

# **Phase 1 - Desk Study Report**

**For**

**Waddow View, Clitheroe**

**May 2012**

**REPORT NO: 12CHE052/DS**

## **Clients:**

**The Huntroyde Estate**

**and**

**Clitheroe Auction Mart Co. Ltd**

**and**

**Mr John Taylor, Ms Sarah Howard and Ms Samantha Howard**

- *Phase 1 Desk Studies and Site Walkovers*
- *Phase 2 Intrusive Contaminated Land Investigations*
- *Geotechnical Appraisals and Ground Investigations*
- *Landfill Gas Assessments and Remedial Design*
- *Remediation Design and Implementation*
- *Remediation Project Management and Supervision*
- *Site Abnormal Assessments (Foundations and contaminated land)*

## DOCUMENT ISSUE RECORD

Contract No: 12CHE052/DS

Client: The Huntroyde Estate & Clitheroe Auction Mart Co. Ltd and Mr John Taylor, Ms Sarah Howard and Ms Samantha Howard

Contract: Waddow View, Clitheroe

Document: Phase 1 Desk Study Report

Prepared by: S Millar/B Bryant

Checked by: B Bryant

Approved by: M Fawcett

Date: May 2012

## REVISION RECORD

Revision	Date	Description	Prepared by
0	May 2012	Draft	S Millar/B Bryant
1	Sep. 2012	Final with updated proposed layout and additional land parcel	B Bryant

**CONTENTS**

<b>1</b>	<b>EXECUTIVE SUMMARY</b>	<b>2</b>
<b>2</b>	<b>SITE DESCRIPTION</b>	<b>4</b>
	2.1 Introduction	
	2.2 Site Location	
	2.3 Site Description	
<b>3</b>	<b>SITE HISTORY</b>	<b>6</b>
	3.1 On Site	
	3.2 Surrounding Area	
<b>4</b>	<b>SITE SENSITIVITY</b>	<b>7</b>
	4.1 Geology	
	4.2 Mining, extraction and natural cavities	
	4.3 Hydrogeology	
	4.4 Hydrology	
	4.5 Radon	
	4.6 Authorisations, Incidents and Registers	
	4.7 Landfill and Other Waste Sites	
	4.8 Summary of Environmental Sensitivity	
	4.9 Sources	
<b>5</b>	<b>INITIAL CONTAMINATION CONCEPTUAL MODEL</b>	<b>11</b>
	5.1 Source-Pathway-Receptor Linkages	
	5.2 Summary	
	5.3 Geotechnical Risk	
<b>6</b>	<b>SCOPE OF GROUND INVESTIGATION</b>	<b>14</b>
	6.1 Objectives of the Ground Investigation	
	6.2 Proposed Ground Investigation Scope	
<b>7</b>	<b>REFERENCES</b>	<b>15</b>
	APPENDIX A	
	i) Site Location Plan	
	ii) Site Photographs	
	APPENDIX B	
	i) Historical Mapping	
	APPENDIX C	
	i) Envirocheck Report	
	APPENDIX D	
	i) Conceptual Model	
	APPENDIX E	
	i) Notes on Limitations	

1	EXECUTIVE SUMMARY	Action
1.1	<p><b>Site Location:</b> The site is located to the northwest of Clitheroe, Lancashire, (centre coordinates 373860,442200); the proposed site area is approximately 9.2 hectares in total</p>	
1.2	<p><b>Site Description:</b></p> <p><b>On Site:</b> The site is currently accessible via a gate in the southeast corner of site off Milton Avenue is. The site is an irregular in shape, with levels sloping moderately from southeast to northwest towards the River Ribble. The site is currently a collection of open grassed fields with a mixture of hedgerows and trees denoting the boundaries. The fields toward the southwest of site are currently used for grazing (sheep). There is a derelict building near to Milton Avenue. A small stream bisects the site emerging from a culvert around the mid-point of the south eastern boundary and running north-northeast</p> <p><b>Surrounding Area:</b> The site is currently accessible via a gate in the southeast corner of site off Milton Avenue to the southeast of site. The site is an irregular in shape, with levels sloping moderately from southeast to northwest towards the River Ribble. The site is currently a collection of open grassed fields with a mixture of hedgerows and trees denoting the boundaries. The fields toward the southwest of site are currently used for grazing (sheep). There is a derelict building near to Milton Avenue. A small stream bisects the site emerging from a culvert around the mid-point of the south eastern boundary and running north-northeast</p>	
1.3	<p><b>Proposed Development:</b> The development comprises the proposed construction of residential dwellings with associated gardens and infrastructure.</p>	
1.4	<p><b>Site History</b></p> <p><b>On Site:</b></p> <ul style="list-style-type: none"> <li>➤ Site is shown as undeveloped except for agricultural buildings circa 1932, reduced to one building 1994-1997 and derelict 2012.</li> <li>➤ A footpath and drains/stream running through the site, present since 1847.</li> </ul> <p><b>Surrounding Area:</b></p> <ul style="list-style-type: none"> <li>➤ Gas works (S) present within the gas works of site during 1847-1990, gasometers, cranes, chimney's and tanks.</li> <li>➤ Railway line and station (SE) present 1847</li> <li>➤ A reservoir was shown adjacent to southern boundary 1912-1964.</li> <li>➤ Railway line to Gas Works 1886-1970.</li> <li>➤ Grave Yard and Burial Ground 80m north of site present since 1886.</li> <li>➤ 1932-1970 allotments converted to residential properties 120m (S) in 1970.</li> </ul>	<p><i>Ground Investigation Required</i></p>
1.5	<p><b>Geology:</b> Published geology indicates Devensian Till over Clitheroe Limestone Formation and Hodder Mudstone Formation (Undifferentiated).</p>	
1.6	<p><b>Hydrogeology and Hydrology:</b></p> <ul style="list-style-type: none"> <li>➤ The Till beneath site is classed as Unproductive Strata (Negligibly Permeable).</li> <li>➤ The Undifferentiated Limestone and Mudstone beneath the site is classed as a Secondary A Aquifer (Moderate Permeability).</li> <li>➤ The site does not lie within a Groundwater Source Protection Zone outlined by the Environment Agency.</li> <li>➤ The site does not lie within a flood risk area as defined by the Environment Agency.</li> </ul>	

<ul style="list-style-type: none"> <li>➤ Nearest surface water feature is a stream/drain on site.</li> <li>➤ There are no groundwater abstraction licenses within 600m of the site.</li> <li>➤ There have been no discharge consents within 250m of the site.</li> </ul>	
<p><b>1.7 Radon Protection:</b> The Envirocheck report obtained indicates that between 1-3% of properties are above the Action Level and suggests that no radon protection measures are necessary.</p>	
<p><b>1.8 Contamination Risk:</b> Former Gas Works and cemetery off site are a potential contamination risk however, the gas works area has been recently redeveloped and anticipated low mobility soils suggest the risk is lessened.</p>	
<p><b>1.9 Qualitative Risk Assessment:</b> In this qualitative risk assessment, a <u>Low-Low/Moderate</u> risk implies that limited remedial action is likely to be necessary at the site, although until a contamination ground investigation is carried out this cannot be confirmed.</p>	
<p><b>1.10 Proposed Ground Investigation:</b> Proposed Ground Investigation comprises:</p> <ul style="list-style-type: none"> <li>➤ Trial Pitting with JCB 3CX</li> <li>➤ Window sampling (including installation of ground gas monitoring wells)</li> <li>➤ Ground Gas monitoring</li> <li>➤ Soil Sampling for contamination and potential reuse.</li> </ul>	
<p><b>1.11 Geotechnical Risk:</b></p> <ul style="list-style-type: none"> <li>➤ Potential shrink/swell within anticipated clays on site due to the existing mature hedgerows and trees.</li> <li>➤ Drain/Streams causing localised flooding and damage to embankments.</li> <li>➤ Potential former foundations in the vicinity of the existing derelict building on site</li> </ul>	

## 2 SITE DESCRIPTION

### 2.1 Introduction

This investigation was carried out on the joint instruction of and on behalf of The Huntroyde Estate and Clitheroe Auction Mart Co. Ltd and Mr John Taylor, Ms Sarah Howard and Ms Samantha Howard. The purpose of the work was to carry out a desk study to establish ground conditions to provide contamination risk information the proposed construction of residential properties with associated gardens and infrastructure.



