 55  Yearly Rate (m3): 9092  Details: Lockwood Brewery  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 8th July 1970  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	991	2	413400 414900
	<p><b>Water Abstractions</b></p> <p>Operator: Huddersfield Rugby Union Football Club Ltd  Licence Number: 2/27/10/126/R01  Permit Version: 1  Location: River Holme - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Huddersfield Rugby Union Football Club, Lockwood Park, Meltham Road, Lockwood, Huddersfield  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 1st April 2019  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	1028	2	413120 414600
	<p><b>Water Abstractions</b></p> <p>Operator: Park Valley Huddersfield Ltd  Licence Number: 2/27/10/069  Permit Version: 105  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Food And Drink: Water Bottling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 23rd May 2018  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A4NW (S)	1117	2	412900 414400
	<p><b>Water Abstractions</b></p> <p>Operator: Park Valley Huddersfield Ltd  Licence Number: 2/27/10/069  Permit Version: 105  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 23rd May 2018  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A4NW (S)	1117	2	412900 414400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Holmfirth Dyers Ltd  Licence Number: 2/27/10/069  Permit Version: 104  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 21st March 2011  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A4NW (S)	1117	2	412900 414400
	<p><b>Water Abstractions</b></p> <p>Operator: Holmfirth Dyers Ltd  Licence Number: 2/27/10/069  Permit Version: 104  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Food And Drink: Water Bottling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 21st March 2011  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A4NW (S)	1117	2	412900 414400
	<p><b>Water Abstractions</b></p> <p>Operator: Paul Speak Business Centres Ltd  Licence Number: 2/27/10/069  Permit Version: 103  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Food And Drink: Water Bottling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 27th May 2002  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A4NW (S)	1117	2	412900 414400
	<p><b>Water Abstractions</b></p> <p>Operator: Paul Speak Business Centres Ltd  Licence Number: 2/27/10/069  Permit Version: 103  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 27th May 2002  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A4NW (S)	1117	2	412900 414400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Parkland Holdings Ltd  Licence Number: 2/27/10/069  Permit Version: 102  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Food And Drink: Water Bottling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 11th June 2001  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A4NW (S)	1117	2	412900 414400
	<p><b>Water Abstractions</b></p> <p>Operator: Parkland Holdings Ltd  Licence Number: 2/27/10/069  Permit Version: 102  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 11th June 2001  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A4NW (S)	1117	2	412900 414400
	<p><b>Water Abstractions</b></p> <p>Operator: Parkland Fabrics Limited  Licence Number: 2/27/10/069  Permit Version: 101  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Food And Drink: Water Bottling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): 1818  Yearly Rate (m3): 454600  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 8th May 2000  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A4NW (S)	1117	2	412900 414400
	<p><b>Water Abstractions</b></p> <p>Operator: Parkland Fabrics Limited  Licence Number: 2/27/10/069  Permit Version: 101  Location: Boreholes X2 - Millstone Grit - Lockwood  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Park Valley Mills, Lockwood, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 8th May 2000  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A4NW (S)	1117	2	412900 414400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Huddersfield Rugby Union Football Club            Licence Number: 2/27/10/126            Permit Version: 1            Location: River Holme - Lockwood            Authority: Environment Agency, North East Region            Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct            Abstraction Type: Water may be abstracted from a single point            Source: Surface            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Huddersfield Rugby Union Football Club, Lockwood Park, Meltham Road, Lockwood, Huddersfield            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 1st January 2007            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A4NW (SE)	1156	2	413200 414500
	<p><b>Water Abstractions</b></p> <p>Operator: Huddersfield Rugby Union Football Club            Licence Number: 2/27/10/121            Permit Version: 101            Location: River Holme            Authority: Environment Agency, North East Region            Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct            Abstraction Type: Water may be abstracted from a single point            Source: Surface            Daily Rate (m3): 136            Yearly Rate (m3): 7208            Details: Huddersfield Rugby Union Football Club, Lockwood Park, Meltham Road, Lockwood, Huddersfield            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 11th January 2000            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A4NW (SE)	1156	2	413200 414500
	<p><b>Water Abstractions</b></p> <p>Operator: Johnsons Wellfield Quarries Ltd            Licence Number: 2/27/10/124            Permit Version: 1            Location: Borehole- Millstone Grit - Wellfield Quarry            Authority: Environment Agency, North East Region            Abstraction: Mineral Products: Make-Up Or Top Up Water            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Johnsons Wellfield Quarry, Crosland Hill, Huddersfield, West Yorkshire            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 2nd January 2001            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A7SW (SW)	1186	2	411700 414630
	<p><b>Water Abstractions</b></p> <p>Operator: Parkland Textiles Ltd            Licence Number: 2/27/10/007            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): 364            Yearly Rate (m3): 90920            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>	A15SW (E)	1256	2	413840 415260



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Ska Textiles Ltd  Licence Number: Ne/027/0011/006  Permit Version: 1  Location: Borehole-Millstone Grit-Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: Process Water  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: St Thomas Road,Huddersfield  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 6th January 2011  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A20SW (E)	1307	2	413794 416036
	<p><b>Water Abstractions</b></p> <p>Operator: H H Seddon &amp; Sons Ltd  Licence Number: 2/27/10/002  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): 182  Yearly Rate (m3): 63640  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>	A15SE (E)	1308	2	413900 415300
	<p><b>Water Abstractions</b></p> <p>Operator: Eddie &amp; Bessie E Firth &amp; Jacqueline M &amp; John G Walker  Licence Number: 2/27/11/169  Permit Version: 100  Location: Tributary Of Longwood Brook  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): 350  Yearly Rate (m3): 20000  Details: Cliffe End Mills, Dale Street, Longwood, Huddersfield  Authorised Start: 01 April  Authorised End: 30 September  Permit Start Date: 20th April 1990  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A16NE (NW)	1318	2	411400 416300
	<p><b>Water Abstractions</b></p> <p>Operator: Eddie &amp; Bessie E Firth &amp; Jacqueline M &amp; John G Walker  Licence Number: 2/27/11/169  Permit Version: 100  Location: Tributary Of Longwood Brook  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Cliffe End Mills, Dale Street, Longwood, Huddersfield  Authorised Start: 01 October  Authorised End: 31 March  Permit Start Date: 20th April 1990  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A16NE (NW)	1318	2	411400 416300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Ska Textiles Ltd  Licence Number: 2/27/11/190  Permit Version: 2  Location: Borehole-Millstone Grit-Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: Process Water  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: St Thomas Road,Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 18th April 2006  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A20SW (NE)	1371	2	413830 416110
	<p><b>Water Abstractions</b></p> <p>Operator: Ska Textiles Ltd  Licence Number: 2/27/11/190  Permit Version: 1  Location: Borehole-Millstone Grit-Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: Process Water  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: St Thomas Road,Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 4th February 2005  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A20SW (NE)	1371	2	413830 416110
	<p><b>Water Abstractions</b></p> <p>Operator: British Waterways Board;  Licence Number: 2/27/11/145  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): 0  Yearly Rate (m3): 18184  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>	A11NW (W)	1394	2	411100 415700
	<p><b>Water Abstractions</b></p> <p>Operator: Colne Vale Dye &amp; Chemical Company Ltd  Licence Number: 2/27/11/009  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, North East Region  Abstraction: General Industrial  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 45  Yearly Rate (m3): 11365  Details: Millstone Grit 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>	A11NW (W)	1408	2	411100 415800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: British Waterways Board  Licence Number: 2/27/11/143  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): 0  Yearly Rate (m3): 81828  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>	A20NE (NE)	1475	2	413900 416200
	<p><b>Water Abstractions</b></p> <p>Operator: Brierley Bros Ltd  Licence Number: 2/27/10/044  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): 59  Yearly Rate (m3): 10150  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>	A15NE (E)	1498	2	414100 415600
	<p><b>Water Abstractions</b></p> <p>Operator: E J Clay Ltd  Licence Number: 2/27/10/012  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): 773  Yearly Rate (m3): 181840  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>	A15NE (E)	1508	2	414100 415700
	<p><b>Water Abstractions</b></p> <p>Operator: Taylor &amp; Lodge Ltd  Licence Number: 2/27/10/009  Permit Version: 100  Location: River Holme - Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): 327  Yearly Rate (m3): 54552  Details: Rushcliffe Mills, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st December 1965  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A15NE (E)	1624	2	414200 415800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: A T C Fine Worsted Division Ltd  Licence Number: 2/27/11/048  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, North East Region  Abstraction: Unclassified (Other)  Abstraction Type: Not Supplied  Source: Surface  Daily Rate (m3): 68  Yearly Rate (m3): 727  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>	A20SE (E)	1660	2	414180 416020
	<p><b>Water Abstractions</b></p> <p>Operator: A T C Fine Worsted Division Ltd  Licence Number: 2/27/11/049  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, North East Region  Abstraction: Cooling/Gen Ind.  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 1500  Yearly Rate (m3): 105000  Details: Millstone Grit 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>	A20SE (E)	1664	2	414190 416000
	<p><b>Water Abstractions</b></p> <p>Operator: Wooltex Uk Ltd  Licence Number: Ne/027/0011/018  Permit Version: 3  Location: Borehole - Coal Measures - Woodland Mill  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: Process Water  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 16th July 2019  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A16NW (NW)	1678	2	411097 416494
	<p><b>Water Abstractions</b></p> <p>Operator: Wooltex Uk Ltd  Licence Number: Ne/027/0011/018  Permit Version: 2  Location: Borehole - Coal Measures - Woodland Mill  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: Process Water  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 13th November 2018  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A16NW (NW)	1678	2	411097 416494



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Wooltex Uk Ltd  Licence Number: Ne/027/0011/018  Permit Version: 1  Location: Borehole - Coal Measures - Woodland Mill  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: Process Water  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 24th October 2017  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A16NW (NW)	1678	2	411097 416494
	<p><b>Water Abstractions</b></p> <p>Operator: Canal And River Trust  Licence Number: Ne/027/0011/011  Permit Version: 1  Location: Huddersfield Narrow Canal  Authority: Environment Agency, North East Region  Abstraction: Research Non-University/College: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 24th April 2012  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A20SE (E)	1682	2	414179 416087
	<p><b>Water Abstractions</b></p> <p>Operator: Dunsley Engineers Ltd  Licence Number: 2/27/10/029  Permit Version: 100  Location: Hebble Dyke  Authority: Environment Agency, North East Region  Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): 3  Yearly Rate (m3): 941  Details: Bridge Mills,Huddersfield Road,Holmfirth,Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 29th June 1988  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A5NW (SE)	1687	2	413800 414300
	<p><b>Water Abstractions</b></p> <p>Operator: Dunsley Engineers Ltd  Licence Number: 2/27/10/029  Permit Version: 100  Location: Hebble Dyke  Authority: Environment Agency, North East Region  Abstraction: Metal: General Use Relating To Secondary Category (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Bridge Mills,Huddersfield Road,Holmfirth,Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 29th June 1988  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A5NW (SE)	1687	2	413800 414300



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: John Brooke &amp; Sons Holdings Ltd  Licence Number: 2/27/10/089  Permit Version: 100  Location: Dean Clough - Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Textiles &amp; Leather: Drinking, Cooking, Sanitary, Washing, (Small Garden)  Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints  Source: Surface  Daily Rate (m3): 76  Yearly Rate (m3): 17638  Details: Armitage Bridge Mills, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 27th July 1982  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	(S)	1721	2	413000 413800
	<p><b>Water Abstractions</b></p> <p>Operator: John Brooke &amp; Sons Holdings Ltd  Licence Number: 2/27/10/089  Permit Version: 100  Location: Dean Clough - Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Armitage Bridge Mills, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 27th July 1982  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	(S)	1721	2	413000 413800
	<p><b>Water Abstractions</b></p> <p>Operator: Eldon Combing Company Ltd  Licence Number: 2/27/11/026  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, North East Region  Abstraction: General Industrial  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 218  Yearly Rate (m3): 56734  Details: Millstone Grit 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>	(E)	1742	2	414300 415900
	<p><b>Water Abstractions</b></p> <p>Operator: Crosland Heath Golf Club Ltd  Licence Number: 2/27/10/122  Permit Version: 100  Location: Borehole  Authority: Environment Agency, North East Region  Abstraction: Golf Courses: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): 24  Yearly Rate (m3): 4000  Details: Crosland Heath Golf Club, Crosland Heath, Huddersfield  Authorised Start: 01 April  Authorised End: 31 October  Permit Start Date: 27th November 1997  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A1NE (SW)	1844	2	411200 414200



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Crosland Heath Golf Club Ltd  Licence Number: 2/27/11/170  Permit Version: Not Supplied  Location: Crosland Heath Golf Club, Feks Stile Road, Crosland Hill, HUDDERSFIELD  Authority: Environment Agency, North East Region  Abstraction: Spray Irrigation  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 24  Yearly Rate (m3): 2200  Details: Not Supplied  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>	A1NE (SW)	1844	2	411200 414200
	<p><b>Water Abstractions</b></p> <p>Operator: Crosland Heath Golf Club Ltd  Licence Number: Ne/027/0011/005  Permit Version: 1  Location: Borehole - Millstone Grit- Crosland Heath - Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Golf Courses: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 1st November 2010  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A1NW (SW)	1852	2	411100 414300
	<p><b>Water Abstractions</b></p> <p>Operator: Crosland Heath Golf Club Ltd  Licence Number: 2/27/10/122  Permit Version: 101  Location: Borehole - Millstone Grit- Crosland Heath - Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Golf Courses: Spray Irrigation - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Crosland Heath Golf Club, Crosland Heath, Huddersfield  Authorised Start: 01 April  Authorised End: 31 October  Permit Start Date: 2nd January 2001  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A1NW (SW)	1852	2	411100 414300
	<p><b>Water Abstractions</b></p> <p>Operator: Ska Textiles Ltd  Licence Number: 2/27/11/176  Permit Version: 101  Location: Borehole - Coal Measures - Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Textiles And Leather: General Use (Medium Loss)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Commercial Mills, Firth Street, Huddersfield  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 8th February 2001  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	(E)	1865	2	414400 416000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Canal And River Trust  Licence Number: Ne/027/0011/021  Permit Version: 2  Location: Britannia Bridge, Holme Mills, Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Navigation: Supply to a Canal for Throughflow  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 March  Authorised End: 30 September  Permit Start Date: 15th October 2021  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	(W)	1866	2	410621 415613
	<p><b>Water Abstractions</b></p> <p>Operator: Canal And River Trust  Licence Number: Ne/027/0011/021  Permit Version: 1  Location: Britannia Bridge, Holme Mills, Huddersfield  Authority: Environment Agency, North East Region  Abstraction: Navigation: Supply to a Canal for Throughflow  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 March  Authorised End: 30 September  Permit Start Date: 26th March 2021  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	(W)	1866	2	410621 415613
	<p><b>Water Abstractions</b></p> <p>Operator: James Haigh Ltd  Licence Number: 2/27/11/055  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): 909  Yearly Rate (m3): 227300  Details: Licence Lapsed  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>	(E)	1918	2	414500 415795
	<p><b>Water Abstractions</b></p> <p>Operator: James Haigh Ltd  Licence Number: 2/27/11/056  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, North East Region  Abstraction: General Industrial  Abstraction Type: Not Supplied  Source: Groundwater  Daily Rate (m3): 909  Yearly Rate (m3): 27276  Details: Millstone Grit Licence Lapsed  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>	(E)	1919	2	414500 415800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: T E Newsholme Ltd Licence Number: 2/27/11/186 Permit Version: 1 Location: Borehole - Millstone Grit- Oakes Authority: Environment Agency, North East Region Abstraction: Food And Drink: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Area Of Land At New Hay Road, Oakes, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th June 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1937	2	411940 417420
	<b>Water Abstractions</b> Operator: Bates & Company (Huddersfield) Ltd Licence Number: 2/27/11/025 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 136 Yearly Rate (m3): 31822 Details: Coal Measures 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	(NE)	1968	2	414400 416300
	<b>Groundwater Vulnerability Map</b> 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: >550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SW (N)	0	4	412544 415519
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13SW (N)	0	4	412544 415519
	<b>Superficial Aquifer Designations</b> No Data Available				
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NW (NW)	314	5	412262 415773
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NW (NW)	322	5	412246 415768
57	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NW (NW)	323	5	412250 415774
58	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NW (NW)	324	5	412253 415777
59	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NW (NW)	325	5	412251 415777
60	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 398.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A18SW (N)	352	5	412516 415928
61	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A18SE (N)	363	5	412577 415936
62	<b>OS Water Network Lines</b> Watercourse Form: Transfer Watercourse Length: 45.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 2	A18SE (N)	363	5	412577 415936
63	<b>OS Water Network Lines</b> Watercourse Form: Lock or flight of locks Watercourse Length: 25.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A18SE (N)	364	5	412582 415937



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A18SE (N)	373	5	412607 415941
65	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 254.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A18SE (N)	375	5	412615 415943
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 742.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 1	A18SW (NW)	388	5	412356 415922
67	<b>OS Water Network Lines</b> Watercourse Form: Transfer Watercourse Length: 48.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 2	A17SE (NW)	434	5	412188 415868
68	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A17SE (NW)	434	5	412188 415868
69	<b>OS Water Network Lines</b> Watercourse Form: Lock or flight of locks Watercourse Length: 22.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A17SE (NW)	439	5	412177 415865
70	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A17SE (NW)	450	5	412156 415859
71	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 111.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NE (NW)	457	5	412144 415856
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 86.1 Watercourse Level: Underground Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 1	A17SE (NW)	488	5	412184 415936



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	<b>OS Water Network Lines</b> Watercourse Form: Lock or flight of locks Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NE (NW)	522	5	412038 415821
74	<b>OS Water Network Lines</b> Watercourse Form: Transfer Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 2	A18SE (NE)	528	5	412865 415987
75	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 515.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A18SE (NE)	528	5	412865 415987
76	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 194.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NE (NW)	539	5	412015 415814
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 639.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 1	A18SE (NE)	541	5	412863 416005
78	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 119.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 1	A17SE (NW)	566	5	412105 415972
79	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 348.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 1	A17SE (NW)	645	5	411931 415881
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 63.4 Watercourse Level: Underground Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 1	A17SE (NW)	665	5	411971 415973
81	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	686	5	411801 415588