Snapshot of *Masterplan Drawing* by MCK Associates Ltd dated May 2012 reference: 11-021-1002

### 2.2 Site Location

The site is located to the northwest of Clitheroe, Lancashire, (centre coordinates 373860,442200); the proposed site area is approximately 9.2 hectares in total. See Site Location Plan in Appendix A.

### 2.3 Site Description

#### 2.3.1 On Site

A site walkover was undertaken by an Engineer on 14<sup>th</sup> May 2012. Photographs can be found in Appendix A.

The site is currently accessible via a gate in the southeast corner of site off Milton Avenue to the southeast of site. The site is an irregular in shape, with levels sloping moderately from southeast to northwest towards the River Ribble. The site is currently a collection of open grassed fields with a mixture of hedgerows and trees denoting the boundaries. The fields toward the southwest of site are currently used for grazing (sheep). There is a derelict building near to Milton Avenue. A small stream bisects the site emerging from a culvert around the mid-point of the south eastern boundary and running north-northeast (see site map for further details and photographs in Appendix A).



Site map showing features on site – May 2012

### 2.3.2 Surrounding Area

To the north, west and south west the area is predominantly agricultural land which extends towards the River Ribble to the northwest. Residential properties surround the site to the north east, east and south east. There are residential properties immediately to south of the site.

East of the site is a railway line which is 100m from the eastern boundary and Clitheroe Railway Station is 200m away from the eastern boundary.

To the northwest 100m north of the northern boundary is a graveyard and burial ground north of Waddington Road.

### 3 SITE HISTORY

A search of available historic maps was undertaken to establish the land use history of the site. Extracts of the maps discussed below can be found in Appendix B of this report. All maps are Ordnance Survey unless otherwise stated. All distances quoted on OS maps are taken from the site boundary, which is marked on the map. References are as per Section 2 of this report.

#### 3.1 On Site

Date	Area
1847-2012	Site is shown as undeveloped, footpath and streams/drains shown.
1886-2012	Culvert shown on the bend in large drain/stream that goes along northern boundary
1912	Two buildings shown 70m northwest of Albion Works adjacent to larger field boundary and stream, gone by 1932. Agricultural buildings appear on corner of the eastern boundary, still present in derelict form 2012.
1964-1965	Stream on the north western boundary denoted as a drain.
1993	Drains shown adjacent to southeast boundary, Back Commons (Road).
1994	Agricultural buildings in north east reduced to single building.

#### 3.2 Surrounding Area

Date	Area (compass direction)
1847	Gas works with weighing machine and gasometers, adjacent to (S) boundary. Railway line and station present (SE).
1886	First reference to Albion Works (Bobbin & Shuttle), adjacent to (S) boundary. Grave Yard (100m) and Burial Ground (80m) to (N) still present 2012. Residential properties appear 50m (SE) of Gas Works.
1890	Railway extends into Gas Works. Tanks present at Gas Works (S).
1912	Reservoir, two chimneys present at Gas Works adjacent to (S) boundary. Residential properties (E). Residential properties extended adjacent to Albion Works (S). Footpath present SE to NE in eastern field.
1932	3 gasometers, 1 extra chimney and cranes present at Gas Works and Albion Works(S). Extensional of residential properties (Milton Avenue) (E). Playground adjacent to (E) boundary. Allotments (S).
1955	Two gasometers present (S).
1964-1965	Albion Works known as Works (agricultural) (S). Playground to (E) no longer shown. Reservoir no longer shown.
1970	Gas Works known as Gas Holder Station (S). Allotments 120m (S) turned to residential. Railway line to Gas Works no longer shown.
1981-1986	One gasometer/gas holder present (S). Land adjacent to (E) boundary large carpark with small playground.
1990	Gasometers/gas holders no longer shown (S).
1993	No evidence of Gas Works (S). Former Albion Works known as Works, shown as residential buildings 1993-1995 (S).
1994-1997	Agricultural buildings (N) near Milton Avenue reduced to single building. Former Gas Works turned into residential properties (S).
2006-2012	No significant changes.

## 4 SITE SENSITIVITY




The following section details both geological and environmental data available for the site and the surrounding area. Full details can be found in the Envirocheck Reports by Landmark Information Group located in Appendix C. It should be noted that all site boundaries within the maps and data sets are indicative and can potentially be skewed, the site layout within Appendix A should be referred to with regards to site extents.

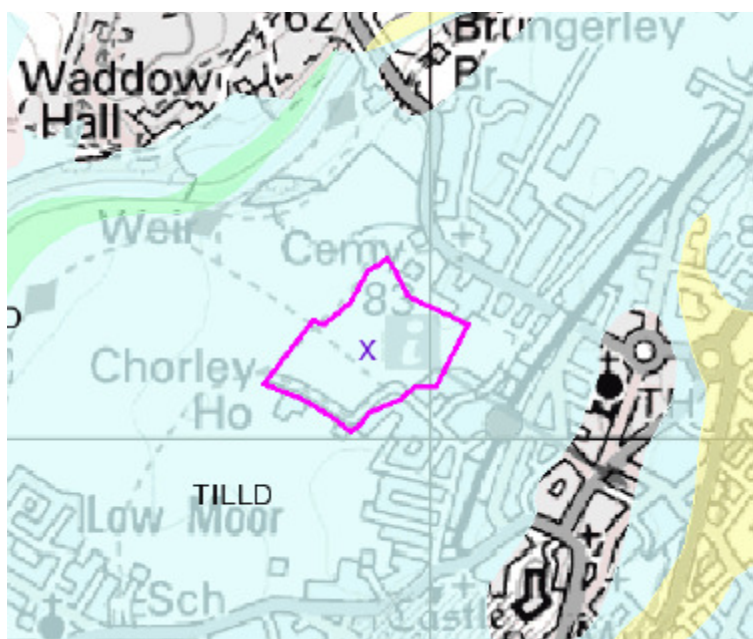
### 4.1 Geology

The documented geology of the site is summarised on British Geological Survey map principally and extracts of the BGS maps can be seen below:

Drift	Solid
Till (Devansian)	Clitheroe Limestone Formation and Hodder Mudstone Formation (Undifferentiated)

### Superficial Geology

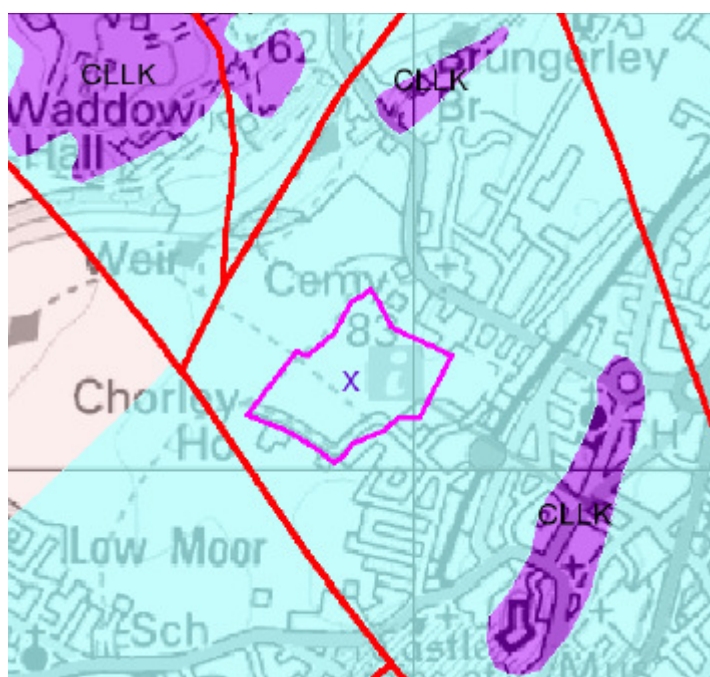
Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	TILLD	Till, Devensian	Diamicton	Devensian - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Diamicton	Devensian - Devensian



Note: Site boundaries are indicative due to potential skewing of areas within the data sets

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PRMT	Permian Rocks and Triassic Rocks (Undifferentiated)	Sandstone and Mudstone	Triassic - Permian
	CLHOM	Clitheroe Limestone Formation and Hodder Mudstone Formation (Undifferentiated)	Mudstone	Holkerian - Chadian
	CLLK	Clitheroe Limestone Formation (Knoll-Reef)	Limestone	Chadian - Chadian



Note: Site boundaries are indicative due to potential skewing of areas within the data sets

#### 4.2 Mining, Extraction and Natural Cavities

The table below shows the mining data available (if any) for the ground under the site as shown the Centremaps Geolnsight report in Appendix C.