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	700	5	411787 415584
83	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 25.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	705	5	411825 415799
84	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 36.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	705	5	411825 415799
85	<b>OS Water Network Lines</b> Watercourse Form: Transfer Watercourse Length: 56.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 2	A12NW (W)	728	5	411800 415797
86	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	728	5	411800 415797
87	<b>OS Water Network Lines</b> Watercourse Form: Lock or flight of locks Watercourse Length: 23.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	738	5	411791 415800
88	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	761	5	411768 415805
89	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 65.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	769	5	411760 415806
90	<b>OS Water Network Lines</b> Watercourse Form: Lock or flight of locks Watercourse Length: 23.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	834	5	411695 415816



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 52.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	857	5	411671 415818
92	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 37.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 2	A17SW (NW)	864	5	411717 415948
93	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	864	5	411717 415948
94	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 67.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	897	5	411694 415972
95	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	908	5	411620 415823
96	<b>OS Water Network Lines</b> Watercourse Form: Transfer Watercourse Length: 49.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 2	A12NW (W)	908	5	411620 415823
97	<b>OS Water Network Lines</b> Watercourse Form: Lock or flight of locks Watercourse Length: 23.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	919	5	411608 415824
98	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	942	5	411585 415826
99	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 469.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A12NW (W)	948	5	411578 415827



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 15.0 Watercourse Level: suspendedOrElevated Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A19SE (NE)	953	5	413363 416071
101	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 163.2 Watercourse Level: Underground Permanent: True Watercourse Name: Longwood Brook Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	961	5	411630 415988
102	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 181.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	961	5	411630 415988
103	<b>OS Water Network Lines</b> Watercourse Form: Lock or flight of locks Watercourse Length: 21.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A19SE (NE)	968	5	413372 416084
104	<b>OS Water Network Lines</b> Watercourse Form: Canal Watercourse Length: 190.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Huddersfield Narrow Canal Catchment Name: Mersey Primacy: 1	A19SE (NE)	988	5	413384 416102
105	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 69.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NE (SE)	996	5	413444 414955

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	<p><b>BGS Recorded Landfill Sites</b></p> <p>Site Name: Quarry Road            Location: Grosland Hill, HUDDERSFIELD, West Yorkshire            Authority: British Geological Survey, National Geoscience Information Service            Ground Water: No threat to ground water            Surface Water: No threat to surface water            Geology: N/A            Positional Accuracy: Positioned by the supplier            Boundary Accuracy: Moderate</p>	A12SW (W)	953	-	411592 415210
107	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Walpole Road, Crosland Moor            Name: Dry Clough            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHL35045            First Input Date: 1st January 1968            Last Input Date: 31st December 1974            Specified Waste: Deposited Waste included Inert and Commercial Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: Not Supplied            BGS Ref: Not Supplied            Other Ref: Not Supplied</p>	A13SE (S)	230	2	412593 415237
108	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Kirklees Metropolitan Borough Council            Location: Stoney Battery Road, Huddersfield, Milns Bridge            Name: Land West of Tinker Grayson Production Unit            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHL04172            First Input Date: 31st March 1990            Last Input Date: 31st December 1992            Specified Waste: Deposited Waste included Inert and Industrial Waste, and Liquid Sludge            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: 4700/0821            BGS Ref: Not Supplied            Other Ref: 785</p>	A18SW (N)	365	2	412495 415939
109	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Crosland Hill            Name: Hob Lane            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHL35047            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: Not Supplied</p>	A7NE (SW)	755	2	411925 415023
110	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Deep Lane, Crosland Moor            Name: Town Quarry            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHL35050            First Input Date: 21st August 1967            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: Not Supplied</p>	A12SW (W)	883	2	411643 415279

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Meltham Road, Lockwood, Huddersfield            Name: Allotments            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD35054            First Input Date: Not Supplied            Last Input Date: Not Supplied            Specified Waste: Deposited Waste included Household Waste            Type:            EA Waste Ref: 0            Regis Ref: Not Supplied            WRC Ref: Not Supplied            BGS Ref: Not Supplied            Other Ref: Not Supplied</p>	A9SW (SE)	922	2	413128 414731
112	<p><b>Historical Landfill Sites</b></p> <p>Licence Holder: Not Supplied            Location: Grosland Hill, Huddersfield, West Yorkshire            Name: Quarry Road            Operator Location: Not Supplied            Boundary Accuracy: As Supplied            Provider Reference: EAHLD31603            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: 1332            Other Ref: Not Supplied</p>	A12SW (W)	952	2	411593 415211
113	<p><b>Licensed Waste Management Facilities (Landfill Boundaries)</b></p> <p>Name: Wellfield Quarry Landfill            Licence Number: 210059            Location: Wellfield Quarry, Blackmoorfoot Road, Crosland Hill, Huddersfield, West Yorkshire, HD4 7AB            Licence Holder: Johnsons Wellfield Quarries Limited            Authority: Environment Agency - North East Region, Yorkshire Area            Site Category: Inert LF            Max Input Rate: Not Supplied  <b>Licence Status: Modified</b>            Issued: 9th June 2006            Positional Accuracy: Positioned by the supplier            Boundary Accuracy: As Supplied</p>	A7SE (SW)	909	2	411970 414762
114	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 102728            Location: Land / Premises At, Stoney Battery Road, Paddock, Huddersfield, West Yorkshire, HD4 5AA            Operator Name: P P Recycling Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, Yorkshire Area            Site Category: HCl Waste TS + treatment  <b>Licence Status: Expired</b>            Issued: 31st May 2011            Last Modified: Not Supplied            Expires: 3rd January 2017            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	660	2	413066 415977
115	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 102433            Location: Leader Distribution, Colne Side Business Park, George Street, Milnsbridge, West Yorkshire, HD3 4DJ            Operator Name: Wisser Recycling Limited            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, Yorkshire Area            Site Category: Metal Recycling Sites (Mixed)  <b>Licence Status: Modified</b>            Issued: 4th July 2011            Last Modified: 20th January 2021            Expires: Not Supplied            Suspended: Not Supplied            Revoked: Not Supplied            Surrendered: Not Supplied            IPPC Reference: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	781	2	411841 415992

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	<p><b>Licensed Waste Management Facilities (Locations)</b></p> <p>Licence Number: 61012            Location: Land/premises At, George Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Operator Name: W H Robinson Ltd            Operator Location: Not Supplied            Authority: Environment Agency - North East Region, Yorkshire Area            Site Category: Metal Recycling Sites (Mixed)  <b>Licence Status: Expired</b>            Issued: 7th July 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 10m</p>	A17SW (NW)	884	2	411732 416013
	<p><b>Local Authority Landfill Coverage</b></p> <p>Name: Kirklees Metropolitan Borough Council            - Has not been able to supply Landfill data</p>		0	6	412544 415519
117	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Kirklees M.C.            Licence Reference: 785            Site Location: Scooney Battery Road, Milnsbridge, Huddersfield, West Yorkshire            Licence Easting: 412450            Licence Northing: 415960            Operator Location: Colne Valley Works, Manchester Road, LINTHWAITE, West Yorkshire, HD1 2JR            Authority: Environment Agency - North East Region, Ridings Area            Site Category: Landfill            Max Input Rate: Very Small (Less than 10,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st March 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: Max. Deposit Permitted By Licence            Silt Dredged Ex Hud'Field Narrow Canal            Subsoil (Suff.To Cover Silt To 30 Cm)</p>	A18SW (N)	393	2	412450 415960
118	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: Ephraim Wood &amp; Co            Licence Reference: 1168            Site Location: Mark Bottoms Mill, Crosland Moor, Huddersfield, West Yorkshire            Operator Location: As Site Address            Authority: Environment Agency - North East Region, Ridings Area            Site Category: Storage            Max Input Rate: Very Small (Less than 10,000 tonnes per year)            Waste Source: No known restriction on source of waste            Restrictions:            Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled            Dated: 1st December 1992            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Approximate location provided by supplier            Boundary Quality: Not Supplied            Authorised Waste: Max. Storage            Redundant/Rejected/Surplus Textiles            Prohibited Waste: Liable To Cause Environmental Hazards            Poisonous, Noxious, Polluting Wastes</p>	A18SE (NE)	501	2	412800 416000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	<p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: W H Robinson Ltd            Licence Reference: 937            Site Location: George Street, Milnsbridge, HUDDERSFIELD, West Yorkshire, HD3 4JF            Operator Location: As Site Address            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 known            Dated: 1st July 1992            Preceded By: Not Given            Licence:            Superseded By: Not Given            Licence:            Positional Accuracy: Manually positioned to the address or location            Boundary Quality: Not Supplied            Authorised Waste            Cable/Wiring            Ferrous Metal Scrap            Household White Goods            Mixed Scrap            Non-Ferrous Metal Scrap            Scrap Cars/Vehicles            Wet Cell Batteries - Undrained            Prohibited Waste            Poisonous, Noxious And Polluting N.O.S            Special Wastes (As In '96 Regs) N.O.S            Waste N.O.S.</p>	A17SW (NW)	888	2	411750 416050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Millstone Grit Group [See Also Migr]	A13SW (N)	0	1	412544 415519
120	<b>BGS Recorded Mineral Sites</b> Site Name: Institution Location: Crosland Moor, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 91360 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (S)	188	1	412598 415280
121	<b>BGS Recorded Mineral Sites</b> Site Name: Barton Delf Location: Paddock, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 91291 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (W)	219	1	412279 415622
122	<b>BGS Recorded Mineral Sites</b> Site Name: Paddock Brow Location: Paddock, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 91288 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (N)	220	1	412471 415787
122	<b>BGS Recorded Mineral Sites</b> Site Name: Paddock Brow Location: Paddock, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 91289 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (N)	246	1	412464 415812
123	<b>BGS Recorded Mineral Sites</b> Site Name: Paddock Brow Location: Paddock, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 91290 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NE (N)	264	1	412576 415837

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Rough Lane            Location: Crosland Moor, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91358            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	344	1	412859 415259
125	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Marsden Road Quarries            Location: Crosland Moor Bottom, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91293            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	450	1	412848 415897
125	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Marsden Road Quarries            Location: Crosland Moor Bottom, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91292            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	468	1	412830 415937
126	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Dry Clough            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91349            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	473	1	412334 415045
127	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: California Quarries            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 13869            Type: Opencast  <b>Status: Ceased</b>            Operator: Crosland Moor Stone &amp; Sand Co.            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	488	1	412000 415515
128	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Dry Clough Quarry            Location: Crosland Moor, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91359            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	497	1	412515 414970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Johnny Moore'S Hill            Location: Paddock, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91278            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	505	1	412408 416065
130	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: California Quarries            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 13868            Type: Opencast  <b>Status: Ceased</b>            Operator: Crosland Moor Stone &amp; Sand Co.            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	623	1	411870 415460
131	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Paddock            Location: Paddock, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91274            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	686	1	412886 416164
132	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Paddock Clough            Location: Paddock, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91281            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	705	1	412472 416278
133	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Royds Hall            Location: Paddock, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91279            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A18NW (NW)	735	1	412226 416244
134	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Deep Lane            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91346            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	768	1	411733 415404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Paddock Road            Location: Paddock, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91277            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	780	1	413014 416190
136	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Chapel Fields Quarry            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 13873            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	802	1	411900 414980
137	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Tom Lane            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91361            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	807	1	411736 415240
138	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: California Quarries            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 13870            Type: Opencast  <b>Status: Ceased</b>            Operator: Crosland Moor Stone &amp; Sand Co.            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	808	1	411700 415365
139	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Tom Lane Quarry            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 13871            Type: Opencast  <b>Status: Ceased</b>            Operator: William Boothroyd &amp; Sons Ltd.            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	847	1	411720 415175
140	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Dark Wood            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91313            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	898	1	411624 415294

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Firs            Location: Paddock, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91280            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	903	1	411928 416263
142	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Idle Hill Quarries            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91345            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	914	1	411668 415126
143	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Idle Hill Quarries            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91314            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	920	1	411637 415184
144	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Chapel            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91347            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	923	1	411798 414913
145	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Idle Hill Quarries            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91315            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock Flags            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	962	1	411614 415129
146	<p><b>BGS Recorded Mineral Sites</b></p> <p>Site Name: Crosland Hall            Location: Crosland Hill, Huddersfield, West Yorkshire            Source: British Geological Survey, National Geoscience Information Service            Reference: 91348            Type: Opencast  <b>Status: Ceased</b>            Operator: Unknown Operator            Operator Location: Not Supplied            Periodic Type: Carboniferous            Geology: Rough Rock            Commodity: Sandstone            Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	962	1	411797 414854

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	<b>BGS Recorded Mineral Sites</b> Site Name: Malley Hole Quarry Location: Crosland Hill, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 13872 Type: Opencast <b>Status: Ceased</b> Operator: Johnsons Wellfield Quarries Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	991	1	411615 415060
148	<b>BGS Recorded Mineral Sites</b> Site Name: Crosland Hill Quarry Location: Crosland Hill, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 13886 Type: Opencast <b>Status: Ceased</b> Operator: Wimpenny Stone Quarries Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	997	1	411870 414730
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (N)	0	-	412544 415519
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	412544 415519
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	412544 415519
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	412544 415519
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	239	1	412500 415813
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	412544 415519
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	412544 415519
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	246	1	412336 415748
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	249	1	412326 415744
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	412544 415519
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	239	1	412500 415813
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	412544 415519
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	246	1	412336 415748



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<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	A13SW (N)	0	1	412544 415519
	<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	A13SW (N)	0	1	412544 415519

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: 247 Blinds            Location: 172, Blackmoorfoot Road, Crosland Moor, Huddersfield, HD4 5RE            Classification: Blinds, Awnings &amp; Canopies  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	89	-	412565 415659
150	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: St Lukes Hospital            Location: Blackmoorfoot Road, Huddersfield, HD4 5RQ            Classification: Hospitals  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	133	-	412652 415364
150	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Renal Unit            Location: Blackmoorfoot Road, HUDDERSFIELD, HD4 5RQ            Classification: Hospitals  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	133	-	412652 415364
151	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A A A Electrical Installations            Location: 6, Ellison Street, Huddersfield, HD4 5DS            Classification: Electrical Engineers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (E)	185	-	412782 415550
152	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pg Cars            Location: 24, Ridding Street, Huddersfield, HD4 5DT            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13SE (E)	186	-	412791 415481
153	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mr Mechanic            Location: 16a, College Street, Huddersfield, HD4 5EB            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	238	-	412761 415683
153	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Huddersfield Mobile Engine Tuning            Location: 16a, College Street, Huddersfield, HD4 5EB            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	239	-	412762 415683
154	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: George Ainley &amp; Sons Ltd            Location: Pinfold Joinery Works, Park Road West, Huddersfield, HD4 5BN            Classification: Joinery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A13NW (NW)	254	-	412421 415804
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Viper Pneumatics Llp            Location: Pinfold Works, Park Road West, Huddersfield, HD4 5BN            Classification: Pneumatic Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	279	-	412333 415786
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A M Autos            Location: Pinfold Works, Park Road West, Huddersfield, West Yorkshire, HD4 5BN            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	279	-	412333 415786
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Vw Technik            Location: Pinfold Works, Park Road West, Huddersfield, HD4 5BN            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	290	-	412298 415774
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: I Canvas It            Location: 175, Blackmoorfoot Road, Crosland Moor, Huddersfield, HD4 5AP            Classification: T-Shirts  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	294	-	412796 415730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A1 Auto Services Ltd            Location: 400, Manchester Road, Crosland Moor, Huddersfield, HD4 5BW            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	298	-	412508 415873
158	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: I V S Garage Services            Location: 468, Manchester Road, Crosland Moor, Huddersfield, HD4 5BW            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	308	-	412405 415856
158	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: P W &amp; Sons Auto Centre            Location: 468, Manchester Road, Crosland Moor, Huddersfield, HD4 5BW            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	308	-	412405 415856
158	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J C Autos            Location: 468, Manchester Road, Crosland Moor, Huddersfield, West Yorkshire, HD4 5BW            Classification: Mechanical Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	308	-	412405 415856
159	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: N L Cars            Location: Manchester Rd, Huddersfield, West Yorkshire, HD4 5SF            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (NW)	320	-	412227 415741
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M H Auto Services            Location: 679, MANCHESTER ROAD, MILNSBRIDGE, HUDDERSFIELD, HD4 5SF            Classification: Mot Testing Centres  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	399	-	412107 415679
160	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Vast Specialist &amp; M O T Centre            Location: 679 Manchester Road, Huddersfield, West Yorkshire, HD4 5SF            Classification: Mot Testing Centres  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	399	-	412107 415679
161	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Spring Clean            Location: 7, Gramfield Road, Huddersfield, HD4 5QA            Classification: Carpet, Curtain &amp; Upholstery Cleaners  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	402	-	412163 415291
162	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J Bradbury &amp; Co Ltd            Location: Britannia Mills, Stoney Battery, HUDDERSFIELD, HD1 4TW            Classification: Upholstery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	404	-	412627 415968
162	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Apex Tower Systems            Location: Britannia Mills, Stoney Battery, Huddersfield, HD1 4TW            Classification: Scaffolding &amp; Work Platforms  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	404	-	412627 415968
162	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Elliott Hallas &amp; Sons Ltd            Location: Stoney Battery, Huddersfield, HD1 4TN            Classification: Belting Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	430	-	412658 415988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: T G Engineering Plastics Ltd            Location: Britannia Mills, Stoney Battery, Huddersfield, HD1 4TL            Classification: Plastic Products - Manufacturers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	445	-	412707 415986
162	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: V K B Joinery Manufacturing Ltd            Location: Britannia Mills, Stoney Battery, Huddersfield, HD1 4TL            Classification: Joinery Manufacturers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	445	-	412707 415986
163	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R A Tyre Sales            Location: 681 Manchester Road, Huddersfield, West Yorkshire, HD4 5SF            Classification: Tyre Dealers            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	452	-	412054 415685
163	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: C Potter &amp; Co            Location: 709, Manchester Road, Huddersfield, HD4 5SH            Classification: French Polishing            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NE (W)	455	-	412046 415665
164	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D B Santasalo            Location: Park Works, Park Road, Crosland Moor, Huddersfield, West Yorkshire, HD4 5DD            Classification: Gearboxes            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	456	-	413062 415476
165	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A D Marketing            Location: 22, Dryclough Road, Huddersfield, HD4 5HU            Classification: Plastics - Raw Materials            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	469	-	412248 415103
166	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Groom Launderette            Location: 56, Blackmoorfoot Road, HUDDERSFIELD, HD4 5BQ            Classification: Laundries &amp; Launderettes            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	472	-	412941 415834
167	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pegasus            Location: UNIT 24C, UNION MILLS, TANYARD ROAD, MILNSBRIDGE, HUDDERSFIELD, HD3 4NB            Classification: Coating Specialists            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	511	-	412114 415903
168	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D B Santasalo            Location: Park Works, Park Road, Crosland Moor, Huddersfield, HD4 5DD            Classification: Gearboxes            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	515	-	413116 415417
168	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Battaglia Marble &amp; Granite Ltd            Location: Battaglia Buildings, Yew Green Road, Huddersfield, West Yorkshire, HD4 5EN            Classification: Kitchen Furniture Manufacturers            Status: <b>Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A14SW (E)	518	-	413109 415367
168	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Dews Haulage            Location: Yew Green Road, Huddersfield, HD4 5EN            Classification: Road Haulage Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A14SW (E)	542	-	413138 415388