Type of Mining	Comment	Distance from site
Coal Mining	No	-
Non-Coal Mining	Yes	350m from site (N) clay and shale, ceased.

#### 4.3 Hydrogeology

- The Till beneath site is classed as Unproductive Strata (Negligibly Permeable).
- The Limestone/Mudstone Formations on site are classed as a Secondary A Aquifer (Moderate Permeability).
- The site does not lie within a Groundwater Source Protection Zone outlined by the EA.

#### 4.4 Hydrology

- The site does not lie within a flood risk area as defined by the Environment Agency.
- Nearest surface water feature is a stream/drain that flows from the southern boundary to the northern boundary on site. The River Ribble lies to the west approximately 340m from the western boundary.
- There are no groundwater abstraction licenses within 600m of the site.
- There have been no discharge consents within 250m of the site.
- The most recent record of River Water Quality is for the River Ribble in 2009 and recorded a GQA Grade A – Very Good.

#### 4.5 Radon

The Envirocheck report obtained indicates that between 1-3% of properties are above the Action Level and suggests that no radon protection measures are necessary in the construction of new dwellings or extensions. Given that there are areas in the vicinity which are deemed to require Radon Protection Measures; it may be prudent to obtain a Radon Protection Report from the British Geological Survey to confirm this.

#### 4.6 Authorisations, Incidents and Registers

There are three recorded pollution incidents to controlled waters within 300m of the site as detailed below:

Distance/Direction from site	Incident details	Receiving water	Severity
0m S	08.09.93- Pollutant: Oils	Cemetery Beck	Cat. 3: Minor Incident
0m S	28.09.93- Pollutant: Oils	Cemetery Beck	Cat. 3: Minor Incident
264m NE	28.01.93- Industrial Effluent	Pimlico Brook	Cat. 2: Significant Incident

There have been no records of incidents on the Substantiated Pollution Incident Register within 300m of the site.

#### 4.7 Landfill and Other Waste Sites

There are no records within 500m of the site.

#### 4.8 Summary of Environmental Sensitivity

The following section is a review of the environmental sensitivity of the site as discussed in Sections 2-4. Significant potential risks are discussed in the following subsections and will then be evaluated as part of the Site Conceptual Model in Section 5.

Sources are defined as where pollution comes from, pathways are a route in which the pollution travels and receptors are anything affected by a pollutant. Further details on Source-Pathway-Receptor methodology can be found in Appendix D.

The table below focuses on significant site specific sources, pathways and receptors. More 'generic'

pathways and receptors (such as site end uses) will be covered as part of the full Site Conceptual Model in Section 5.

#### 4.9 Sources

Source	Dist/ Dir	Details	Significant Risk Yes/no
<b>Gas Works</b>	10m S	The former gas works is a potential contamination and ground gas source. The fact that the gas works lies topographically down gradient of the site and has been redeveloped <20 years ago (indicating some remedial measures should have been undertaken) and cohesive soils are anticipated suggests the risk of contamination migration from this source is lessened.	<b>Yes</b>
<b>Reservoir</b>	20m S	The reservoir was backfilled >50 years ago, backfilled materials should have ceased gassing. Given the anticipated cohesive nature of the soils on site, the contamination/ground gas risk from this source is low	<b>No</b>
<b>Cemetery</b>	80m N	The burial ground 80m from site is a potential ground gas/contamination risk. Given the anticipated cohesive nature of the soils beneath site, the risk of contamination migration from this source is low.	<b>No</b>
<b>Former Railway</b>	100m SE	The railway is a potential contamination source. The fact that the former railway lies topographically down gradient of the site, has been redeveloped <20 years ago (indicating some remedial measures should have been undertaken) and cohesive soils are anticipated suggests the risk of contamination migration from this source is lessened.	<b>Yes</b>

Pathways	Dist/ Dir	Details	Significant Risk Yes/no
<b>Drains/Stream</b>	0m on site & N	Any pollution on or around site can be utilised by the uncovered drains/stream that are present on the site and adjacent to the northern boundary.	<b>Yes</b>

## 5 INITIAL CONTAMINATION CONCEPTUAL MODEL

For details on how the conceptual model is evaluated please refer to Appendix D.

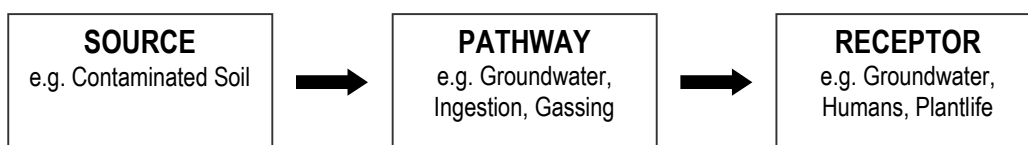
This section of the report aims to identify land which could potentially be affected by contamination, such that it could affect the value or re-use of the land, or such that mitigation would be required for certain proposed end uses of the land.

Potential contamination sources and environmentally sensitive receptors have been discussed in Section 5. Potentially significant risks are evaluated as part of the subsequent sub-sections.

### 5.1 Source-Pathway-Receptor Linkages

The risk assessment uses a 'Source-Pathway-Receptor' methodology for assessing whether a source of contamination could potentially lead to harmful consequences. This means that there needs to be a pollutant linkage from source to receptor for harm to be caused, this linkage consisting of: a source of pollution; a pathway for the pollutant to move along; a receptor that is affected by the pollutant.

The current potential risks to site arising from various source-pathway-receptor linkages are assessed below. A risk may be considered significant if all three of the stages are present and therefore providing a pollution linkage. The various sources, pathways and receptors are considered separately. The assessment is based on the future use, which is understood to be residential with garden areas and hardstanding.



Type of Contamination	Potential Sources	Potential Pathway	Potential Receptors	Pollution Linkage	Comment	Estimated Level of Risk
<b>Ground Gas</b>	Former Gas Works Off Site	Inhalation of Vapours	Construction/ Maintenance Workers	<b>Potentially Active</b>	Given the anticipated cohesive nature of the soils beneath site, the risk of ground gas is deemed low, however should organic material be encountered,	<b>Low</b>
	Existing Cemetery off site	Vapours Penetrating Unprotected Buildings	Future Site Users	<b>Potentially Active</b>	Given the anticipated cohesive nature of the soils beneath site, the risk of ground gas is deemed low	<b>Low</b>
<b>Near Surface Contaminants Within Soils</b>	Former Gas Works Off Site Former Railway Offsite	Ingestion, Inhalation, Dermal Contact	Current Site Users	<b>Potentially Active</b>	The site is accessible by the public at present, though no evidence of contamination was encountered during the walkover. A ground investigation is required to benchmark risk to current site users	<b>Low-Moderate</b>
			Construction Workers	<b>Potentially Active</b>	Potential contamination risk however PPE significantly reduces this	<b>Low</b>
			Future Site Users	<b>Potentially Active</b>	No significant contamination anticipated however a ground investigation is required to confirm	<b>Moderate</b>
			Adjacent Land Users	<b>Potentially Active</b>	Adjacent site users could potentially be exposed to dust arising from construction, post construction risks are negligible. Control of excavations via contractor with remedial plan will reduce the risk significantly	<b>Low</b>
	Direct Contact	Structures	<b>Potentially Active</b>	Structures within the ground could be susceptible to attack from aggressive ground conditions and may need to be protected-chemical analysis should be undertaken to confirm this	<b>Low</b>	
	Absorption in Root Zone	Plants	<b>Potentially Active</b>	Plants could be affected by phytotoxic determinands. Ground investigation should be undertaken to confirm this where residential gardens are proposed	<b>Moderate</b>	
<b>Mobile Contaminants, Leachables e.g. From Pollution Sources Adjacent to Site</b>	Former Gas Works Off Site	Leaching into Groundwater	Groundwater	<b>Potentially Active</b>	No significant sources on site. Cohesive stata anticipated suggests low mobility of determinands from offsite sources	<b>Low</b>
	Former Railway Offsite	Off Site Migration in Groundwater	Abstractions	<b>Potentially Active</b>	No current water abstraction <500m from site	<b>Low</b>
	Existing cemetery off site		Controlled Waters	<b>Potentially Active</b>	The surface ditch/drains appear to flow from underneath adjacent site which used to be Gas Works as such may pose an environmental risk.	<b>Moderate</b>
<b>Organic and Inorganic Contaminants Within Soils/ Groundwater</b>	Former Gas Works Off Site Former Railway Offsite Existing cemetery off site	Potable Water Supply Pipes	Utilities Workers	<b>Potentially Active</b>	Some organic materials are may to penetrate plastic pipes, protectaline is anticipated to reduce the potential risk.	<b>Low</b>

## 5.2 Summary

In this qualitative risk assessment, a **Low/Low-Moderate** risk implies that limited remedial action is likely to be necessary at the site, although until a contamination ground investigation is carried out this cannot be confirmed.