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Concept Off Site Solutions Ltd            Location: Unit 101, Union Mills, Tanyard Rd, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NB            Classification: Joinery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	525	-	412063 415863
170	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A B Gas &amp; Heating            Location: 3, Cromarty Avenue, Huddersfield, HD4 5LG            Classification: Boilers - Servicing, Replacements &amp; Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	545	-	412353 414959
171	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ramsden Bros Huddersfield Ltd            Location: Crosland Moor Mills, Blackmoorfoot Road, Huddersfield, HD4 5AH            Classification: Textile Manufacturing  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	560	-	413001 415899
171	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bargain Box            Location: Crosland Moor Mill, Manchester Road, Huddersfield, HD4 5AA            Classification: Boxes &amp; Cartons  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	560	-	413001 415899
171	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Bargain Box Co            Location: Crosland Moor Mills, Blackmoorfoot Road, Huddersfield, HD4 5AH            Classification: Boxes &amp; Cartons  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	562	-	413013 415888
172	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: P R Vans            Location: 28, West View, Paddock, Huddersfield, HD1 4TX            Classification: Commercial Vehicle Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	595	-	412729 416138
173	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Car Lot            Location: 333, Manchester Road, Huddersfield, HD4 5AA            Classification: Car Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	607	-	413024 415946
173	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Car Lot            Location: 333, Manchester Road, Huddersfield, HD4 5AA            Classification: Car Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	607	-	413024 415945
173	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Arrow Commercial Centre (Huddersfield) Ltd            Location: 333, Manchester Road, Huddersfield, HD4 5AA            Classification: Commercial Vehicle Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	607	-	413024 415946
174	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Repair Shop            Location: Unit 1, Blackmoorfoot Road, Huddersfield, West Yorkshire, HD4 5AH            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A19SW (NE)	615	-	413069 415901
174	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Thomas Brown Engineering Ltd            Location: Crosland Moor Mills, Oldfield Street, Huddersfield, HD4 5AJ            Classification: Precision Engineers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	624	-	413069 415916



## Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Time For You            Location: 37, Tom Lane, Huddersfield, HD4 5PP            Classification: Cleaning Services - Domestic  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	616	-	411940 415250
176	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Steadfast Tapes Ltd            Location: Union Mills, Tanyard Road, Milnsbridge, Huddersfield, HD3 4NB            Classification: Packaging Materials Manufacturers &amp; Suppliers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	617	-	411971 415893
177	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A A Fashion            Location: Mill Street, Huddersfield, HD4 5AT            Classification: Clothing &amp; Fabrics - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A14NW (NE)	621	-	413134 415819
178	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Martek Composites Ltd            Location: Park Works, Park Road, Crosland Moor, Huddersfield, HD4 5DD            Classification: Glass Fibre Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	643	-	413220 415304
179	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Handmade Mattress Company            Location: MILNSBRIDGE, HUDDERSFIELD, HD3 4NB            Classification: Bed &amp; Mattress Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	675	-	411922 415923
180	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Longwood Mending            Location: Tanyard Rd, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NB            Classification: Textile Manufacturing  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NE (NW)	675	-	411879 415848
180	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: H C Printers            Location: Tanyard Rd, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NB            Classification: Printers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NE (NW)	678	-	411876 415849
181	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: South View            Location: 15, South View, Paddock, Huddersfield, HD1 4UE            Classification: Blinds, Awnings &amp; Canopies  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	678	-	412585 416252
182	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Scott Brothers Enterprises Ltd            Location: Union Mill, Bankwell Road, Huddersfield, West Yorkshire, HD3 4LU            Classification: Concrete Products  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A12NW (W)	686	-	411831 415757
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bridge Glazing Systems            Location: Unit 20, George Street, Milnsbridge, Huddersfield, HD3 4JD            Classification: Aluminium Fabricators  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Yorkshire Wool Dyeing Co            Location: George Street Mills, George Street, Milnsbridge, Huddersfield, HD3 4JD            Classification: Dyers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Modern Handling Services Ltd            Location: Unit 21, George Street, Milnsbridge, Huddersfield, HD3 4JD            Classification: Materials Handling Equipment  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Flow            Location: Unit 23a,Crowthers Business Park Union Mills Tanyard Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NB            Classification: Under Floor Heating  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Almondbury Weaving            Location: Unit 28b-30, Union Mills, Tanyard Road, Milnsbridge, Huddersfield, HD3 4NB            Classification: Textile Manufacturing  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mcc Technique Ltd            Location: Unit 20, George Street Mill, George Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Control Panel Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Nepean Timbers &amp; Marble            Location: Unit 22, George Street Mill, George Street, Milnsbridge, Huddersfield, HD3 4JD            Classification: Fireplaces &amp; Mantelpieces  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Almondbury Weaving            Location: Unit 28b-30, Union Mills, Tanyard Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NB            Classification: Textile Manufacturing  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: John Gladstone &amp; Co Ltd            Location: Union Mills, George Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Dyers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Micro Engineering Ltd            Location: Union Mills,Tanyard Rd, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NB            Classification: Wire Products - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	697	-	411964 416014
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: John Gladstones Dyers &amp; Finishers Ltd            Location: Union Mills, George Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Dyers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Valley Fabrications            Location: Union Mills, Tanyard Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NB            Classification: Wrought Ironwork  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Uk Narrow Fabrics            Location: Unit 101, Union Mills, Tanyard Road, Milnsbridge, Huddersfield, HD3 4NB            Classification: Textile Manufacturing  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Waterloo Trade &amp; Retail Windows            Location: Unit 28b-30, Union Mills, Tanyard Road, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NB            Classification: PVC-U Products - Manufacturers &amp; Suppliers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bridge Aluminium Systems            Location: Unit 31, Union Mills, Tanyard Road, Milnsbridge, Huddersfield, HD3 4NB            Classification: Aluminium Fabricators  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bridge Aluminium (Huddersfield) Ltd            Location: Unit 31, Union Mills, Tanyard Road, Milnsbridge, Huddersfield, HD3 4NB            Classification: Aluminium Fabricators  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
183	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Gosling International            Location: Union Mills, Tanyard Road, Milnsbridge, Huddersfield, HD3 4NB            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	697	-	411964 416015
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Centrifuge Engineering Services            Location: South Side Works, South Street, Paddock, Huddersfield, HD1 4UG            Classification: Hydraulic Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	697	-	412494 416272
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: R V Spivey &amp; Sons            Location: Rear Of, Croft Street, Huddersfield, HD1 4UH            Classification: Engineers - General  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	697	-	412494 416272
184	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Centrifuge Engineering Services            Location: South Side Works, South Street, Paddock, Huddersfield, HD1 4UG            Classification: Hydraulic Engineers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	701	-	412490 416276
185	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wisser Recycling            Location: Pollard Street South, Milnsbridge, Huddersfield, West Yorkshire, HD3 4GU            Classification: Recycling Services  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SE (NW)	715	-	411885 415940
185	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: St Christophers Motors            Location: Tanyard Industrial Estate, Tanyard Road, Milnsbridge, Huddersfield, HD3 4NB            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A17SW (NW)	733	-	411859 415932
185	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bluebell Trading (Uk) Ltd            Location: Bridgecroft Mills, Tanyard Rd, Milnsbridge, Huddersfield, West Yorkshire, HD3 4NB            Classification: Joinery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SW (NW)	738	-	411848 415924
186	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Snake Autos            Location: Millgate, Huddersfield, HD1 4SD            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	719	-	413042 416086



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cemex Huddersfield Plant            Location: Millgate, Huddersfield, HD1 4SD            Classification: Sand, Gravel &amp; Other Aggregates  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	731	-	413075 416071
186	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cemex Ready Mix Ltd            Location: Millgate, Huddersfield, HD1 4SD            Classification: Concrete &amp; Mortar Ready Mixed  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	731	-	413075 416071
187	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clamping &amp; Connecting Products Ltd            Location: 34, Thornfield Road, Huddersfield, HD4 5HQ            Classification: Hose, Tubing &amp; Fittings  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned in the proximity of the address</p>	A9NW (SE)	725	-	413181 415050
188	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: N U Motors            Location: 274, Manchester Road, Huddersfield, HD4 5AA            Classification: Car Dealers - Used  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	729	-	413146 415989
188	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A1 24hr Breakdown Recovery            Location: 264 Manchester Rd, Huddersfield, West Yorkshire, HD4 5AA            Classification: Breakdown and Recovery  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A19SW (NE)	740	-	413174 415970
188	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tow Direct            Location: 264 Manchester Rd, Huddersfield, West Yorkshire, HD4 5AA            Classification: Breakdown and Recovery  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A19SW (NE)	740	-	413174 415970
188	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M A S Tyres            Location: 264, Manchester Road, Huddersfield, HD4 5AA            Classification: Tyre Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	741	-	413175 415970
188	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Autopaint Huddersfield            Location: Unit 3, 264, Manchester Road, Huddersfield, HD4 5AA            Classification: Car Paint &amp; Lacquer Manufacturers &amp; Suppliers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	767	-	413194 415988
188	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Sulaymani Garage            Location: Unit 4, 264, Manchester Road, Huddersfield, HD4 5AA            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	769	-	413194 415991
189	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Myhome            Location: 511A Blackmoorfoot Road, Crosland Moor, Huddersfield, West Yorkshire, HD4 5NR            Classification: Cleaning Services - Domestic  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A7NE (SW)	730	-	411986 414990
190	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Dirtlifters            Location: 2, Foster Avenue, HUDDERSFIELD, HD4 5LN            Classification: Commercial Cleaning Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	730	-	412531 414735

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
191	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cemex Huddersfield Concrete Plant Concrete Account Orders            Location: Millgate Paddock Manchester Road, Huddersfield, West Yorkshire, HD1 4SD            Classification: Concrete &amp; Mortar Ready Mixed  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A19SW (NE)	736	-	413096 416057
192	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Vale Engineering            Location: 1, Radcliffe Road, Huddersfield, HD3 4LX            Classification: Precision Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	737	-	411764 415698
192	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pennine Domestic Appliances Ltd            Location: 1b, Radcliffe Road, HUDDERSFIELD, HD3 4LX            Classification: Domestic Appliances - Servicing, Repairs &amp; Parts  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	737	-	411764 415698
192	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Centrifuge Engineering Services            Location: 1a, Radcliffe Road, Huddersfield, HD3 4LX            Classification: Hydraulic Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	737	-	411764 415698
192	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Niche Fasteners Ltd            Location: 2 Radcliffe Rd, Huddersfield, West Yorkshire, HD3 4LX            Classification: Fasteners &amp; Fixing Devices  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	746	-	411758 415714
192	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ace Security Products Ltd            Location: Unit 1a, Blakes Bus. Park, Radcliffe Rd, Miles Bridge, Huddersfield, West Yorkshire, HD3 4LX            Classification: Roller Shutter Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (W)	778	-	411724 415708
193	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Automatic Transmissions Ltd            Location: Crosland Moor Garage, Blackmoorfoot Road, Huddersfield, HD4 5AQ            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	742	-	413231 415891
193	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Premier Coachworks            Location: Crosland Moor Garage, Blackmoorfoot Road, Huddersfield, HD4 5AQ            Classification: Car Body Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	742	-	413231 415891
193	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Premier Coachworks            Location: Crosland Moor Garage, Blackmoorfoot Road, Crosland Moor, Huddersfield, West Yorkshire, HD4 5AQ            Classification: Car Body Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	752	-	413233 415907
193	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: F &amp; R Engineering Services            Location: Griffin Works, 273a, Manchester Road, Huddersfield, HD4 5AG            Classification: Engineering Machine Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	778	-	413254 415923
194	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Focus Sports &amp; Leisure International            Location: Focal Point North, Longwood Road, Huddersfield, HD3 4EY            Classification: Leisure &amp; Sportswear Manufacturers &amp; Wholesalers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	757	-	412306 416298



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cemex Huddersfield Concrete Plant Mortar Screed Sales            Location: Millgate Paddock Manchester Road, Huddersfield, West Yorkshire, HD1 4SD            Classification: Cement Manufacturers &amp; Distributors  <b>Status: Active</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A19SW (NE)	759	-	413098 416088
195	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cemex Uk            Location: Millgate Paddock, Manchester Road, Huddersfield, West Yorkshire, HD1 4SD            Classification: Concrete &amp; Mortar Ready Mixed  <b>Status: Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A19SW (NE)	781	-	413138 416079
195	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pak Poultry Ltd            Location: Millgate, Huddersfield, HD1 4SD            Classification: Abattoirs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	782	-	413138 416079
195	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Kinrich            Location: Granville Mills, Millgate, Huddersfield, HD1 4SD            Classification: Recycling Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	800	-	413141 416103
196	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Car Scraping Scrap Yards In Huddersfield            Location: Herbert Brown House, 50-52, Whiteley Street, Huddersfield, HD3 4LT            Classification: Car Breakers &amp; Dismantlers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	760	-	411754 415754
196	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Polymaster (Uk) Ltd            Location: Herbert Brown House, 50-52, Whiteley Street, Huddersfield, HD3 4LT            Classification: Cutting Tools &amp; Machinery  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	760	-	411754 415754
197	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Surface Glaze            Location: 114, Yews Hill Road, Huddersfield, HD1 3SP            Classification: Bath Resurfacing  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	763	-	413361 415599
198	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Isis 247            Location: Newhaven Business Pk, Unit 1 &amp; 7 Lowergate, Milnsbridge, Huddersfield, West Yorkshire, HD3 4HS            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17NE (NW)	771	-	412152 416248
199	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Thompson Cooling Solutions Ltd            Location: Unit 6a, Railway Sawmills, Burbeary Road, Huddersfield, HD1 3UN            Classification: Air Conditioning &amp; Refrigeration Contractors  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	773	-	413290 415132
200	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A &amp; N Motors            Location: Unit 10, Tanyard Industrial Estate, Tanyard Road, Milnsbridge, Huddersfield, HD3 4NB            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	775	-	411789 415891
200	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: E T            Location: Unit 17/19, Tanyard Industrial Estate, Tanyard Road, Milnsbridge, Huddersfield, HD3 4NB            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (NW)	781	-	411765 415853

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: F G 3 Manufacturing Northern Ltd            Location: Unit 8 Blakes Business Park, Radcliffe Road, Huddersfield, West Yorkshire, HD3 4LX            Classification: Joinery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A12NW (W)	795	-	411708 415717
202	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M N S Textiles Ltd            Location: Unit 3-4, Pollard Street South, Milnsbridge, Huddersfield, HD3 4GU            Classification: Textile Manufacturing  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	799	-	411818 415990
202	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Park Welding            Location: Unit 2 The New Mill, George Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Sheet Metal Work  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SW (NW)	799	-	411818 415990
202	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: West Wood Print Management Ltd            Location: Unit NM10, Colne Side Business Park, George St, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Printers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SW (NW)	813	-	411786 415966
202	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Uju Textiles Ltd            Location: Unit 20 Union Mills, George Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Waste Disposal Services  <b>Status: Active</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A17SW (NW)	818	-	411794 415989
203	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Treely Amazing            Location: Unit 17 Railway Sawmills, Burbeary Road, Huddersfield, West Yorkshire, HD1 3UN            Classification: Furniture - Repairing &amp; Restoring  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A9NE (SE)	804	-	413297 415080
203	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bray Building Services            Location: Unit 9 Railway Sawmills, Burbeary Road, Huddersfield, West Yorkshire, HD1 3UN            Classification: Damp &amp; Dry Rot Control  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	811	-	413301 415074
203	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Plus Foods            Location: Plus Foods Unit 1, Railway Sawmills, Burbeary Road, Huddersfield, HD1 3UN            Classification: Frozen Food Processors &amp; Distributors  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	812	-	413301 415073
203	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: We Buy Any Car            Location: Huddersfield Food Services Unit 3, Railway Sawmills, Burbeary Road, Huddersfield, HD1 3UN            Classification: Car Dealers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	812	-	413301 415073
204	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Dews Haulage Ltd            Location: Moorbottom Road, Huddersfield, HD1 3JT            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	809	-	413319 415876
205	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Lodge Joinery (Manufacturing) Ltd            Location: Bridgecroft, Huddersfield, West Yorkshire, HD3 4NF            Classification: Joinery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	820	-	411743 415899