**Action: It is recommended that an intrusive ground investigation is undertaken.**

## 5.3 Geotechnical Risk

- Potential shrink/swell within anticipated clays on site due to the existing mature hedgerows and

trees.

- Drain/Streams causing localised flooding and damage to embankments.
- Potential former foundations in the vicinity of the existing derelict building on site

## 6 SCOPE OF GROUND INVESTIGATION

### 6.1 Objectives of the Ground Investigation

The objectives of the intrusive ground investigation will be to:

- Clarify the 'Initial Contamination Conceptual Model'.
- Clarify the initial risk assessment.
- Benchmark the contamination status of the site/add to the previously undertaken investigation.
- Provide data for the design of any remedial works that may be required.

### 6.2 Proposed Ground Investigation Scope

On assessing the previous potential risks on site, we have compiled the following recommendations for further investigation.

- Approximately 36 No Trial pit using a JCB 3CX or equivalent.
- Approximately 35-45 No soil samples taken for chemical analysis to benchmark contamination levels across the site targeted to residential gardens (based on a 40m grid system). Proposed testing will include but not be limited to the following; heavy metals suite (comprising; As, Cd (low level), Cr Vi, Pb, Hg, Se, Ni, Cu, Zn), Organic Matter, Sulphate, pH, speciated polycyclic aromatic hydrocarbons, and speciated petroleum hydrocarbons.
- 10 No small diameter boreholes to 3.00mbgl installed with ground gas/water monitoring wells
- A minimum of 6 No ground gas monitoring visits over a 3 month period with varying weather conditions and barometric pressures.
- Atterburg Limit/Moisture content tests to benchmark the plasticity of the clay beneath the site.
- Soil samples should be taken from both the Made Ground where evident and the natural strata to assess the mobility of potential contamination and the potential re-use of arisings.
- Should visual/olfactory contamination and/or elevated determinands be encountered (specifically in relation to the former gas works/reservoir) additional testing for VOCs/SVOCs and asbestos will be required.
- Should elevated determinands be encountered on site, additional leachate and/or groundwater testing will be required to assess mobility of determinands. Water samples in the drainage channels may also be prudent.

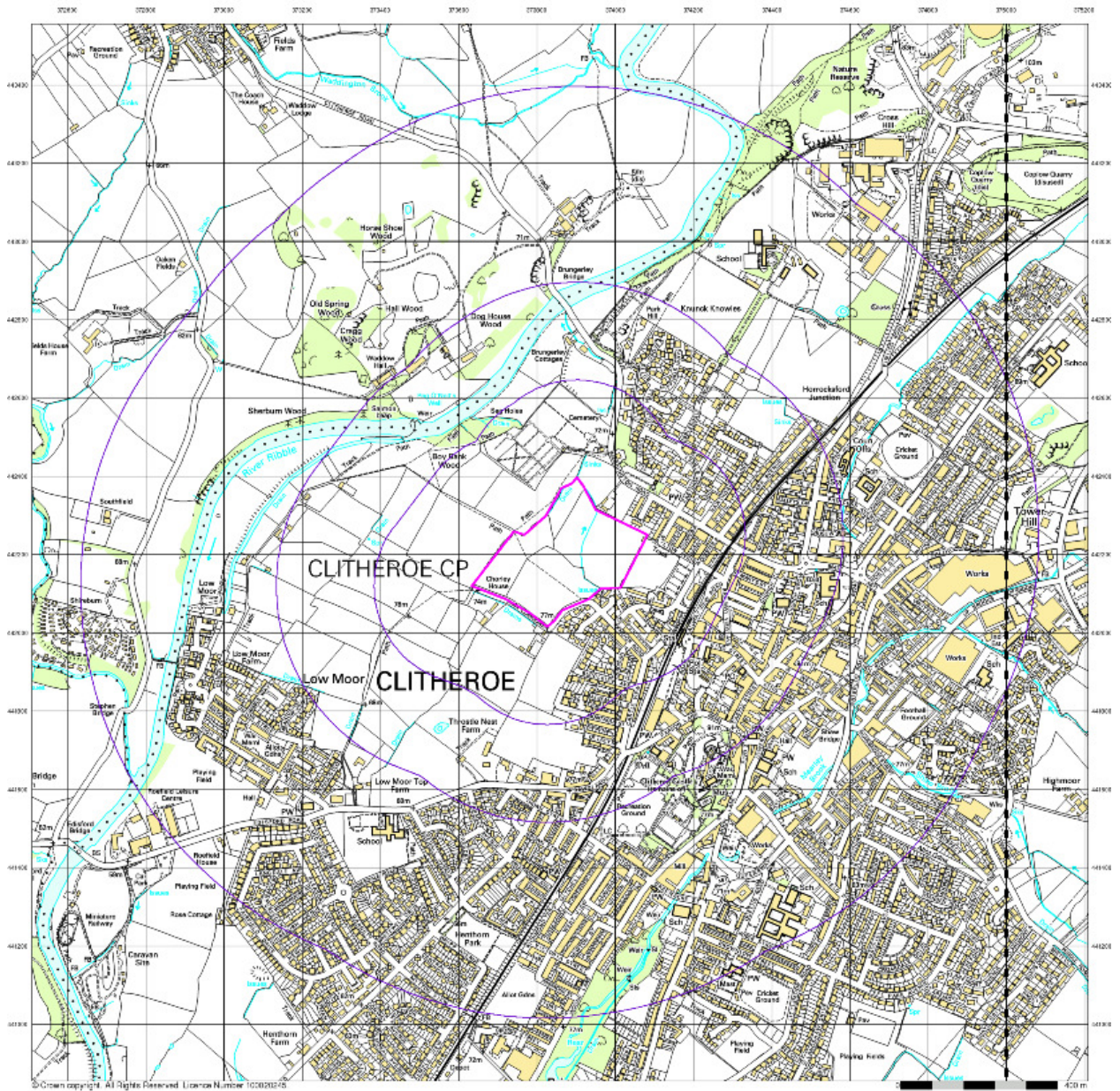
The scope of works should be agreed with the Local Authority prior to the intrusive ground investigation and as such may change

## 7 REFERENCES

- 7.1 BS 5930:1999 Code of Practice for Site Investigation.
- 7.2 BS10175:2011 Investigation of potentially contaminated sites- Code of practice
- 7.3 R & D Publication CLR 8 (March 2002) Assessment of Risks to Human Health from Land Contamination: An Overview of the Development of Soil Guideline Values and Related Research. Environment Agency.
- 7.4 R & D Publication CLR 10 (March 2002) The Contaminated Land Exposure Assessment Model (CLEA): Technical basis and algorithms. Environment Agency.
- 7.5 Contaminated Land Risk Assessment; a Guide to Good Practice; CIRIA C552: 2001.
- 7.6 BRE 211 Radon: guidance on protective measures for new buildings (including supplementary advice for extensions, conversions and refurbishment) (2007 edition)
- 7.7 Assessment of risks to human health from land contamination: an overview of the development of guideline values and related research. EA, 2002
- 7.8 *Contaminated Land Risk Assessment; A Guide to Good Practice; CIRIA C552: 2001.*
- 7.9 *Health and Safety in Construction, HSG150, HSE, 1996.*
- 7.10 *Baker W (1987), Investigation Strategy - lecture at City of Birmingham Development Department Symposium on Methane Generating Sites, 9 December 1987, Industrial Research Laboratories, Birmingham*
- 7.11 *NHBC Standards, Chapter 4.2, 2003 Building Near Trees*
- 7.12 *Piling In Layered Ground: Risks to Groundwater and Archaeology Science Report SC020074/SR Environment Agency October 2006*
- 7.13 *Piling and Penetrative Ground Improvement Methods on Land Affected by Contamination: Guidance on Pollution Prevention National Groundwater & Contaminated Land Centre report NC/99/73 F J Westcott, C M B Lean & M L Cunningham May 2001*
- 7.14 *'Guidance on Evaluation of Development Proposals on Sites Where Methane and Carbon Dioxide are Present', Report Edition No.04 March 2007 NHBC – designed for use with low rise residential properties*
- 7.15 *CIRIA C665 'Assessing risks posed by hazardous ground gases for buildings' 2007 - for high rise residential / flats*
- 7.16 *BS8485:2007 'Code of practice for the characterization and remediation from ground gas in affected developments'*
- 7.17 *BRE 414 'Protective measures for housing on gas-contaminated land' Roger Johnson, Parkman Environment 2001*
- 7.18 *BS 8500- 1:2006 'Concrete – Complementary British Standard to BS EN 206-1 – Part 1: Method of specifying and guidance for the specifier' November 2006*
- 7.19 *'Planning Policy 23:Planning and Pollution Control' Office of the Deputy Prime Minister 2004*
- 7.20 *CLR11 'Model Procedures for the Management of Land Contamination' DEFRA 2004*