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
205	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: T G S Motor Repairs Ltd            Location: Bridgecroft, Huddersfield, HD3 4NF            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	820	-	411743 415899
206	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Blakes Engineering Co            Location: Unit 3, Blakes Business Park, Radcliffe Road, Huddersfield, HD3 4LX            Classification: Precision Engineers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	830	-	411666 415678
206	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Footprints            Location: Unit 1, Radcliffe Road, Huddersfield, HD3 4LX            Classification: Printers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	830	-	411666 415678
206	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Huddersfield Aluminium            Location: Unit 1, Blakes Business Park, Radcliffe Road, Huddersfield, HD3 4LX            Classification: Aluminium Fabricators  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	830	-	411666 415678
206	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A D G Engineering Ltd            Location: Unit 2, Blakes Business Park, Radcliffe Road, Huddersfield, HD3 4LX            Classification: Industrial Engineers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	830	-	411666 415678
206	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: G A S Auto Centre            Location: Unit 1, Blakes Business Park, Radcliffe Road, Huddersfield, HD3 4LX            Classification: Garage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	830	-	411666 415678
206	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bee-Spoke            Location: Unit 8, Blakes Business Park, Radcliffe Road, Huddersfield, HD3 4LX            Classification: Joinery Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	863	-	411629 415653
206	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: C S Associates            Location: MILNSBRIDGE, HUDDERSFIELD, HD3 4LX            Classification: Road Haulage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	868	-	411624 415652
207	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M O C Construction            Location: 36, Armitage Road, Milnsbridge, Huddersfield, HD3 4JN            Classification: Concrete Reinforcements  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	836	-	411921 416169
208	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: G K Autos            Location: 533, Blackmoorfoot Road, Huddersfield, HD4 5NT            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	841	-	411949 414870
208	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Enkae Prestige Motors            Location: 537, Blackmoorfoot Road, Huddersfield, HD4 5NT            Classification: Car Dealers - Used  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	877	-	411927 414840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M K K Transport Ltd            Location: Unit 4, New Mill, George Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	842	-	411828 416077
209	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Connoisseur Classics Ltd            Location: UNIT 6, NEW MILL, GEORGE STREET, MILNSBRIDGE, HUDDERSFIELD, HD3 4JD            Classification: Car Body Repairs  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	842	-	411827 416076
209	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Viewled            Location: Unit 10, New Mill, George Street, Milnsbridge, Huddersfield, HD3 4JD            Classification: Lighting Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	842	-	411827 416076
209	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Anilocks            Location: George Street Mill, NM10 George St, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Mechanical Engineers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A17SW (NW)	842	-	411827 416076
210	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A-Z Tyres            Location: 7, Branch Street, Huddersfield, HD1 4JL            Classification: Tyre Dealers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	844	-	412793 416379
210	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: D B Tec Ltd            Location: 3, Branch Street, Huddersfield, HD1 4JL            Classification: Generators - Sales &amp; Service  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	846	-	412758 416392
211	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: David Bell Heating &amp; Plumbing            Location: 52, Beaumont Park Road, HUDDERSFIELD, HD4 5JP            Classification: Boilers - Servicing, Replacements &amp; Repairs  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	847	-	412784 414647
212	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: B &amp; I Engineering            Location: Hill Top Works, 16, Hill Top Road, Paddock, Huddersfield, HD1 4SQ            Classification: Motor Cycle &amp; Component Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	852	-	413164 416154
213	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Newnorth Motors            Location: 5, Northfield Avenue, Huddersfield, West Yorkshire, HD1 3SH            Classification: Car Dealers - Used  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	853	-	413457 415554
214	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clone Valley Motor Co            Location: 1 Market Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4ND            Classification: Car Dealers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A12NW (W)	854	-	411681 415837
215	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Crossgrove Associates Ltd            Location: Colne Side Business Park, George Street, Milnsbridge, Huddersfield, HD3 4JD            Classification: Boxes &amp; Cartons  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	854	-	411746 415980



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
215	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Advanced Polymers            Location: 2 George St, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Recycling Services  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SW (NW)	857	-	411757 416003
215	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mount Garage            Location: George Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	876	-	411728 415991
216	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Johnson Cooper Engineering Services Ltd            Location: 132, Woodside Road, Huddersfield, HD4 5JJ            Classification: Engineering Machine Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	865	-	412611 414602
217	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: H Pogson &amp; Son            Location: 16, Burbeary Road, Huddersfield, HD1 3UN            Classification: Engineers - General  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NE (SE)	866	-	413387 415119
217	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Independent Business Machines            Location: Burbeary Rd, Huddersfield, West Yorkshire, HD1 3UN            Classification: Photocopiers  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned to the road within the address or location</p>	A9NE (SE)	873	-	413390 415108
218	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Grange Precision Engineering Ltd            Location: Bridgecroft, Huddersfield, West Yorkshire, HD3 4NF            Classification: Precision Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	867	-	411687 415888
219	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Continental Sports Ltd            Location: Millgate, Huddersfield, HD1 4SD            Classification: Sports Equipment Manufacturers &amp; Distributors  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	868	-	413221 416117
219	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Wellfield General Engineering Co            Location: Millgate, Huddersfield, HD1 4SD            Classification: Engineers - General  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	868	-	413221 416117
219	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Floor To Ceiling Fitted Furniture            Location: Shires Hill, Huddersfield, HD1 4SE            Classification: Furniture Manufacturers - Home &amp; Office  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	908	-	413242 416153
219	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Floor To Ceiling Fitted Furniture            Location: Shires Hill, Huddersfield, West Yorkshire, HD1 4SE            Classification: Furniture Manufacturers - Home &amp; Office  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	909	-	413242 416154
219	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Nudesign            Location: Shires Hill, Huddersfield, West Yorkshire, hd1 4se            Classification: Furniture - Reproduction  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A19SE (NE)	915	-	413263 416139
220	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Bench Mark Kitchens Ltd            Location: Birkhouse Lane, Huddersfield, HD1 4SF            Classification: Kitchen Furniture Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	869	-	413276 416049

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
220	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Breg Products            Location: Tower Works, Birkhouse Lane, Huddersfield, HD1 4SF            Classification: Trolley, Truck &amp; Barrow Makers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	911	-	413324 416054
220	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Prh Fabrication            Location: Unit 13,Paddock Viaduct,Manchester Rd, Huddersfield, West Yorkshire, HD1 3JF            Classification: Wrought Ironwork  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	918	-	413355 416022
221	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: We Buy Scrap Cars            Location: 5, North Street, Lockwood, Huddersfield, HD1 3UA            Classification: Scrap Metal Merchants  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	875	-	413460 415300
222	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Royds Hall Printing Co            Location: 96, Longwood Road, Huddersfield, HD3 4EJ            Classification: Printers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	875	-	412107 416342
223	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pennine Blending Co Ltd            Location: New Street, Milnsbridge, Huddersfield, HD3 4LN            Classification: Textile Manufacturing  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	884	-	411632 415780
223	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pennine Textiles &amp; Recycling            Location: New Street, Milnsbridge, Huddersfield, HD3 4LN            Classification: Textile Manufacturing  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	884	-	411632 415780
223	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Gledhill Motors            Location: 9, New Street, Milnsbridge, Huddersfield, HD3 4LN            Classification: Garage Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	926	-	411586 415769
223	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Hardy            Location: 9a, New Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4LN            Classification: Electrical Engineers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	944	-	411567 415765
224	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Yorkshire Wool Dying Co Ltd            Location: 1, George Street, Milnsbridge, Huddersfield, West Yorkshire, HD3 4JD            Classification: Dyers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	885	-	411720 415995
224	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: N I S Building Supplies            Location: Nis Building Supplies, George Street, Huddersfield, HD3 4JD            Classification: Builders' Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	899	-	411717 416018
224	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: W H Robinson Ltd            Location: George Street, Milnsbridge, Huddersfield, HD3 4JF            Classification: Scrap Metal Merchants  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	909	-	411709 416023

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	<b>Contemporary Trade Directory Entries</b> Name: Acorn Copier Systems Location: 17, George Street, Milnsbridge, Huddersfield, HD3 4JD Classification: Photocopiers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	926	-	411676 416001
224	<b>Contemporary Trade Directory Entries</b> Name: Peter Preston Location: Armitage House, Dowker Street, Huddersfield, HD3 4JB Classification: Engineers - General <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	960	-	411661 416043
224	<b>Contemporary Trade Directory Entries</b> Name: Peace Precision Engineering Location: Armitage House, Dowker Street, Huddersfield, HD3 4JB Classification: Precision Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	960	-	411661 416043
225	<b>Contemporary Trade Directory Entries</b> Name: J M S Fabrications Location: 6, Larch Road, Huddersfield, HD1 4JH Classification: Wrought Ironwork <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	886	-	412692 416448
226	<b>Contemporary Trade Directory Entries</b> Name: Just No Limits Location: 8, Church Street, Paddock, Huddersfield, West Yorkshire, HD1 4TR Classification: Disability Equipment - Manufacturers & Suppliers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	895	-	413139 416235
227	<b>Contemporary Trade Directory Entries</b> Name: H Pennington Location: 480, Blackmoorfoot Road, Huddersfield, HD4 5NS Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	896	-	411880 414861
228	<b>Contemporary Trade Directory Entries</b> Name: Scar Lane Car Sales Location: Four Horseshoes Yard, Market Street, Milnsbridge, Huddersfield, HD3 4ND Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (W)	902	-	411641 415866
228	<b>Contemporary Trade Directory Entries</b> Name: Hastings & Henshaw Location: 9, Bridgecroft, Huddersfield, HD3 4NF Classification: Tarpaulins <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	919	-	411637 415904
228	<b>Contemporary Trade Directory Entries</b> Name: Supreme Clean Location: 13, Yates Lane, Huddersfield, West Yorkshire, HD3 4NW Classification: Dry Cleaners <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A17SW (W)	939	-	411606 415879
229	<b>Contemporary Trade Directory Entries</b> Name: Ilyas Autos Location: 98 Moorbottom Road, Huddersfield, West Yorkshire, HD1 3JT Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	908	-	413401 415930
230	<b>Contemporary Trade Directory Entries</b> Name: Dyson Electrical Engineering Location: 78, Armitage Road, Milnsbridge, Huddersfield, HD3 4JW Classification: Electrical Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	915	-	411811 416171
231	<b>Contemporary Trade Directory Entries</b> Name: Morley Brothers Huddersfield Ltd Location: Four Horseshoes Yard, Market Street, Milnsbridge, Huddersfield, HD3 4ND Classification: Sheet Metal Work <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	927	-	411610 415854

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
231	<b>Contemporary Trade Directory Entries</b> Name: Transform Office Interiors Location: Four Horse Shoes Yard, Milnsbridge, Huddersfield, HD3 4NE Classification: Office Furniture & Equipment Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12NW (W)	930	-	411605 415851
231	<b>Contemporary Trade Directory Entries</b> Name: Morley Bros Ltd Location: Four Horseshoes Yard, Huddersfield, West Yorkshire, HD3 4NE Classification: Sheet Metal Work Status: <b>Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	947	-	411587 415848
232	<b>Contemporary Trade Directory Entries</b> Name: Eldon Electricals Location: Manchester Road, Huddersfield, West Yorkshire, HD1 3JF Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	933	-	413389 416000
232	<b>Contemporary Trade Directory Entries</b> Name: Pose Location: 216, Manchester Road, Huddersfield, HD1 3JF Classification: Telecommunications Equipment & Systems Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	953	-	413410 416003
232	<b>Contemporary Trade Directory Entries</b> Name: Fashion Field Ltd Location: B, 216, Manchester Road, Huddersfield, HD1 3JF Classification: Clothing & Fabrics - Manufacturers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	962	-	413412 416017
232	<b>Contemporary Trade Directory Entries</b> Name: Autosense Location: 210, Manchester Road, Huddersfield, West Yorkshire, HD1 3JF Classification: Garage Services Status: <b>Inactive</b> Positional Accuracy: Manually positioned to an adjacent address or location	A19SE (NE)	972	-	413404 416046
233	<b>Contemporary Trade Directory Entries</b> Name: K W Cars Location: Luck Lane Service Station, Luck Lane, Huddersfield, West Yorkshire, HD1 4RB Classification: Car Dealers - Used Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	948	-	412473 416523
233	<b>Contemporary Trade Directory Entries</b> Name: Luck Lane Service Station Location: Luck Lane Service Station, Luck Lane, Huddersfield, HD1 4RB Classification: Garage Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	950	-	412476 416524
233	<b>Contemporary Trade Directory Entries</b> Name: Luck Lane Service Station Location: Luck Lane Service Station, Luck Lane, Huddersfield, HD1 4RB Classification: Garage Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	950	-	412476 416524
234	<b>Contemporary Trade Directory Entries</b> Name: Don Robinson Location: 19a, Mark Street, Huddersfield, HD1 4ST Classification: Gunsmiths Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	950	-	413074 416356
234	<b>Contemporary Trade Directory Entries</b> Name: West Yorkshire Touring Caravans Ltd Location: Mark Street,Paddock, Huddersfield, West Yorkshire, HD1 4ST Classification: Caravans - Servicing & Repairs Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	960	-	413102 416349

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
234	<b>Contemporary Trade Directory Entries</b> Name: Canneys Automobiles Ltd Location: Mark Street, Huddersfield, HD1 4ST Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	968	-	413106 416357
234	<b>Contemporary Trade Directory Entries</b> Name: A W B Commercial Refinishers Location: Mark Street, Huddersfield, West Yorkshire, HD1 4ST Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	968	-	413106 416357
234	<b>Contemporary Trade Directory Entries</b> Name: Sck Motors Location: Mark Street, Huddersfield, West Yorkshire, HD1 4ST Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	968	-	413106 416357
234	<b>Contemporary Trade Directory Entries</b> Name: Kaye S C Location: Grandstand Garage, Mark Street, Huddersfield, West Yorkshire, HD1 4ST Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	968	-	413106 416357
235	<b>Contemporary Trade Directory Entries</b> Name: Lindley Park Woodcraft Location: 136, Longwood Road, Huddersfield, HD3 4EJ Classification: Garden & Patio Furniture Manufacturers & Distributors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NE (NW)	953	-	411992 416367
236	<b>Contemporary Trade Directory Entries</b> Name: Lambert Transport Location: 3-5, Paddock Foot, Huddersfield, HD1 4RY Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	957	-	413346 416102
237	<b>Contemporary Trade Directory Entries</b> Name: Moveout Data Seismic Services Ltd Location: Lockwood House, Brewery Drive, Huddersfield, HD4 6EN Classification: Oil & Gas Exploration Supplies & Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9SE (SE)	977	-	413318 414823
238	<b>Contemporary Trade Directory Entries</b> Name: P J L Freight Solutions Ltd Location: Pjl Freight Solutions Ltd Office 3 FF, Lockwood House, Lockwood Park, Huddersfield, HD4 6EN Classification: Freight Forwarders <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	981	-	413400 414916
239	<b>Contemporary Trade Directory Entries</b> Name: David Lockwood Location: Unit 6, Dowker St, Huddersfield, West Yorkshire, HD3 4JB Classification: Wrought Ironwork <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	984	-	411658 416084
240	<b>Contemporary Trade Directory Entries</b> Name: C & K Autos Location: 181, Victoria Road, Huddersfield, HD1 3TT Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A15SW (E)	991	-	413577 415296
240	<b>Contemporary Trade Directory Entries</b> Name: Severyn Service Location: 181, Victoria Road, Huddersfield, HD1 3TT Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A15SW (E)	991	-	413577 415296



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
241	<b>Contemporary Trade Directory Entries</b> Name: Envy Fireplaces Location: 1, Morley Lane, HUDDERSFIELD, HD3 4NR Classification: Fireplaces & Mantelpieces <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	992	-	411574 415942
242	<b>Fuel Station Entries</b> Name: Ron Auto Location: Blackmoorfoot Road , Lockwood , Huddersfield, West Yorkshire, HD4 5AQ Brand: Obsolete Premises Type: Not Applicable <b>Status: Obsolete</b> Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	523	-	412994 415848
243	<b>Fuel Station Entries</b> Name: H Pennington Location: 480, Blackmoorfoot Road , Crosland Moor , Huddersfield, West Yorkshire, HD4 5NS Brand: Unbranded Premises Type: Petrol Station <b>Status: Closed</b> Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	896	-	411880 414861

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
244	<b>Areas of Adopted Green Belt</b> Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Unitary Development Plan Status: <b>Adopted</b> Plan Date: 1st March 1999	A13NW (NW)	180	9	412323 415627
245	<b>Areas of Unadopted Green Belt</b> Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Local Plan Status: <b>Submission Draft</b> Plan Date: 25th April 2017	A13NW (NW)	180	9	412323 415627
246	<b>Local Nature Reserves</b> Name: Gledholt Woods Multiple Area: N Area (m2): 94405.99 Source: Natural England Designation Date: 12th October 2005	A19NW (NE)	882	8	412910 416374

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services	June 2020 October 2017 October 2017	Annually Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - North East Region	April 2022	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	April 2022	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Kirklees Metropolitan Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	April 2014 October 2014	Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Kirklees Metropolitan Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	April 2014 October 2014	Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Kirklees Metropolitan Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	April 2014 October 2014	Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	June 2022	
<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 - North East Region	June 2016	As notified
<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 2022 April 2022	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - North East Region	July 2022	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	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
<b>Source Protection Zones</b> Environment Agency - Head Office	July 2022	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	May 2022	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	May 2022	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	May 2022	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	May 2022	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	May 2022	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2022	Quarterly
<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	April 2022	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	April 2022 April 2022	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2022 April 2022	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services	October 2018 October 2018	
<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 2022	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Kirklees Metropolitan Borough Council - Planning Services Calderdale Metropolitan Borough Council	August 2015 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Kirklees Metropolitan Borough Council - Planning Services Calderdale Metropolitan Borough Council	August 2015 February 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 Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2022	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	March 2014	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	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

<b>Industrial Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contemporary Trade Directory Entries</b> Thomson Directories	July 2022	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	June 2022	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<b>Underground Electrical Cables</b> National Grid	May 2021	Bi-Annually
<b>Sensitive Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Ancient Woodland</b> Natural England	February 2021	Bi-Annually
<b>Areas of Adopted Green Belt</b> Calderdale Metropolitan Borough Council Kirklees Metropolitan Borough Council	October 2020 October 2020	Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Calderdale Metropolitan Borough Council Kirklees Metropolitan Borough Council	October 2020 October 2020	Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	January 2021	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2021	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	January 2021	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2021	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2021	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>Kirklees Metropolitan Borough Council - Environmental Health Department</b> West Riding House, 9 Manchester Road, Huddersfield, West Yorkshire, HD1 3HH	Telephone: 01484 221000 Email: customer.relations@kirklees.gov.uk Website: www.kirklees.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>Kirklees Metropolitan Borough Council - Planning Services</b> PO BOX B93, Civic Centre III, Off Market Street, Huddersfield, West Yorkshire, HD1 2JR	Telephone: 01484 221000 Fax: 01484 221613 Website: www.kirklees.gov.uk
7	<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
8	<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
9	<b>Kirklees Metropolitan Borough Council</b> Town Hall, Civic Centre, Huddersfield, West Yorkshire, HD1 2TA	Telephone: 01484 221000 Fax: 01484 442768 Website: www.kirklees.gov.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.