# APPENDIX A

## (i) Site Location Plan



**Site Location Plan**  
11CHE052/DS  
Waddow View, Milton Avenue, Clitheroe,  
BL6 4DG

ii) Site Photographs











## **APPENDIX B**

### **(i) Historical Mapping**

## Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

### Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

### Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

### Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

## Client Details

Mr M Fawcett, Betts Geo Environmental, Old Marsh Farm  
Barns, Welsh Road, Sealand, Flintshire, CH5 2LY

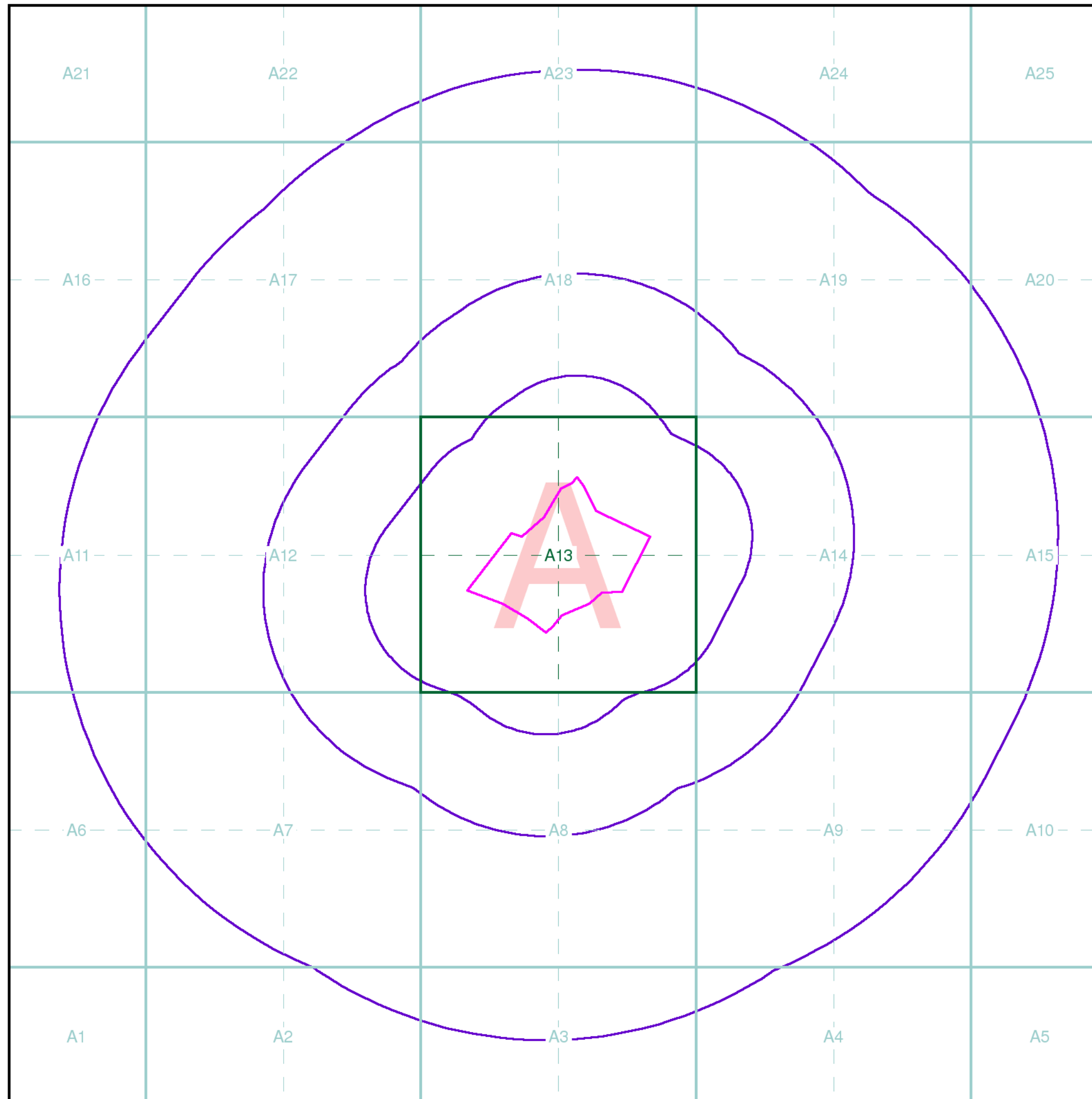
## Order Details

Order Number: 38971767\_1\_1  
Customer Ref: 12CHE052  
National Grid Reference: 373870, 442190  
Site Area (Ha): 8.29  
Search Buffer (m): 1000

## Site Details

Site at, Clitheroe, Lancashire

Full Terms and Conditions can be found on the following link:  
<http://www.landmarkinfo.co.uk/Terms/Show/430>



# 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)**  
**Boundary Post or Stone**   **Police Call Box**  
**B.R. Bridle Road**   **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

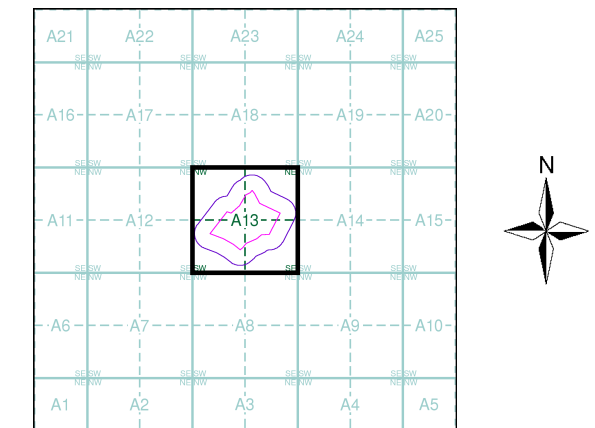
**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard 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**  
**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
Lancashire And Furness	1:2,500	1886	2
Yorkshire	1:2,500	1886	3
Yorkshire	1:2,500	1908	4
Lancashire And Furness	1:2,500	1912	5
Lancashire And Furness	1:2,500	1932	6
Ordnance Survey Plan	1:2,500	1964 - 1965	7
Ordnance Survey Plan	1:2,500	1970 - 1977	8
Additional SIMs	1:2,500	1981 - 1986	9
Additional SIMs	1:2,500	1990	10
Large-Scale National Grid Data	1:2,500	1993	11
Large-Scale National Grid Data	1:2,500	1993 - 1995	12
Large-Scale National Grid Data	1:2,500	1994 - 1997	13
Large-Scale National Grid Data	1:2,500	1995 - 1996	14
Large-Scale National Grid Data	1:2,500	1995 - 1997	15
Large-Scale National Grid Data	1:2,500	1995 - 1997	16
Large-Scale National Grid Data	1:2,500	1996	17
Large-Scale National Grid Data	1:2,500	1996	18
Large-Scale National Grid Data	1:2,500	1997	19