## APPENDIX C

# SIRIUS SITE INVESTIGATION LETTER REPORT



**Sirius Geotechnical Ltd**  
4245 Park Approach  
Thorpe Park  
Leeds  
LS15 8GB

0113 264 9960  
www.thesiriusgroup.com

Lidl Great Britain Ltd  
Lport Unit 4  
Ontario Drive  
Doncaster  
DN11 0BF

Date: 17<sup>th</sup> September 2021

Our ref.: C9083/AMG/9688

Dear Thomas,

**Re: C9083 – Land off Blackmoorfoot Road, Huddersfield – Site Investigation Letter Report**

Further to our recent site investigation works undertaken on the site, we are pleased to report on the findings.

## **1.0 Introduction**

Sirius Geotechnical Ltd (Sirius) was commissioned by Lidl Great Britain Ltd (Lidl), to undertake a limited site investigation of land off Blackmoorfoot Road, Huddersfield (the 'site').

It is understood that the site is under consideration for development for retail use, comprising a new food store with external parking and soft landscaped areas, as shown on the Proposed Site Plan, S+SA Architects drawing ref. 6304-BRH-02, dated 01/02/2021, a copy of which is included in Appendix A.

The Proposed Site Plan shows that the finished floor level of the proposed food store is 147.75m Above Ordnance Datum (AOD), which will require ground levels to be reduced from existing throughout the footprint of the building, by c. 4 - 5m. Ground levels are also to be reduced within the proposed external car parking areas, by c. 4m adjacent to the proposed store, to c. 1m along the eastern boundary.

To accommodate the proposed changes in ground levels, retaining structures up to 4m high are proposed to the west and north-west of the proposed store, with landscaped slopes with

maximum gradient of 32.5% (18° / c. 1 in 3) beyond.

Sirius previously produced a Technical Review of Third-Party Reports / Data for the site (letter report ref. C9083/7800/NJ/NJ, dated 5<sup>th</sup> March 2021); this should be read in conjunction with this letter report for a summary of site investigation works undertaken previously by others.

This phase of site investigation is intended to inform an initial assessment of abnormal development costs and is not intended as a full geoenvironmental appraisal for submission to regulatory authorities, building warranty providers, etc.

## **2.0 Fieldworks**

Fieldworks were carried out on 25<sup>th</sup> and 26<sup>th</sup> August 2021 and comprised fourteen mechanically excavated trial pits (TP01 – TP14), to a maximum depth of 5.1m below existing ground level (bgl).

The trial pits were logged on site by a geoenvironmental engineer employed by Sirius, in accordance with British Standards BS EN ISO 14688-1&2: 2018 and BS EN ISO 14689: 2018. Detailed descriptions of strata and groundwater observations made during investigation works, together with samples recovered, are presented on the Engineer's records in Appendix B.

Drawing No. C9083/01, in Appendix A, shows the approximate locations of the trial pits in relation to the proposed site layout. The selection of trial pit locations was restricted in the western part of the site by the presence of stored building materials relating to the adjacent residential development, with the presence of buried services in the central and eastern parts of the site also acting as a constraint to selection of trial pit locations. The National Grid co-ordinates and elevation (AOD) of the trial pits were accurately surveyed using survey-grade GPS equipment, and are recorded on the trial pit logs in Appendix B.

## **3.0 Recorded Ground Conditions**

### **Made Ground**

Made ground was identified in every trial pit, to depths ranging between 0.6m and 2.9m bgl / between 147.53m and 150.21m AOD.

Intact asphalt surfacing was recorded in TP02 and TP03, to depths of 0.2m and 0.3m bgl, respectively. Buried intact asphalt surfacing was also identified in TP04 (at 0.4m bgl), TP06 (at 0.95m bgl) and TP14 (at 0.7m bgl).

Made ground comprising topsoil was encountered at the surface in TP08 and TP09 (in the north-west of the site), to depths of 0.3m and 0.4m bgl, respectively.

Below the superficial materials, the remainder of the made ground was granular in nature, mostly comprising dark brown gravelly sand with low to high cobble content, of brick, concrete and sandstone, and low to medium boulder content, of concrete. The gravel-sized material comprised mostly brick, concrete and sandstone, with varying proportions of limestone, mudstone and asphalt also recorded locally.

#### Intact Relic Substructures

An intact vertical brick wall was recorded in TP05, from 0.5m bgl, to the base of the made ground (2.9m bgl).

#### Natural Rock Strata

Intact sandstone (Rough Rock) was encountered directly beneath the made ground in every trial pit. This comprised weak to moderately weak yellowish brown sandstone. It was possible to excavate to depths of between 2.6m and 4.1m bgl using only a toothed 3-foot bucket with the 25-tonne excavator used. A hydraulic breaker attachment was required to advance TP02, TP03 and TP04 to depths equivalent to the proposed food store finished floor level.

#### Groundwater

Groundwater seepage was not observed during excavation of any trial pit.

#### Trial Pit Stability

All trial pits remained stable during excavation.

#### Visual / Olfactory Evidence of Contamination

A slight hydrocarbon odour was noted within the made ground in TP04, between 1.4m and 2.5m bgl.

### **4.0 Soil Contamination Analysis Results**

Selected soil and asphalt samples were submitted to Eurofins Chemtest, a UKAS accredited laboratory, for chemical analysis. The laboratory analysis results, as received from the laboratory, are included in Appendix C.

#### Made Ground

Fourteen samples of made ground (two of which comprised topsoil) were analysed for a suite of commonly occurring contaminants, including metals, speciated polycyclic aromatic hydrocarbons (PAH), asbestos, speciated total petroleum hydrocarbons (TPH), pH and water-soluble sulphate.

None of the samples of made ground tested were recorded to contain concentrations of any contaminants that exceed the Sirius Generic Assessment Criteria (GAC) for a Commercial land use. Asbestos was not detected within any of the samples analysed. Four of the samples were recorded to have pH values greater than the GAC (9), set to be protective against potential dermal irritation. Two of the samples were recorded to contain concentrations of water-soluble sulphate that exceed the GAC (0.5 g/l), set at the upper bound of Design Sulphate Class DS-1 in BRE Special Digest 1, *Concrete in Aggressive Ground*.

### Rough Rock (Sandstone)

Three samples of finer material recovered from the Rough Rock sandstone were analysed for a suite of contaminants as per the made ground (excluding asbestos).

None of the samples of made ground tested were recorded to contain concentrations of any contaminants that exceed the Sirius GAC for a Commercial land use. One of the samples was recorded to have a pH value greater than the GAC.

### Asphalt Samples

Three samples of buried intact former asphalt surfacing were analysed for a coal tar identification suite, with interpretation by the laboratory as to whether they contained coal tar.

Two of the samples were determined to not contain coal tar, with the analysis on the other sample (TP06, 0.9m) said to be inconclusive. However, as the concentration of benzo(a)pyrene within this sample was recorded to be less than 50 mg/kg, it is considered unlikely that this material would be classified as hazardous waste where off-site removal is required<sup>1</sup>.

## **5.0 Preliminary Conclusions**

### Foundations and Floor Slab

Following excavation to reduce ground levels, competent sandstone is likely to be present at the surface or shallow depth below the footprint of the proposed food store. Therefore, conventional spread foundations (strips / pads) are likely to be a suitable foundation solution. The foundations should be a minimum of 450mm deep below finished ground level.

---

1

<https://adeptnet.org.uk/system/files/documents/ADEPT%20Guide%20to%20Managing%20Reclaimed%20Asphalt%20Version%202019%20Rev%201.pdf>

As competent sandstone is likely to be present at finished floor level following earthworks to reduce levels, construction of a ground-bearing floor slab is likely to be feasible.

### External Paved Areas

Following excavation to reduce ground levels, competent sandstone is likely to be present at the surface or shallow depth below the majority of the proposed external paved areas, and therefore, at this stage, it is considered likely that standard construction techniques will be suitable.

### Retaining Structures and Slope Stability

Following excavation to reduce ground levels, competent sandstone is likely to be present at the founding level to the proposed retaining walls.

The material within the proposed slopes to be retained by the proposed retaining walls is likely to comprise made ground overlying sandstone. It is recommended that site investigation specific to the proposed retaining walls and slopes, to include in situ geotechnical testing (e.g., window sampling with standard penetration tests (SPTs)) and groundwater pressure monitoring, is undertaken to facilitate global slope stability assessment and inform the design of the required retaining structures.

### Concrete in Aggressive Ground

Concrete structures (e.g., foundations and retaining walls) that are to be in contact with made ground following construction should meet the requirements of Design Sulphate Class DS-2 and ACEC Class AC-2, as defined within BRE Special Digest 1.

### Soil Contamination

Based on the soil contamination analysis results outlined above, it is considered that the risk to human health following development is low, with no specific remedial measures necessary in this respect.

A growth medium of suitable topsoil is likely to be required for areas of proposed planting.

### Hazardous Ground Gases

Following excavation to reduce ground levels, little, if any, of the existing made ground will remain below the footprint of the proposed food store. Therefore, further to the previous assessments undertaken by others, no further plausible sources of ground gases have been identified by this site investigation, and therefore the risk to the proposed development is considered low, with ground gas protection, including against radon, being unnecessary.

### Soakaways

Soakaway testing undertaken previously by others on the site recorded high soakaway infiltration rates within the weathered Rough Rock sandstone at shallow depth below current site levels.

If soakaways are to be considered for use on the site, it is recommended that supplementary infiltration testing is undertaken within the more competent (i.e., possibly less permeable) sandstone at representative soakaway invert depths below finished levels; it should be noted that this may not be practicable before earthworks to reduce site levels are undertaken, due to the depth of excavation required from existing levels.

### Recommended Further Works

It is likely that a formal Geoenvironmental Appraisal report, including a desk-top study (based on up-to-date and site-specific information sources) and preliminary conceptual site model, and incorporating the findings of this site investigation, and any additional site investigation works undertaken, would be required for submission to support a planning application for development of the site.

We trust that the above meets with your current requirements; however, should you have any queries, please do not hesitate to contact the undersigned.

Yours sincerely,

Adrian Grant  
Principal Engineer

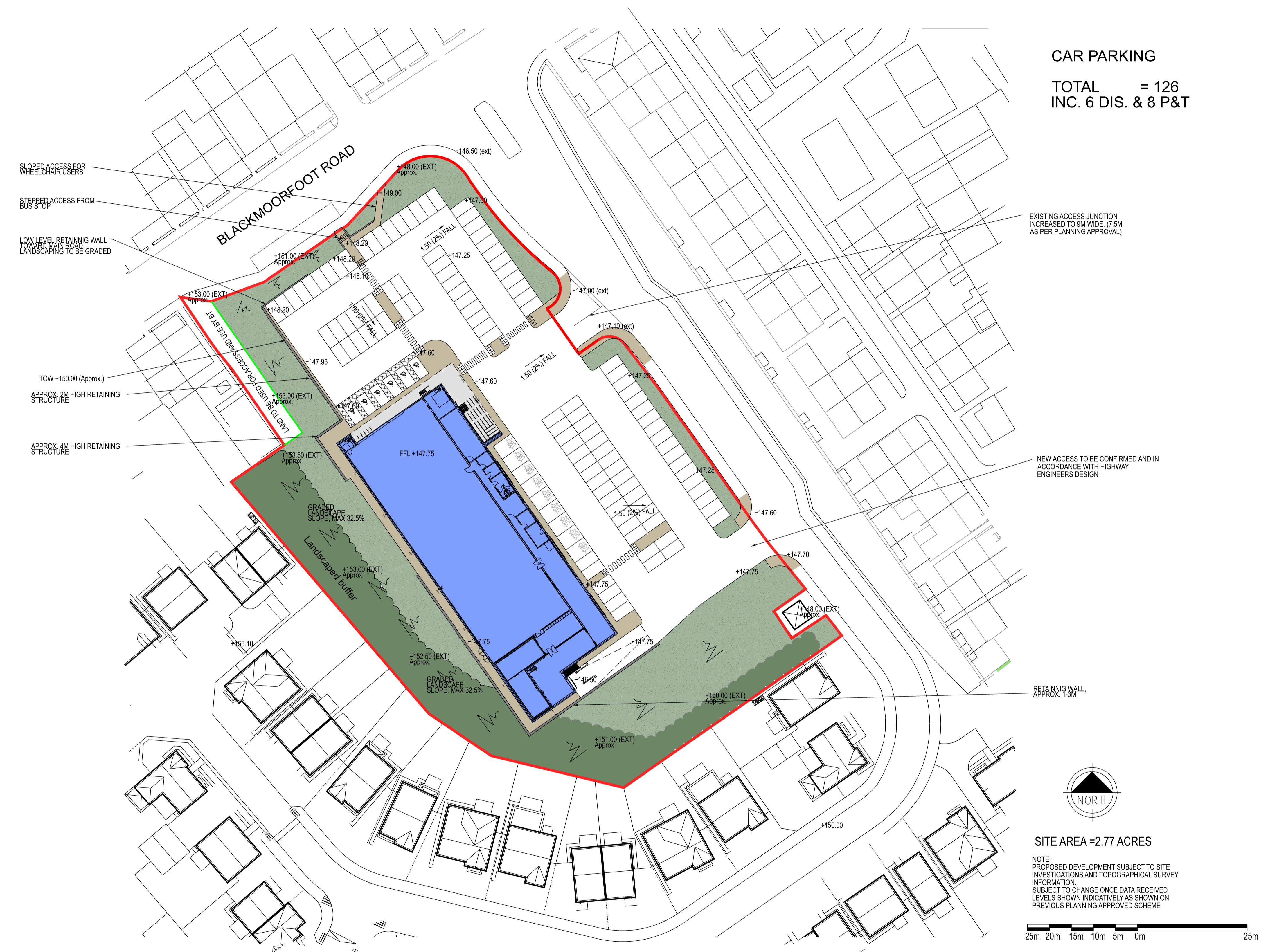
For and on behalf of  
Sirius Geotechnical Ltd

Enc.: Appendix A. Drawings  
Appendix B. Trial Pit Logs  
Appendix C. Laboratory Analysis Results



APPENDIX A  
DRAWINGS

DO NOT SCALE THIS DRAWING.  
 Architects are to be notified of any discrepancies.  
 Contractors must check all dimensions on site.  
 This drawing is subject to copyright laws and is for use on this project only.  
 This drawing is to be used solely for the information as titled only.  
 For other information refer to the latest revision of any cross referenced drawings.  
 To be read in conjunction with relevant design standards/protocols.

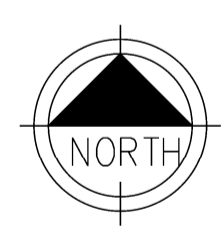


**CAR PARKING**  
**TOTAL = 126**  
**INC. 6 DIS. & 8 P&T**

EXISTING ACCESS JUNCTION  
 INCREASED TO 9M WIDE (7.5M  
 AS PER PLANNING APPROVAL)

NEW ACCESS TO BE CONFIRMED AND IN  
 ACCORDANCE WITH HIGHWAY  
 ENGINEERS DESIGN

RETAINING WALL  
 APPROX. 1.3M



**SITE AREA = 2.77 ACRES**  
 NOTE:  
 PROPOSED DEVELOPMENT SUBJECT TO SITE  
 INVESTIGATIONS AND TOPOGRAPHICAL SURVEY  
 INFORMATION.  
 SUBJECT TO CHANGE ONCE DATA RECEIVED  
 LEVELS SHOWN INDICATIVELY AS SHOWN ON  
 PREVIOUS PLANNING APPROVED SCHEME

A	17.02.21	Updated in line with Lidl standards, Site levels and proposed strategy added	JML	JML
#	01.02.21	FIRST ISSUE	RR	JML
REV	DATE	DESCRIPTION		DRN CKD

AMENDMENTS

STATUS: **FEASIBILITY**



PROJECT NAME:  
**Blackmoorfoot Road**

PROJECT ADDRESS:  
**Blackmoorfoot Road, Huddersfield**

DRAWING TITLE:  
**Proposed Site Plan**

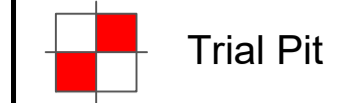
JOB NO:	DRG NO:	REVISION:
6304-BRH	02	A

DATE:	SCALE:	SHEET SIZE:
Feb 21	1:500	A1

**1 CARDALE PARK, BECKWITH HEAD ROAD  
 HARROGATE, N. YORKSHIRE, HG3 1RZ  
 WWW.SSA-ARCHITECTS.CO.UK  
 T: 01423 856999**



**NOTES**



REVISION	BY	DATE
0	For Information	MF 10/09/21
A	>>	>> >>
B	>>	>> >>
C	>>	>> >>
D	>>	>> >>

SIRIUS  
 GEOTECHNICAL LTD  
 4245 Park Approach,  
 Thorpe Park,  
 Leeds  
 LS15 8GB  
[www.thesiriusgroup.com](http://www.thesiriusgroup.com)  
 TEL: 0113 264 9960  
 FAX: 0113 264 9962



CLIENT  
  
**Lidl Great Britain Ltd**

SITE  
**Land off Blackmoorfoot Road,  
 Huddersfield**

DRAWING TITLE  
**Exploratory Hole  
 Location Plan**

DRAWING NO. C9083/01	REVISION NO. 0
DRAWN BY MF	APPROVED BY AMG
DATE September 2021	SCALE 1:500
	PAPER SIZE A1



APPENDIX B  
TRIAL PIT LOGS



# TRIAL PIT RECORD

TP No. **TP01**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date:  
25/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

## SAMPLE DETAILS

## STRATA RECORD

Logged By: J.C      Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) {ppm}	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.30			MADE GROUND: Dark brown very gravelly fine to coarse SAND with medium cobble and low boulder content. Gravel is angular to subrounded fine to coarse of brick, sandstone and concrete. Cobbles are angular of brick. Boulders are angular of concrete up to 35cm in diameter.	0.90	149.79		
				1 Moderately weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble and low boulder content. Cobbles are angular of sandstone. Boulders are angular of sandstone up to 30cm in diameter.				
			2					
			3	End of trial pit at 3.20m	3.20	147.49		
			4					
			5					

Remarks and Groundwater Observations  
 1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

**GL (m AOD)**  
150.69  
**Easting:**  
412521.58  
**Northing:**  
415529.48

Fig No.  
  