## Historical Map - Segment A13



## Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

## Site Details

Site at, Clitheroe, Lancashire



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

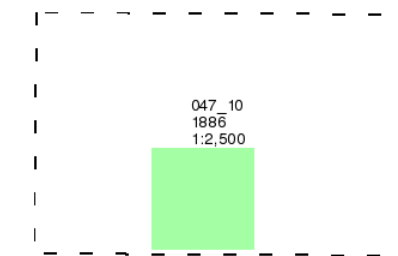
## Lancashire And Furness

Published 1886

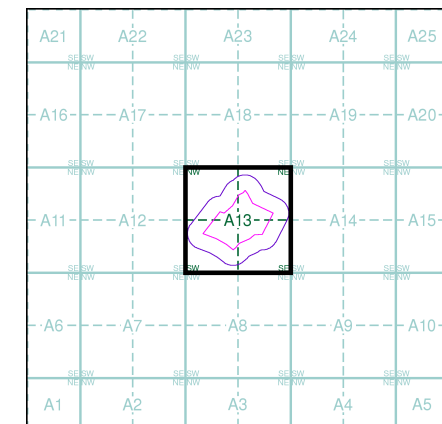
Source map scale - 1:2,500

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

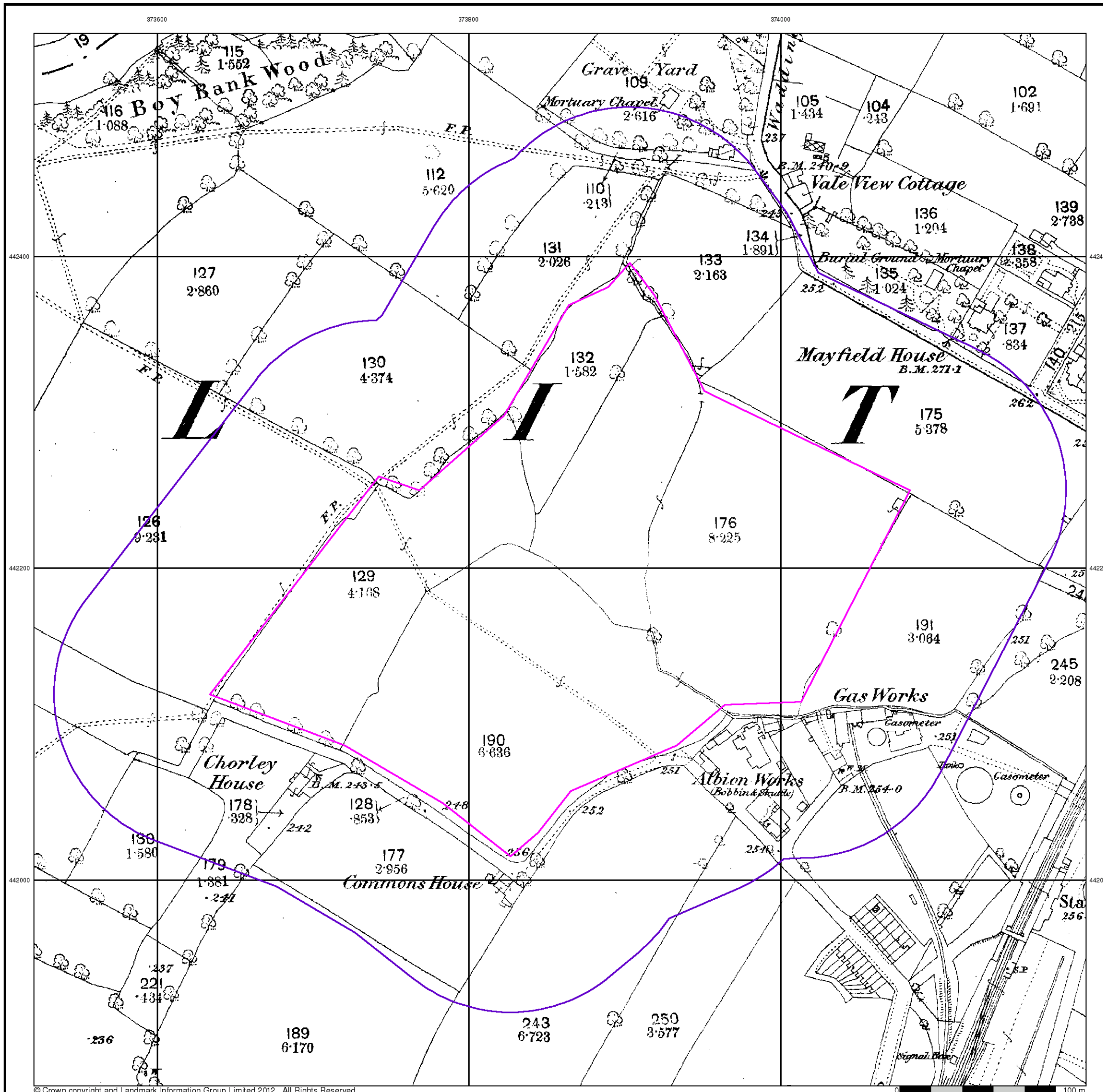


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



Yorkshire

Published 1886

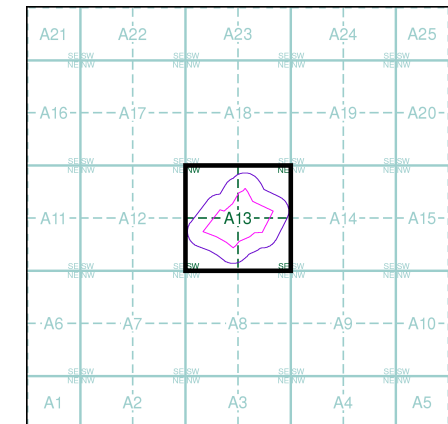
Source map scale - 1:2,500

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)

182_10 1886 1:2,500	182_11 1886 1:2,500
182_14 1886 1:2,500	

Historical Map - Segment A13

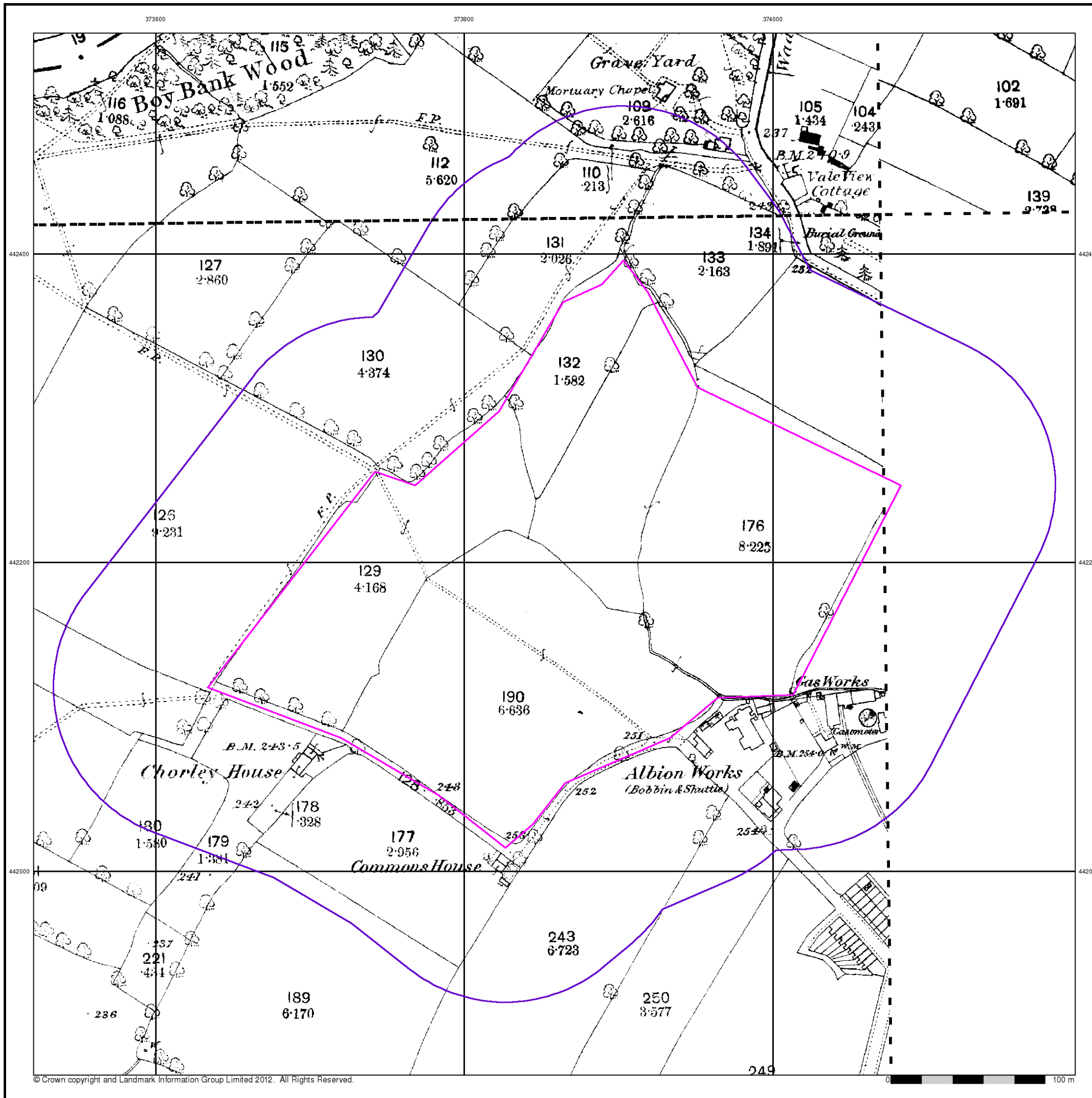


Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

Site Details

Site at, Clitheroe, Lancashire



## Yorkshire

Published 1908

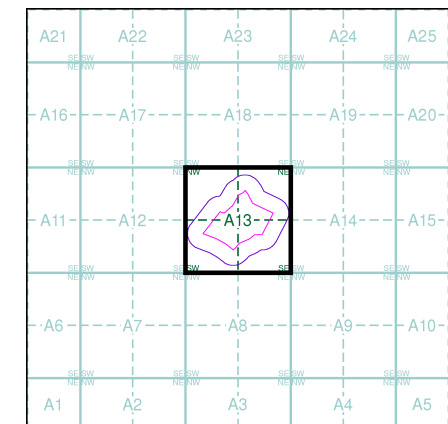
Source map scale - 1:2,500

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)

182_10 1908 1:2,500	182_11 1908 1:2,500
182_14 1908 1:2,500	

### Historical Map - Segment A13

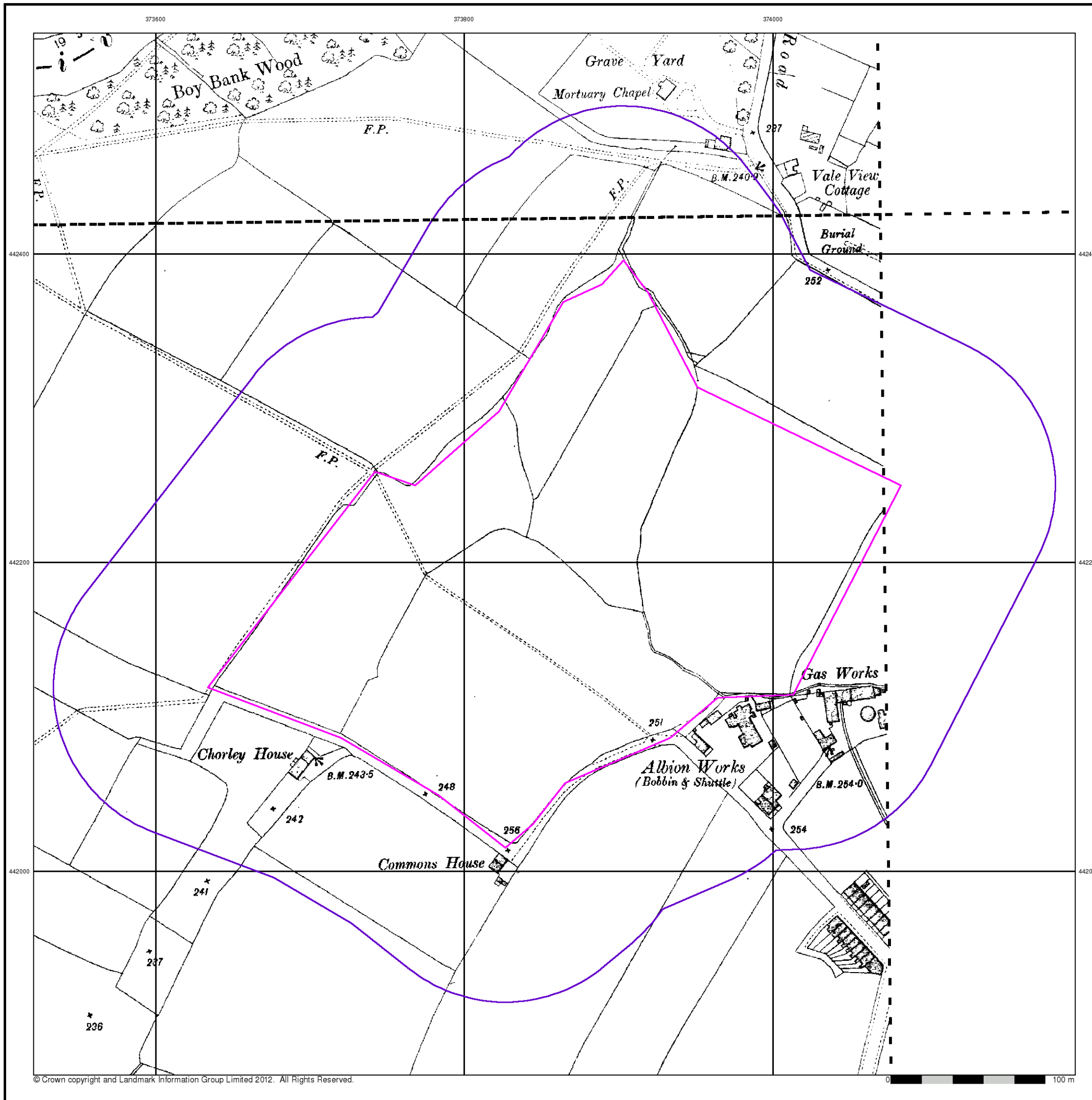


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

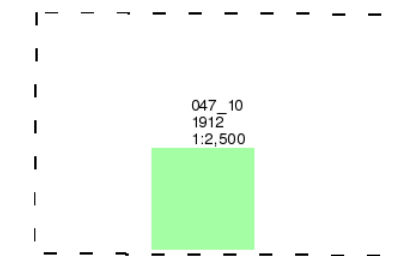
Site at, Clitheroe, Lancashire



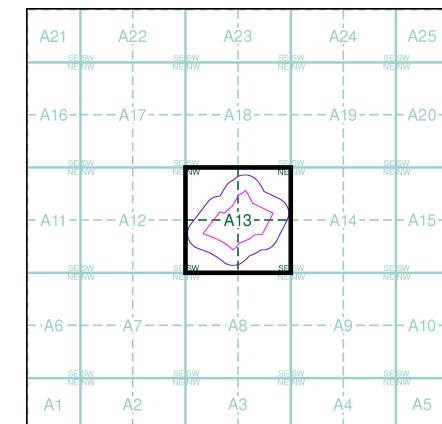
**Lancashire And Furness**  
**Published 1912**  
**Source map scale - 1:2,500**