**TP01**



# TRIAL PIT RECORD

TP No. **TP02**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date: 25/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

## SAMPLE DETAILS

## STRATA RECORD

Logged By: J.C      Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) {ppm}	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
				MADE GROUND: Black ASPHALT.				
ES	0.30			MADE GROUND: Dark brown very gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded fine to coarse of brick, sandstone and concrete. Cobbles are angular of brick and concrete with occasional fragments of glass.	0.20	151.51		
ES	1.00		1	MADE GROUND: Dark greyish brown clayey gravelly fine to coarse SAND with high cobble and medium boulder content. Gravel is angular to subangular fine to coarse of sandstone, brick and mudstone. Cobbles are angular of brick. Boulders are angular of sandstone up to 30cm in diameter with occasional pockets of soft dark greyish brown slightly gravelly sandy clay.	0.60	151.11		
D	1.20							
ES	2.00		2	Moderately weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble and boulder content. Cobbles are angular of sandstone. Boulders are angular of sandstone up to 35cm in diameter.	1.50	150.21		
				<u>From 2.60m bgl: Becomes medium strong.</u>				
			3					
			4	End of trial pit at 4.10m	4.10	147.61		
			5					

**Remarks and Groundwater Observations**

1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Hydraulic breaker utilised to break out rock from 2.60m bgl. 4. Trial pit took approximately 90 minutes to complete. 5. Backfilled with arisings upon completion.

**GL (m AOD)**  
151.71  
**Easting:**  
412536.31  
**Northing:**  
415489.96

Fig No.

TP02



# TRIAL PIT RECORD

TP No. **TP03**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date: 25/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

## SAMPLE DETAILS

## STRATA RECORD

Logged By: J.C. Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) (ppm)	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
D	0.10			MADE GROUND: Black ASPHALT.				
ES	0.50			MADE GROUND: Dark brown very gravelly fine to coarse SAND with low cobble and low boulder content. Gravel is angular to subrounded fine to coarse of brick, sandstone and concrete. Cobbles are angular of brick. Boulders are angular of concrete up to 30cm in diameter.	0.30	151.67		
				<i>Redundant drain encased in concrete recovered at 1.30m bgl.</i>				
ES	1.50			MADE GROUND: Dark grey to black clayey gravelly fine to coarse SAND. Gravel is angular to subrounded fine to medium of sandstone, brick, ash and mudstone.	1.40	150.57		
				Moderately weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble content. Cobbles are angular of sandstone.	2.30	149.67		
				<i>From 3.60m bgl: Becomes medium strong.</i>				
				End of trial pit at 4.35m	4.35	147.62		

### Remarks and Groundwater Observations

1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Hydraulic breaker utilised to break out rock from 3.60m bgl. 4. Trial pit took approximately 74 minutes to complete. 5. Backfilled with arisings upon completion.

GL (m AOD)  
151.97  
Easting:  
412547.65  
Northing:  
415482.31

Fig No.

TP03



# TRIAL PIT RECORD

TP No. **TP04**  
Sheet 1 of 2

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date:  
25/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

### SAMPLE DETAILS

### STRATA RECORD

Logged By: J.C      Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) (ppm)	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill	
ES	0.10			MADE GROUND: Dark brown very gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded fine to coarse of brick, sandstone and concrete. Cobbles are angular of brick and concrete with occasional fragments of glass and wood.					
ES	0.50			MADE GROUND: Black ASPHALT.	0.40	152.31			
				MADE GROUND: Orangish brown sandy angular to subangular fine to coarse GRAVEL of sandstone, mudstone and brick.	0.60	152.11			
ES	1.00		1						
ES	1.60			MADE GROUND: Dark grey to black slightly gravelly clayey fine to coarse SAND. Gravel is angular to subrounded fine to medium of sandstone, brick, ash and mudstone with slight hydrocarbon odour.	1.40	151.31			
D	2.00		2						
ES	3.00		3	Weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble content. Cobbles are angular of sandstone.	2.50	150.21			
			4	<i>From 4.00m bgl: Becomes moderately weak to medium strong.</i>					
			5						

Remarks and Groundwater Observations  
 1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Hydraulic breaker utilised to break out rock from 4.00m bgl. 4. Trial pit took approximately 95 minutes to complete. 5. Backfilled with arisings upon completion.

GL (m AOD)  
152.71  
 Easting:  
412553.16  
 Northing:  
415473.06

Fig No.  
  
**TP04**





# TRIAL PIT RECORD

TP No. **TP05**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date: 26/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

## SAMPLE DETAILS

## STRATA RECORD

Logged By: J.C | Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) (ppm)	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.50			<p>MADE GROUND: Dark brown very gravelly fine to coarse SAND with medium cobble and boulder content. Gravel is angular to subrounded fine to coarse of brick, sandstone, concrete and occasional asphalt. Cobbles are angular of brick. Boulders are angular of sandstone and concrete up to 35cm in diameter.</p> <p><i>From 0.50m bgl: Intact brick wall encountered at south-western corner of pit.</i></p>				
				<p>Moderately weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble and boulder content. Cobbles are angular of sandstone. Boulders are angular of sandstone up to 40cm in diameter.</p>	2.90	149.16		
				End of trial pit at 4.10m	4.10	147.96		

### Remarks and Groundwater Observations

1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

GL (m AOD)  
152.06  
Easting:  
412562.20  
Northing:  
415470.57

Fig No.

TP05



# TRIAL PIT RECORD

TP No. **TP06**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date:  
26/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

## SAMPLE DETAILS

## STRATA RECORD

Logged By: J.C. Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) (ppm)	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.30			MADE GROUND: Dark brown very gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subangular fine to coarse of brick, concrete, sandstone and asphalt. Cobbles are angular of brick and concrete with occasional fragments of wood.				
ES	0.90			From 0.85 to 0.95m bgl: Layer of MADE GROUND: Black ASPHALT in north-western corner of pit. Weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble content. Cobbles are angular of sandstone.	0.95	149.19		
				End of trial pit at 2.90m	2.90	147.24		

Remarks and Groundwater Observations  
1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

GL (m AOD)  
150.14  
Easting:  
412558.76  
Northing:  
415494.91

Fig No.  
**TP06**



# TRIAL PIT RECORD

TP No. **TP07**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date: 26/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

### SAMPLE DETAILS

### STRATA RECORD

Logged By: J.C      Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) {ppm}	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.60		1	MADE GROUND: Dark brown very gravelly fine to coarse SAND with high cobble and low boulder content. Gravel is angular to subrounded fine to coarse of brick, limestone, sandstone, concrete and rare asphalt. Cobbles are angular of brick. Boulders are angular of sandstone up to 80cm in diameter.	1.30	148.34		
				Moderately weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble and low boulder content. Cobbles are angular of sandstone. Boulders are angular of sandstone up to 25 cm in diameter.				
			3	End of trial pit at 3.00m	3.00	146.64		
			4					
			5					

Remarks and Groundwater Observations  
 1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

**GL (m AOD)**  
149.64  
**Easting:**  
412541.52  
**Northing:**  
415518.94

Fig No.  
  
**TP07**



# TRIAL PIT RECORD

TP No. **TP08**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date:  
26/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

### SAMPLE DETAILS

### STRATA RECORD

Logged By: J.C      Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) {ppm}	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.10			MADE GROUND: Grass over dark brown sandy gravelly TOPSOIL. Gravel is angular to subrounded fine to medium of brick and sandstone with many rootlets.	0.30	149.93		
				MADE GROUND: Dark brown very gravelly fine to coarse SAND with medium cobble and low boulder content. Gravel is angular to subrounded fine to coarse of brick, concrete and sandstone. Cobbles are angular of brick. Boulders are angular of sandstone up to 40cm in diameter.				
ES	0.90		1	Weak yellowish brown SANDSTONE. Recovered as angular to subrounded fine to coarse sandy gravel with medium cobble content. Cobbles are angular of sandstone.	1.10	149.13		
			2					
			3					
			4	End of trial pit at 3.50m	3.50	146.73		
			5					

**Remarks and Groundwater Observations**

1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

**GL (m AOD)**  
150.23  
**Easting:**  
412515.61  
**Northing:**  
415542.42

Fig No.

TP08



# TRIAL PIT RECORD

TP No. **TP09**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date:  
26/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

## SAMPLE DETAILS

## STRATA RECORD

Logged By: J.C. Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) (ppm)	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.20			MADE GROUND: Grass over dark brown slightly clayey sandy gravelly TOPSOIL. Gravel is angular to subangular fine to medium of brick and sandstone with many rootlets.				
ES	0.50			MADE GROUND: Dark brown very gravelly fine to coarse SAND with high cobble and medium boulder content. Gravel is angular to subrounded fine to coarse of brick, concrete and sandstone. Cobbles are angular of brick. Boulders are angular of sandstone up to 60cm in diameter.	0.40	148.77		
ES	1.20			Moderately weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble content. Cobbles are angular of sandstone.	1.05	148.12		
End of trial pit at 3.30m					3.30	145.87		

### Remarks and Groundwater Observations

1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

GL (m AOD)  
149.17  
Easting:  
412516.21  
Northing:  
415555.96

Fig No.

TP09



# TRIAL PIT RECORD

TP No. **TP10**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date:  
25/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

## SAMPLE DETAILS

## STRATA RECORD

Logged By: J.C      Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) {ppm}	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.20			MADE GROUND: Dark brown very gravelly fine to coarse SAND with high cobble content. Gravel is angular to subrounded fine to coarse of brick, concrete, sandstone and limestone. Cobbles are angular of brick and sandstone with frequent fragments of wood.				
ES	1.00		1	Weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble content. Cobbles are angular of sandstone.	0.80	148.46		
			2					
			3	End of trial pit at 3.00m	3.00	146.26		
			4					
			5					

### Remarks and Groundwater Observations

1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

**GL (m AOD)**  
149.26  
**Easting:**  
412532.98  
**Northing:**  
415534.84

Fig No.

TP10



# TRIAL PIT RECORD

TP No. **TP11**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date: 26/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

## SAMPLE DETAILS

## STRATA RECORD

Logged By: J.C. Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) (ppm)	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.20			MADE GROUND: Dark brown slightly clayey gravelly fine to coarse SAND with low cobble content. Gravel is angular to subrounded fine to coarse of brick, sandstone, mudstone and limestone. Cobbles are angular of brick and sandstone.	0.60	147.62		
				Weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble content. Cobbles are angular of sandstone.				
				End of trial pit at 3.00m	3.00	145.22		

Remarks and Groundwater Observations  
 1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

GL (m AOD)  
148.22  
 Easting:  
412544.59  
 Northing:  
415540.83

Fig No.  
**TP11**



# TRIAL PIT RECORD

TP No. **TP12**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date:  
26/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

### SAMPLE DETAILS

### STRATA RECORD

Logged By: J.C      Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) {ppm}	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.40			MADE GROUND: Dark brown very gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subangular fine to coarse of brick, concrete, sandstone and asphalt. Cobbles are angular of brick and concrete with occasional fragments of glass				
ES	1.00		1	Moderately weak yellowish brown SANDSTONE. Recovered as angular to subangular fine to coarse sandy gravel with medium cobble and low boulder content. Cobbles are angular of sandstone. Boulders are angular of sandstone up to 40cm in diameter.	0.80	148.32		
			2					
			3	End of trial pit at 3.00m	3.00	146.12		
			4					
			5					

Remarks and Groundwater Observations  
 1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

**GL (m AOD)**  
149.12  
**Easting:**  
412570.61  
**Northing:**  
415506.18

Fig No.  
  
**TP12**



# TRIAL PIT RECORD

TP No. **TP13**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date: 26/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

## SAMPLE DETAILS

## STRATA RECORD

Logged By: J.C. Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) (ppm)	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.20			MADE GROUND: Dark brown very gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subrounded fine to coarse of brick, concrete, sandstone and asphalt. Cobbles are angular of brick and sandstone.	0.65	147.53		
				Moderately weak yellowish brown SANDSTONE. Recovered as angular to subrounded fine to coarse sandy gravel with medium cobble and boulder content. Cobbles are angular of sandstone. Boulders are angular of sandstone up to 30cm in diameter.				
				End of trial pit at 2.80m	2.80	145.38		

### Remarks and Groundwater Observations

1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

GL (m AOD)  
148.18  
Easting:  
412585.43  
Northing:  
415507.27

Fig No.

TP13



# TRIAL PIT RECORD

TP No. **TP14**  
Sheet 1 of 1

Site: Blackmoorfoot Road, Huddersfield

Contract No: C9083

Client: Lidl Great Britain Ltd.

Date:  
26/08/2021

Method: Kobelco SK270SRLC-5 with 900mm toothed bucket.

Scale: 1:25

### SAMPLE DETAILS

### STRATA RECORD

Logged By: J.C      Checked By: AMG

Type	Depth From - To(m)	Vane Results (kN/m <sup>2</sup> ) {ppm}	Ground -water	Description	Depth (m)	Level (m AOD)	Legend	Backfill
ES	0.30			MADE GROUND: Dark brown very gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subangular fine to coarse of brick, concrete, sandstone and asphalt. Cobbles are angular of brick.				
ES	0.75			<p style="font-size: small; margin: 0;"><i>From 0.70 to 0.80m bgl: Layer of MADE GROUND: Black ASPHALT in south western corner of pit.</i></p> <p>Moderately weak yellowish brown SANDSTONE. Recovered as angular to subrounded fine to coarse sandy gravel with medium cobble and boulder content. Cobbles are angular of sandstone. Boulders are angular of sandstone up to 30cm in diameter.</p>	0.80	148.47		
				End of trial pit at 2.90m	2.90	146.37		

**Remarks and Groundwater Observations**

1. Trial pit remained dry and stable. 2. Terminated in competent strata. 3. Backfilled with arisings upon completion.

**GL (m AOD)**  
149.27  
**Easting:**  
412586.92  
**Northing:**  
415487.35

Fig No.

TP14



## APPENDIX C

# LABORATORY ANALYSIS RESULTS



# Final Report

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**Report No.:** 21-30245-1

**Initial Date of Issue:** 10-Sep-2021

**Client:** Sirius Geotechnical Ltd

**Client Address:** 4250 (Downstairs)  
Thorpe Park  
Park Approach  
Leeds  
West Yorkshire  
LS15 8GB

**Contact(s):** Adrian Grant  
Jack Clarke

**Project:** C9083 Blackmoorfoot Road

<b>Quotation No.:</b>		<b>Date Received:</b>	01-Sep-2021
<b>Order No.:</b>	21590/C9083/JC	<b>Date Instructed:</b>	01-Sep-2021
<b>No. of Samples:</b>	20		
<b>Turnaround (Wkdays):</b>	7	<b>Results Due:</b>	09-Sep-2021

**Date Approved:** 10-Sep-2021

**Approved By:**

**Details:** Rachel Robertson, Deputy Technical Manager

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## Results - Miscellaneous Solid

**Project: C9083 Blackmoorfoot Road**

Client: Sirius Geotechnical Ltd		Chemtest Job No.:		21-30245	21-30245	21-30245
Quotation No.:		Chemtest Sample ID.:		1270483	1270488	1270498
		Sample Location:		TP04	TP06	TP14
		Sample Type:		MISCSOLID	MISCSOLID	MISCSOLID
		Top Depth (m):		0.5	0.90	0.75
		Date Sampled:		25-Aug-2021	26-Aug-2021	26-Aug-2021
Determinand	Accred.	SOP	Units	LOD		
Chromatogram (TPH)	N			N/A	See Attached	See Attached
Diesel Present	N	2670		N/A	False	False
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	190	290
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	6900	7600
Total Petroleum Hydrocarbons	N	2680	mg/kg	10	7100	7900
Naphthalene	N	2700	mg/kg	0.10	< 0.10	< 0.10
Acenaphthylene	N	2700	mg/kg	0.10	< 0.10	< 0.10
Acenaphthene	N	2700	mg/kg	0.10	< 0.10	< 0.10
Fluorene	N	2700	mg/kg	0.10	< 0.10	< 0.10
Phenanthrene	N	2700	mg/kg	0.10	< 0.10	10
Anthracene	N	2700	mg/kg	0.10	< 0.10	6.3
Fluoranthene	N	2700	mg/kg	0.10	< 0.10	57
Pyrene	N	2700	mg/kg	0.10	< 0.10	61
Benzo[a]anthracene	N	2700	mg/kg	0.10	< 0.10	25
Chrysene	N	2700	mg/kg	0.10	< 0.10	22
Benzo[b]fluoranthene	N	2700	mg/kg	0.10	< 0.10	38
Benzo[k]fluoranthene	N	2700	mg/kg	0.10	< 0.10	18
Benzo[a]pyrene	N	2700	mg/kg	0.10	< 0.10	32
Indeno(1,2,3-c,d)Pyrene	N	2700	mg/kg	0.10	< 0.10	17
Dibenz(a,h)Anthracene	N	2700	mg/kg	0.10	< 0.10	4.4
Benzo[g,h,i]perylene	N	2700	mg/kg	0.10	< 0.10	16
Coronene	N	2700	mg/kg	0.10	< 0.10	< 0.10
Total Of 17 PAH's	N	2700	mg/kg	2.0	< 2.0	310
N-Nitrosodimethylamine	N	2790	mg/kg	0.50	< 0.50	< 0.50
Phenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
2-Chlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
1,3-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50
1,2-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50
2-Methylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.50	< 0.50	< 0.50
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.50	< 0.50	< 0.50
4-Methylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
Nitrobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50
Isophorone	N	2790	mg/kg	0.50	< 0.50	< 0.50
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.50	< 0.50	< 0.50
2,4-Dichlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50

## Results - Miscellaneous Solid

**Project: C9083 Blackmoorfoot Road**

Client: Sirius Geotechnical Ltd		Chemtest Job No.:		21-30245	21-30245	21-30245
Quotation No.:		Chemtest Sample ID.:		1270483	1270488	1270498
		Sample Location:		TP04	TP06	TP14
		Sample Type:		MISCSOLID	MISCSOLID	MISCSOLID
		Top Depth (m):		0.5	0.90	0.75
		Date Sampled:		25-Aug-2021	26-Aug-2021	26-Aug-2021
Determinand	Accred.	SOP	Units	LOD		
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50
Naphthalene	N	2790	mg/kg	0.50	< 0.50	< 0.50
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50
Hexachlorobutadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
2-Methylnaphthalene	N	2790	mg/kg	0.50	< 0.50	< 0.50
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
2-Chloronaphthalene	N	2790	mg/kg	0.50	< 0.50	< 0.50
2-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50
Acenaphthylene	N	2790	mg/kg	0.50	< 0.50	0.73
Dimethylphthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50
2,6-Dinitrotoluene	N	2790	mg/kg	0.50	< 0.50	< 0.50
Acenaphthene	N	2790	mg/kg	0.50	< 0.50	9.4
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50
Dibenzofuran	N	2790	mg/kg	0.50	< 0.50	2.4
4-Chlorophenylphenylether	N	2790	mg/kg	0.50	< 0.50	< 0.50
2,4-Dinitrotoluene	N	2790	mg/kg	0.50	< 0.50	< 0.50
Fluorene	N	2790	mg/kg	0.50	< 0.50	7.3
Diethyl Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50
4-Nitroaniline	N	2790	mg/kg	0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
Azobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.50	< 0.50	< 0.50
Hexachlorobenzene	N	2790	mg/kg	0.50	< 0.50	< 0.50
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50	< 0.50
Phenanthrene	N	2790	mg/kg	0.50	< 0.50	46
Anthracene	N	2790	mg/kg	0.50	< 0.50	21
Carbazole	N	2790	mg/kg	0.50	< 0.50	0.95
Di-N-Butyl Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50
Fluoranthene	N	2790	mg/kg	0.50	< 0.50	140
Pyrene	N	2790	mg/kg	0.50	< 0.50	120
Butylbenzyl Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50
Benzo[a]anthracene	N	2790	mg/kg	0.50	< 0.50	54
Chrysene	N	2790	mg/kg	0.50	< 0.50	48
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate	N	2790	mg/kg	0.50	< 0.50	< 0.50
Benzo[b]fluoranthene	N	2790	mg/kg	0.50	< 0.50	61

## Results - Miscellaneous Solid

**Project: C9083 Blackmoorfoot Road**

Client: Sirius Geotechnical Ltd		Chemtest Job No.:		21-30245	21-30245	21-30245	
Quotation No.:		Chemtest Sample ID.:		1270483	1270488	1270498	
		Sample Location:		TP04	TP06	TP14	
		Sample Type:		MISCSOLID	MISCSOLID	MISCSOLID	
		Top Depth (m):		0.5	0.90	0.75	
		Date Sampled:		25-Aug-2021	26-Aug-2021	26-Aug-2021	
Determinand	Accred.	SOP	Units	LOD			
Benzo[k]fluoranthene	N	2790	mg/kg	0.50	< 0.50	23	0.78
Benzo[a]pyrene	N	2790	mg/kg	0.50	< 0.50	56	1.6
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.50	< 0.50	23	0.92
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.50	< 0.50	6.0	< 0.50
Benzo[g,h,i]perylene	N	2790	mg/kg	0.50	< 0.50	28	0.99
Moisture	N		%	0.10	< 0.10	< 0.10	< 0.10
Interpretive Report	N			N/A	See Below	See Below	See Below
SVOC TIC	N	2790	mg/kg	N/A	None Detected	None Detected	None Detected

Sample 1270483 does not contain coal tar contamination. Dibenzothiophene, a biomarker present in coal tar has not been detected by SVOC analysis. This, in conjunction with the low PAH contamination, confirms the absence of coal tar in this sample.

Sample 1270488 is inconclusive for contain coal tar contamination. Dibenzothiophene, a biomarker present in coal tar has not been detected by SVOC analysis. This, in conjunction with the elevated PAH contamination, means we cannot confirm the absence of coal tar in this sample.

Sample 1270498 does not contain coal tar contamination. Dibenzothiophene, a biomarker present in coal tar has not been detected by SVOC analysis. This, in conjunction with the low PAH contamination, confirms the absence of coal tar in this sample.

## Results - Soil

**Project: C9083 Blackmoorfoot Road**

Client: Sirius Geotechnical Ltd		Chemtest Job No.:		21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245
Quotation No.:		Chemtest Sample ID.:		1270479	1270480	1270481	1270482	1270484	1270485	1270486	1270487
Sample Location:		TP01	TP02	TP02	TP03	TP04	TP04	TP04	TP05	TP06	
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
Top Depth (m):		0.30	2.00	1.00	0.5	1.00	1.60	0.50	0.30		
Date Sampled:		25-Aug-2021	25-Aug-2021	25-Aug-2021	25-Aug-2021	25-Aug-2021	25-Aug-2021	26-Aug-2021	26-Aug-2021		
Asbestos Lab:		DURHAM				DURHAM		DURHAM			
Determinand	Accred.	SOP	Units	LOD							
ACM Type	U	2192		N/A	-			-		-	
Asbestos Identification	U	2192		N/A	No Asbestos Detected			No Asbestos Detected		No Asbestos Detected	
Moisture	N	2030	%	0.020	6.9	5.3	10	7.3	7.8	9.7	6.7
Soil Colour	N	2040		N/A	Brown	Brown	Black	Brown	Brown	Black	Brown
Other Material	N	2040		N/A	Stones and Wood	Stones	Stones	Stones	Stones	None	Stones and Roots
Soil Texture	N	2040		N/A	Loam	Sand	Loam	Gravel	Gravel	Loam	Loam
pH	M	2010		4.0	8.1	8.6		9.4	8.8		9.4
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	1.5	0.017		0.036	0.024		0.94
Calorific Value	N	2140	MJ/kg	0.10			0.80			1.0	
Sulphate (Total)	M	2430	%	0.010	0.32	0.033		< 0.010	0.032		0.44
Arsenic	M	2450	mg/kg	1.0	36	3.6		3.5	4.3		13
Cadmium	M	2450	mg/kg	0.10	0.59	< 0.10		0.26	0.30		0.30
Chromium	M	2450	mg/kg	1.0	40	12		40	44		24
Copper	M	2450	mg/kg	0.50	130	9.4		16	13		22
Mercury	M	2450	mg/kg	0.10	0.40	< 0.10		< 0.10	< 0.10		0.21
Nickel	M	2450	mg/kg	0.50	33	9.4		36	39		23
Lead	M	2450	mg/kg	0.50	390	17		24	16		120
Selenium	M	2450	mg/kg	0.20	< 0.20	< 0.20		< 0.20	< 0.20		< 0.20
Zinc	M	2450	mg/kg	0.50	250	25		64	60		92
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50		< 0.50	< 0.50		< 0.50
Total Organic Carbon	M	2625	%	0.20	2.6	1.1		0.99	0.48		1.6
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0			< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0			< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0			< 1.0	18	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0			< 1.0	9.6	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0			< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	< 1.0			< 1.0	< 1.0	< 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	4.6	< 1.0			< 1.0	58	130
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0			< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	< 5.0			< 5.0	85	130
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0			< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0			< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	5.0	< 1.0			< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	71	< 1.0			< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	63	< 1.0			< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	130	< 1.0			< 1.0	21	6.1
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	580	< 1.0			< 1.0	120	260

## Results - Soil

**Project: C9083 Blackmoorfoot Road**

Client: Sirius Geotechnical Ltd		Chemtest Job No.:		21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245
Quotation No.:		Chemtest Sample ID.:		1270479	1270480	1270481	1270482	1270484	1270485	1270486	1270487
Sample Location:		TP01	TP02	TP02	TP03	TP04	TP04	TP04	TP05	TP06	
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
Top Depth (m):		0.30	2.00	1.00	0.5	1.00	1.60	0.50	0.30		
Date Sampled:		25-Aug-2021	25-Aug-2021	25-Aug-2021	25-Aug-2021	25-Aug-2021	25-Aug-2021	26-Aug-2021	26-Aug-2021		
Asbestos Lab:		DURHAM				DURHAM		DURHAM			
Determinand	Accred.	SOP	Units	LOD							
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	850	< 5.0		< 5.0	140	270	
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	860	< 10		< 10	230	400	
Naphthalene	M	2700	mg/kg	0.10	2.9	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	M	2700	mg/kg	0.10	0.91	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2700	mg/kg	0.10	0.59	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2700	mg/kg	0.10	0.65	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2700	mg/kg	0.10	4.0	< 0.10	< 0.10	< 0.10		1.9	3.2
Anthracene	M	2700	mg/kg	0.10	1.3	< 0.10	< 0.10	< 0.10		0.82	1.8
Fluoranthene	M	2700	mg/kg	0.10	7.7	0.39	< 0.10	< 0.10		4.5	15
Pyrene	M	2700	mg/kg	0.10	8.2	0.45	< 0.10	< 0.10		5.5	16
Benzo[a]anthracene	M	2700	mg/kg	0.10	4.8	0.25	< 0.10	< 0.10		2.8	6.7
Chrysene	M	2700	mg/kg	0.10	4.9	0.20	< 0.10	< 0.10		2.7	5.9
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	6.4	< 0.10	< 0.10	< 0.10		3.4	8.9
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	3.5	< 0.10	< 0.10	< 0.10		1.6	4.3
Benzo[a]pyrene	M	2700	mg/kg	0.10	4.8	< 0.10	< 0.10	< 0.10		3.0	7.4
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	3.2	< 0.10	< 0.10	< 0.10		2.0	4.6
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	1.1	< 0.10	< 0.10	< 0.10		1.3	1.5
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	2.7	< 0.10	< 0.10	< 0.10		1.7	4.0
Total Of 16 PAH's	M	2700	mg/kg	2.0	58	< 2.0	< 2.0	< 2.0		31	79
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10

## Results - Soil

**Project: C9083 Blackmoorfoot Road**

Client: Sirius Geotechnical Ltd	Chemtest Job No.:		21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245
Quotation No.:	Chemtest Sample ID.:		1270489	1270490	1270491	1270492	1270493	1270494	1270495	1270496	1270495	1270496
	Sample Location:		TP07	TP08	TP09	TP09	TP10	TP11	TP12	TP13		
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
	Top Depth (m):		0.60	0.10	0.20	1.20	0.20	0.20	1.00	0.20		
	Date Sampled:		26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021
	Asbestos Lab:			DURHAM	DURHAM		DURHAM	DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD								
ACM Type	U	2192		N/A		-	-		-	-	-	-
Asbestos Identification	U	2192		N/A		No Asbestos Detected	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture	N	2030	%	0.020	3.9	13	6.3	5.5	7.7	5.6	4.8	5.7
Soil Colour	N	2040		N/A	Brown	Brown	Black	Brown	Grey	Brown	Brown	Black
Other Material	N	2040		N/A	Stones	Roots and Stones	Roots and Stones	Stones	Stones	Stones and Roots	Stones	Stones
Soil Texture	N	2040		N/A	Sand	Loam	Loam	Sand	Loam	Loam	Sand	Loam
pH	M	2010		4.0	8.8	8.4	8.2	8.7	8.8	8.6	9.2	8.8
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.13	< 0.010	0.031	< 0.010	0.039	0.021	< 0.010	0.12
Calorific Value	N	2140	MJ/kg	0.10								
Sulphate (Total)	M	2430	%	0.010	0.13	0.21	0.12	< 0.010	0.24	0.041	< 0.010	0.11
Arsenic	M	2450	mg/kg	1.0	21	32	37	2.0	30	12	2.7	13
Cadmium	M	2450	mg/kg	0.10	0.33	0.37	0.38	< 0.10	0.33	0.11	< 0.10	0.69
Chromium	M	2450	mg/kg	1.0	18	19	21	16	22	8.7	18	24
Copper	M	2450	mg/kg	0.50	39	61	80	9.8	70	21	8.6	27
Mercury	M	2450	mg/kg	0.10	0.47	0.60	0.77	< 0.10	1.1	0.76	< 0.10	0.35
Nickel	M	2450	mg/kg	0.50	17	24	25	13	20	8.0	11	16
Lead	M	2450	mg/kg	0.50	100	200	230	11	370	51	8.0	73
Selenium	M	2450	mg/kg	0.20	0.25	0.65	0.70	< 0.20	< 0.20	0.23	< 0.20	< 0.20
Zinc	M	2450	mg/kg	0.50	75	310	170	46	700	30	25	65
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	4.3	6.8	4.5	0.31	5.0	1.5	0.27	2.5
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0		< 1.0	< 1.0		2.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0		< 1.0	< 1.0		8.9	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0		25	37		32	< 1.0	5.9	54
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0		< 1.0	< 1.0		16	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0		25	37		59	< 5.0	5.9	54
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0		< 1.0	< 1.0		30	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0		14	< 1.0		190	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0		21	< 1.0		210	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0		72	7.1		390	< 1.0	10	25
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0		370	74		1500	< 1.0	280	360

## Results - Soil

**Project: C9083 Blackmoorfoot Road**

Client: Sirius Geotechnical Ltd		Chemtest Job No.:		21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245	21-30245
Quotation No.:		Chemtest Sample ID.:		1270489	1270490	1270491	1270492	1270493	1270494	1270495	1270496
Sample Location:		TP07	TP08	TP09	TP09	TP10	TP11	TP12	TP13		
Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
Top Depth (m):		0.60	0.10	0.20	1.20	0.20	0.20	1.00	0.20		
Date Sampled:		26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021	26-Aug-2021
Asbestos Lab:			DURHAM	DURHAM		DURHAM	DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD							
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0		480	81		2300	< 5.0	290
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0		510	120		2400	< 10	290
Naphthalene	M	2700	mg/kg	0.10	< 0.10	15	< 0.10	< 0.10	13	< 0.10	< 0.10
Acenaphthylene	M	2700	mg/kg	0.10	< 0.10	1.4	< 0.10	< 0.10	1.2	< 0.10	< 0.10
Acenaphthene	M	2700	mg/kg	0.10	< 0.10	4.0	< 0.10	< 0.10	1.9	< 0.10	< 0.10
Fluorene	M	2700	mg/kg	0.10	< 0.10	3.2	< 0.10	< 0.10	1.6	< 0.10	< 0.10
Phenanthrene	M	2700	mg/kg	0.10	2.9	18	2.5	0.73	13	< 0.10	2.1
Anthracene	M	2700	mg/kg	0.10	0.98	4.0	0.47	0.15	2.7	< 0.10	1.3
Fluoranthene	M	2700	mg/kg	0.10	6.2	19	4.9	1.3	16	0.98	7.0
Pyrene	M	2700	mg/kg	0.10	5.8	20	4.6	1.1	16	0.75	4.6
Benzo[a]anthracene	M	2700	mg/kg	0.10	3.4	7.8	2.5	0.48	8.7	0.42	1.8
Chrysene	M	2700	mg/kg	0.10	3.2	10	2.6	0.91	9.5	0.40	2.2
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	3.9	11	2.8	0.74	9.1	< 0.10	2.0
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	2.2	4.3	1.5	0.62	4.1	< 0.10	1.1
Benzo[a]pyrene	M	2700	mg/kg	0.10	4.3	7.3	2.4	0.48	6.4	< 0.10	1.4
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	2.4	3.9	1.3	< 0.10	3.5	< 0.10	0.96
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	1.5	2.0	0.55	< 0.10	1.4	< 0.10	0.48
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	3.1	4.4	1.7	< 0.10	3.7	< 0.10	0.79
Total Of 16 PAH's	M	2700	mg/kg	2.0	40	140	28	6.5	110	2.6	26
Benzene	M	2760	µg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Toluene	M	2760	µg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Ethylbenzene	M	2760	µg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0		< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

## Results - Soil

**Project: C9083 Blackmoorfoot Road**

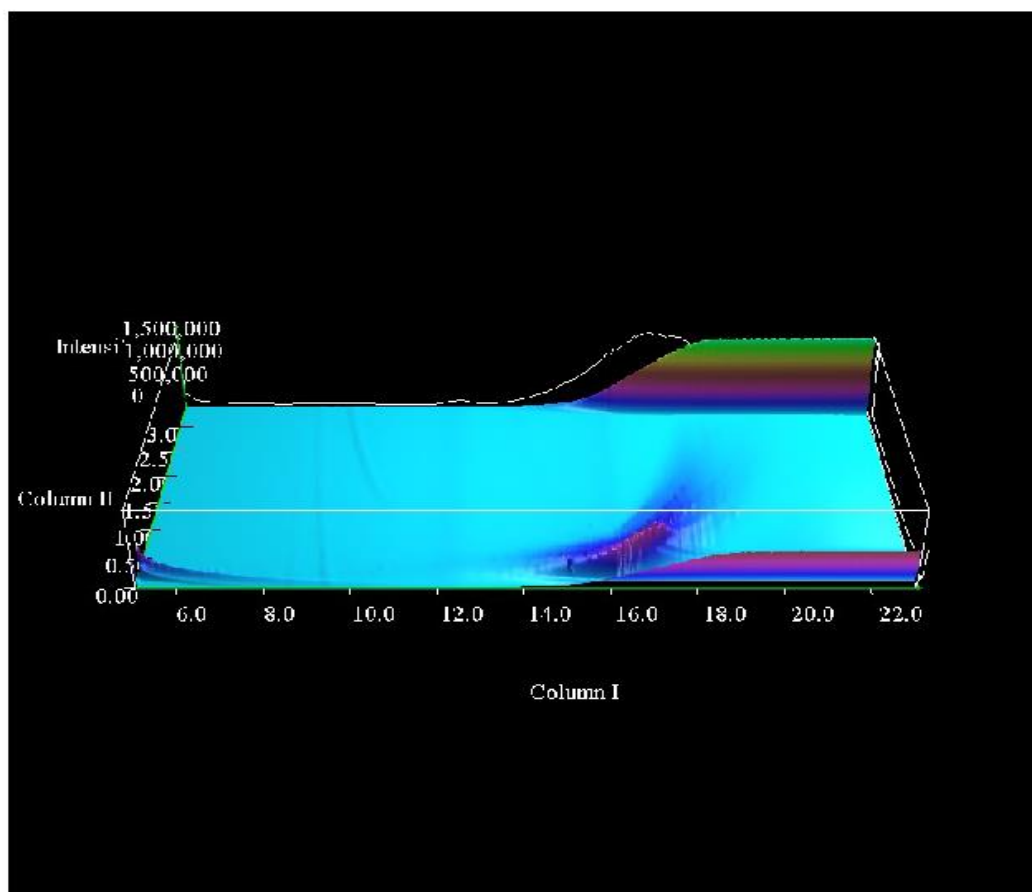
<b>Client: Sirius Geotechnical Ltd</b>	<b>Chemtest Job No.:</b>		21-30245		
Quotation No.:	<b>Chemtest Sample ID.:</b>		1270497		
	Sample Location:		TP14		
	Sample Type:		SOIL		
	Top Depth (m):		0.30		
	Date Sampled:		26-Aug-2021		
	Asbestos Lab:		DURHAM		
Determinand	Accred.	SOP	Units	LOD	
ACM Type	U	2192		N/A	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected
Moisture	N	2030	%	0.020	4.5
Soil Colour	N	2040		N/A	Grey
Other Material	N	2040		N/A	Stones
Soil Texture	N	2040		N/A	Loam
pH	M	2010		4.0	9.4
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.46
Calorific Value	N	2140	MJ/kg	0.10	
Sulphate (Total)	M	2430	%	0.010	0.18
Arsenic	M	2450	mg/kg	1.0	12
Cadmium	M	2450	mg/kg	0.10	0.25
Chromium	M	2450	mg/kg	1.0	21
Copper	M	2450	mg/kg	0.50	26
Mercury	M	2450	mg/kg	0.10	0.49
Nickel	M	2450	mg/kg	0.50	19
Lead	M	2450	mg/kg	0.50	130
Selenium	M	2450	mg/kg	0.20	< 0.20
Zinc	M	2450	mg/kg	0.50	69
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	1.7
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	37
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	37
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	25
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	330

## Results - Soil

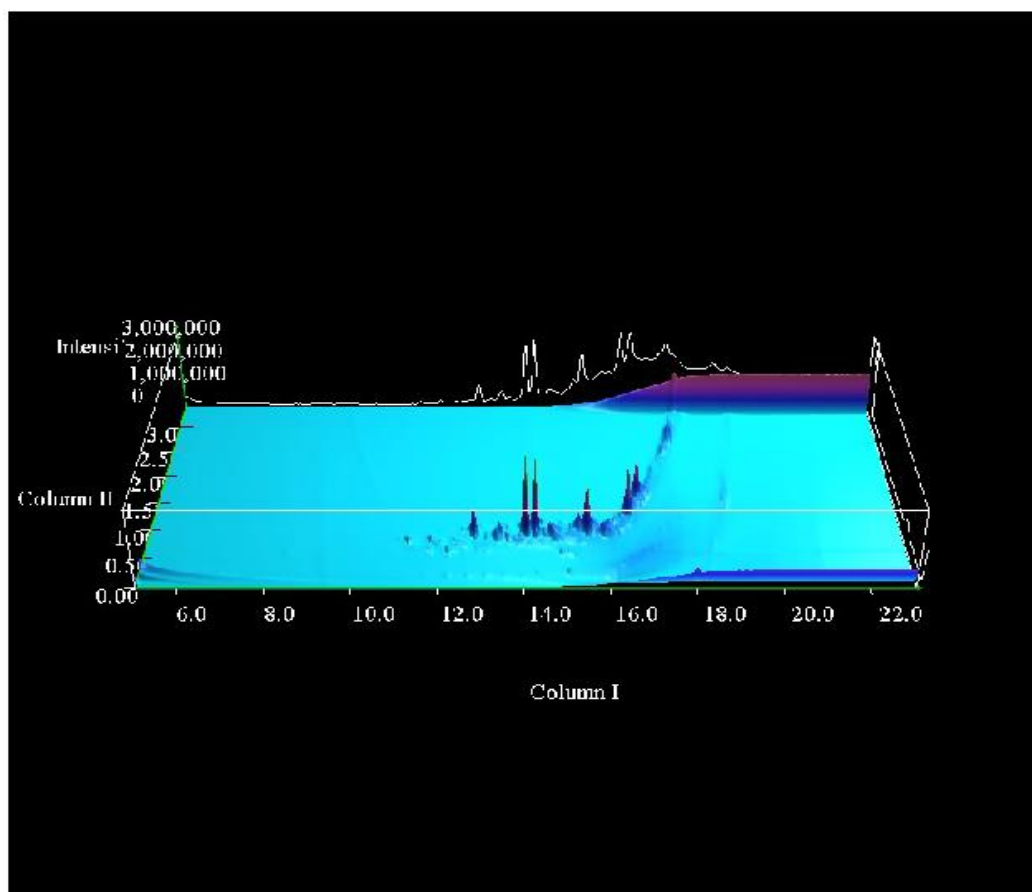
**Project: C9083 Blackmoorfoot Road**

<b>Client: Sirius Geotechnical Ltd</b>	<b>Chemtest Job No.:</b>		21-30245		
Quotation No.:	<b>Chemtest Sample ID.:</b>		1270497		
	Sample Location:		TP14		
	Sample Type:		SOIL		
	Top Depth (m):		0.30		
	Date Sampled:		26-Aug-2021		
	Asbestos Lab:		DURHAM		
<b>Determinand</b>	<b>Accred.</b>	<b>SOP</b>	<b>Units</b>	<b>LOD</b>	
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	350
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	390
Naphthalene	M	2700	mg/kg	0.10	0.25
Acenaphthylene	M	2700	mg/kg	0.10	0.61
Acenaphthene	M	2700	mg/kg	0.10	0.28
Fluorene	M	2700	mg/kg	0.10	0.31
Phenanthrene	M	2700	mg/kg	0.10	2.4
Anthracene	M	2700	mg/kg	0.10	1.3
Fluoranthene	M	2700	mg/kg	0.10	15
Pyrene	M	2700	mg/kg	0.10	13
Benzo[a]anthracene	M	2700	mg/kg	0.10	6.2
Chrysene	M	2700	mg/kg	0.10	6.6
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	7.6
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	3.4
Benzo[a]pyrene	M	2700	mg/kg	0.10	6.0
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	4.6
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	2.0
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	3.1
Total Of 16 PAH's	M	2700	mg/kg	2.0	73
Benzene	M	2760	µg/kg	1.0	< 1.0
Toluene	M	2760	µg/kg	1.0	< 1.0
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0
Total Phenols	M	2920	mg/kg	0.10	< 0.10

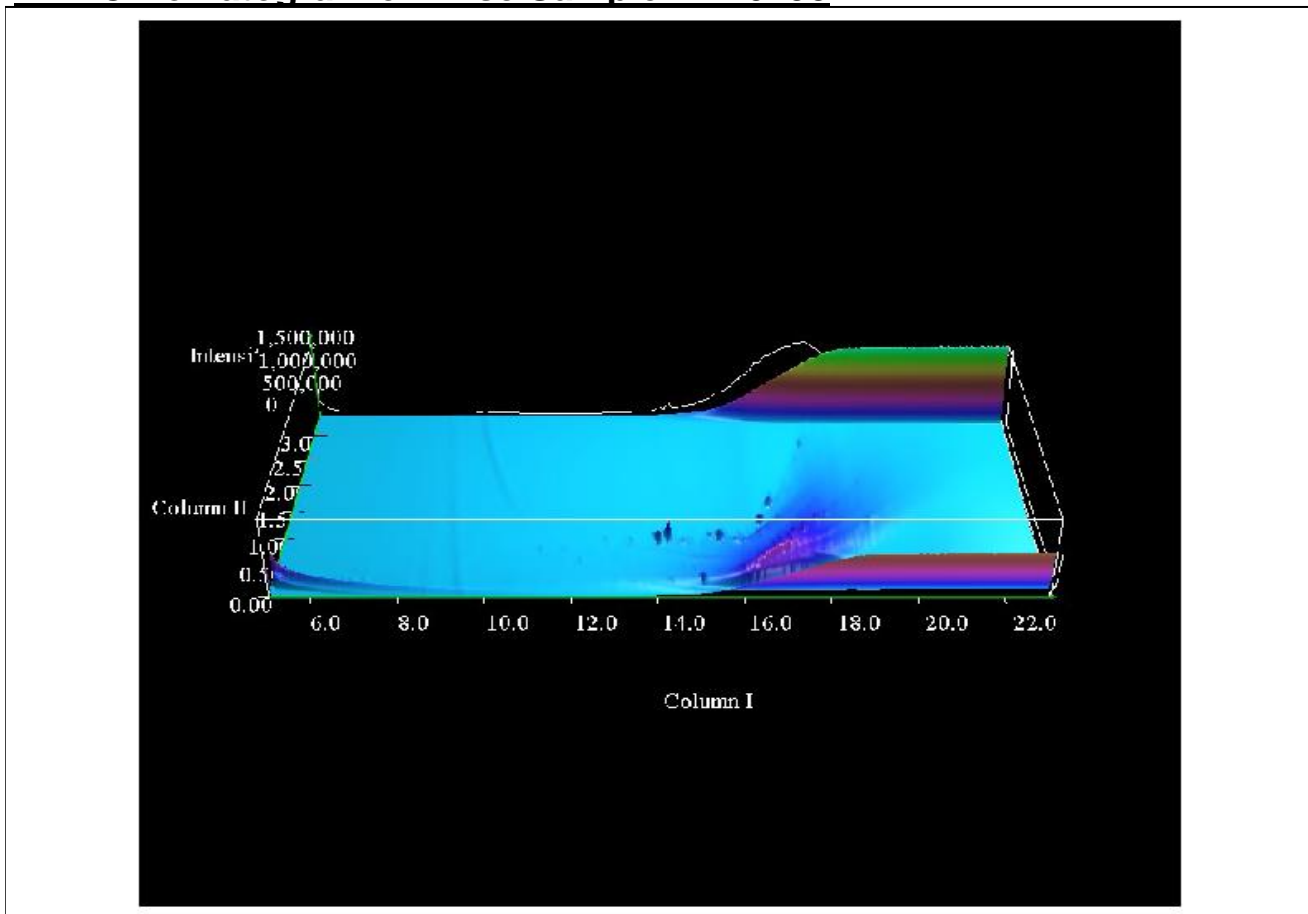
# TPH Chromatogram on Misc Sample: 1270483



# TPH Chromatogram on Misc Sample: 1270488



# TPH Chromatogram on Misc Sample: 1270498



### TPH Interpretation

Job	Sample	Matrix	Location	Sample Ref	Sample ID	Sample Depth (m)	Gasoline / Diesel Present	TPH Interpretation
21-30245	1270483	M	TP04			0.5	No	Heavy Oil
21-30245	1270488	M	TP06			0.90	No	PAH
21-30245	1270498	M	TP14			0.75	No	PAH and Heavy Oil

## Test Methods

SOP	Title	Parameters included	Method summary
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2140	Calorific Value	Calorific Value	Bomb Calorimeter
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.

## **Report Information**

### **Key**

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U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

### **Sample Deviation Codes**

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A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

### **Sample Retention and Disposal**

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All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



## APPENDIX D

# QUALITATIVE RISK ASSESSMENT METHODOLOGY



## Qualitative Risk Assessment Methodology

The approach adopted by Sirius for the qualitative assessment of risk is based upon that given in Annex 4 of NHBC-Environment Agency-CIEH “Guidance for the Safe Development of Housing on Land Affected by Contamination” (2008) and is consistent with other current guidance.

The risk posed by viable contaminant linkages is based upon the consideration of both:

- a) the magnitude of the potential consequence (i.e. its severity); and,
- b) the probability (likelihood) of that consequence being realised.

The classifications used in this report for consequence and probability are given in Tables 1 and 2, respectively. The derived risk classifications are defined in Table 3.

Where there is no viable contaminant linkage there is no potential risk.

**Table 1. Classification of Consequence**

Classification	Definition
Severe	<p>Contaminant concentrations at the receptor that are likely to result in “significant harm” to human health (as defined in Part 2A of the Environmental Protection Act 1990).</p> <p>Major pollution of controlled waters that could have persistent and/or extensive effects on water quality, for example fish kills, closure of an abstraction, or substantial deterioration in quality of the receiving water body.</p> <p>Major impact on receptor amenity value or major damage to agriculture or commerce.</p> <p>Major damage to an ecosystem that is likely to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long-term maintenance of the population.</p> <p>Catastrophic damage to crops, buildings or property.</p>
Medium	<p>Elevated concentrations at the receptor that might result in “significant harm” to human health (as defined in Part 2A of the Environmental Protection Act 1990).</p> <p>A pollution incident that has significant effect on water quality or abstraction potential.</p> <p>An incident that has a marked effect on receptor amenity value, agriculture or commerce.</p> <p>Damage to an ecosystem that may result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long-term maintenance of the population.</p> <p>Significant damage to crops, buildings or property.</p>



Classification	Definition
Mild	<p>Potential human health impact at the receptor point but unlikely to be classified as “significant harm” (as defined in Part 2A of the Environmental Protection Act 1990).</p> <p>Pollution of water that will have a small or short-lived effect on water quality and marginal effects on its amenity or resource value or its use in agriculture or commerce.</p> <p>Minor or short-lived damage to ecosystems, which is unlikely to result in a substantial adverse change</p> <p>Minor damage to crops, buildings or property</p>
Minor	<p>No potential measurable detrimental human health impacts at the receptor point.</p> <p>Impact on water that will have no or minimal effect on water quality or use.</p> <p>No or minor and easily repairable effects on buildings, structures and services.</p>

**Table 2. Classification of Probability**

Classification	Definition
High	An impact is already occurring or is very likely in the short-term and almost inevitable over the long-term.
Medium	It is probable that an event would occur. This is not inevitable but possible in the short-term and likely over the long-term.
Low	Circumstances are possible under which an event could occur. However, it is by no means certain that an event will take place, even over the long-term.
Unlikely	Circumstances are such that it is improbable that an event would occur even over the very long-term.

**Table 3. Risk Classification**

Probability	Consequence			
	<i>Severe</i>	<i>Medium</i>	<i>Mild</i>	<i>Minor</i>
<i>High</i>	Very High	High	Moderate	Low
<i>Medium</i>	High	Moderate	Low to Moderate	Low
<i>Low</i>	Moderate	Low to Moderate	Low	Very Low
<i>Unlikely</i>	Low to Moderate	Low	Very Low	Negligible



Table 4 provides a context for interpretation of the risk classification categories. The definitions provided are based on those given in CIRIA (2001) "Contaminated Land Risk Assessment. A Guide to Good Practice", Report C552.

**Table 4. Interpretation of Risk Classification Categories**

<b>Risk Classification</b>	<b>Definition</b>
Very High	There is a high probability that severe harm to one or more identified receptors could occur or there is evidence that this is already happening. This risk is likely to result in a substantial liability. Urgent investigation and remediation are likely to be required.
High	Harm is likely to be caused to one or more identified receptors. Realisation of the risk is likely to present a substantial liability. Urgent investigation is required and remedial works may be necessary in the short-term and are likely over the longer term.
Moderate	It is possible that harm could be caused to one or more identified receptors. However, it is relatively unlikely that such harm would be severe. Investigation is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Low	It is possible that harm could be caused to one or more identified receptors but it is likely that this harm, if realised, would normally be mild. No further investigation is considered necessary to assess risk or environmental liability but investigations could be undertaken if desired to confirm 'baseline' conditions for the purposes of liability management. Remedial works are unlikely to be required.
Very Low	There is a low probability that harm could be caused to one or more identified receptors. In the event of such harm being realised, it is likely to be mild, at worst. No further investigation is considered necessary to assess risk or environmental liability but investigations could be undertaken if desired to confirm 'baseline' conditions for the purposes of liability management. Remedial works are very unlikely to be required.
Negligible	It is unlikely that harm could be caused to one or more identified receptors. In the event of harm being realised, it is likely to be minor. No further investigation is considered necessary to assess risk or environmental liability. Remedial works are not expected.

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