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**

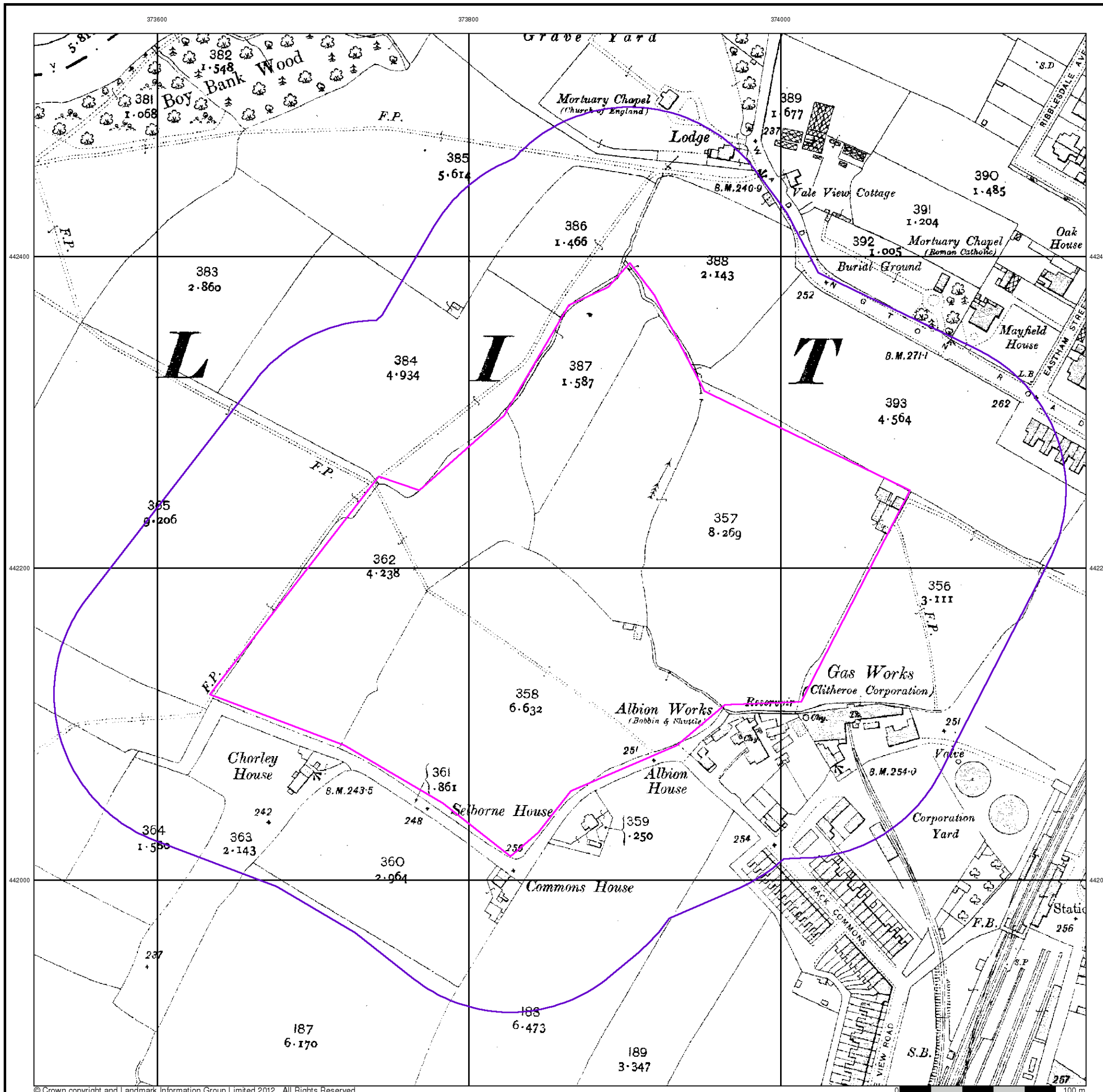


**Order Details**

Order Number: 38971767\_1\_1  
Customer Ref: 12CHE052  
National Grid Reference: 373860, 442200  
Slice: A  
Site Area (Ha): 8.29  
Search Buffer (m): 100

**Site Details**

Site at, Clitheroe, Lancashire



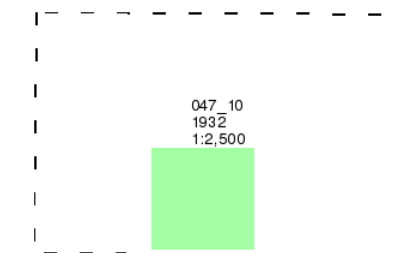
## Lancashire And Furness

Published 1932

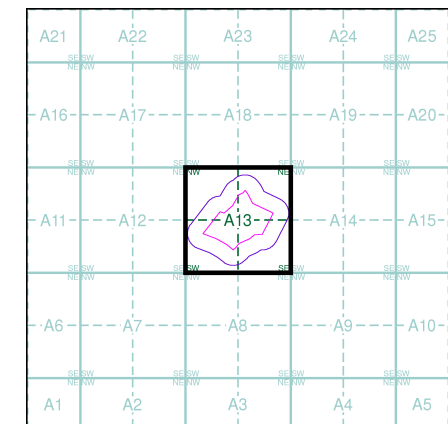
Source map scale - 1:2,500

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

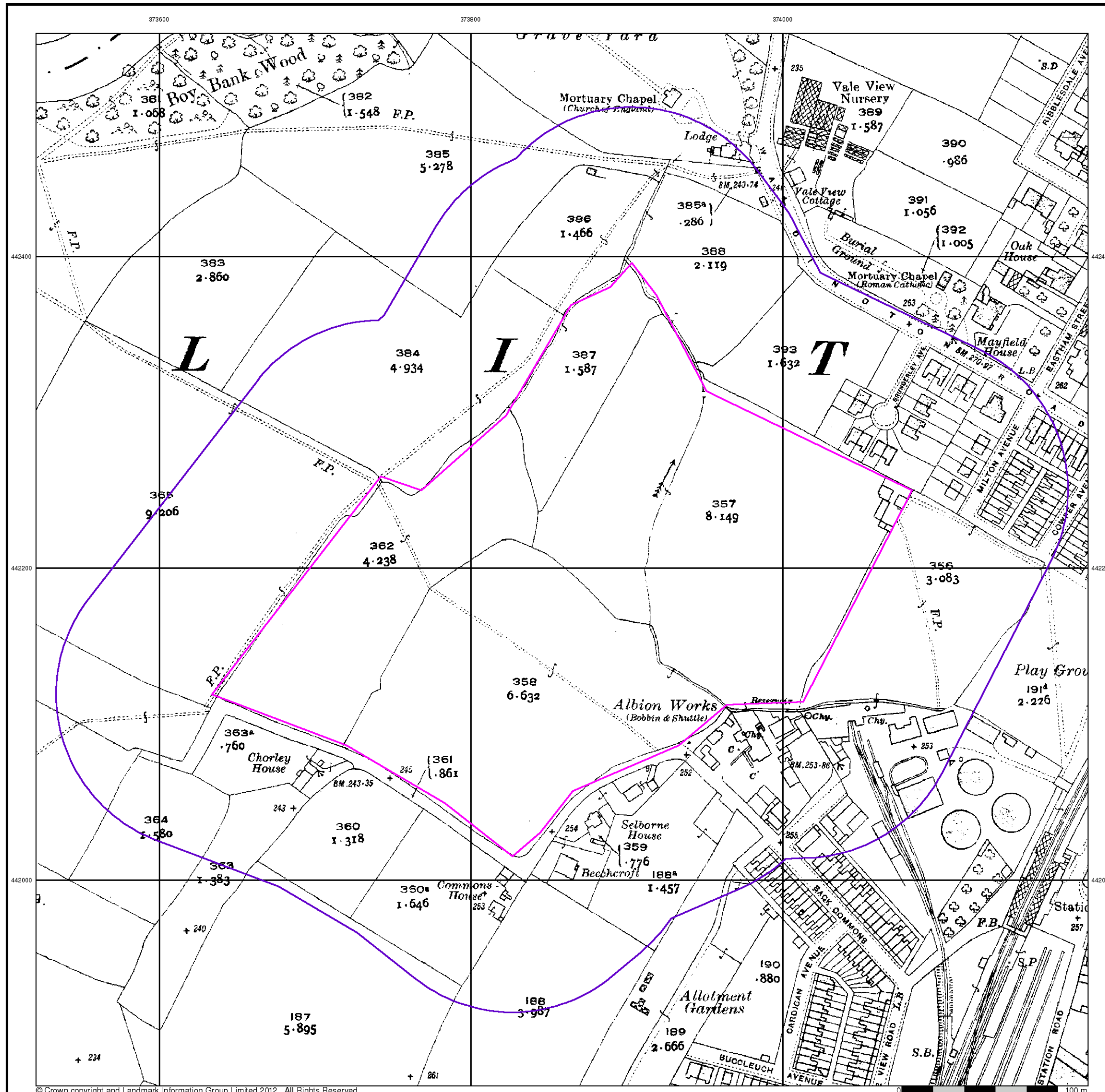


### Order Details

Order Number: 38971767\_1\_1  
Customer Ref: 12CHE052  
National Grid Reference: 373860, 442200  
Slice: A  
Site Area (Ha): 8.29  
Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



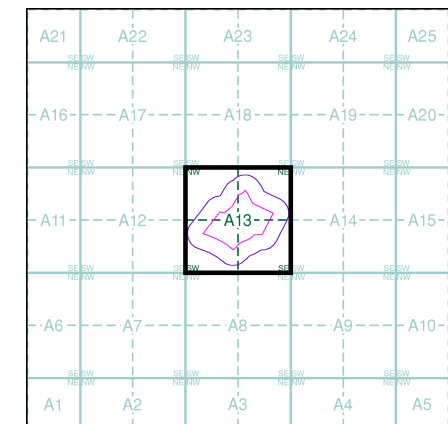
**Ordnance Survey Plan**  
**Published 1964 - 1965**  
**Source map scale - 1:2,500**

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)**

SD7342 1964 1:2,500	SD7442 1964 1:2,500
SD7341 1964 1:2,500	SD7441 1965 1:2,500

**Historical Map - Segment A13**

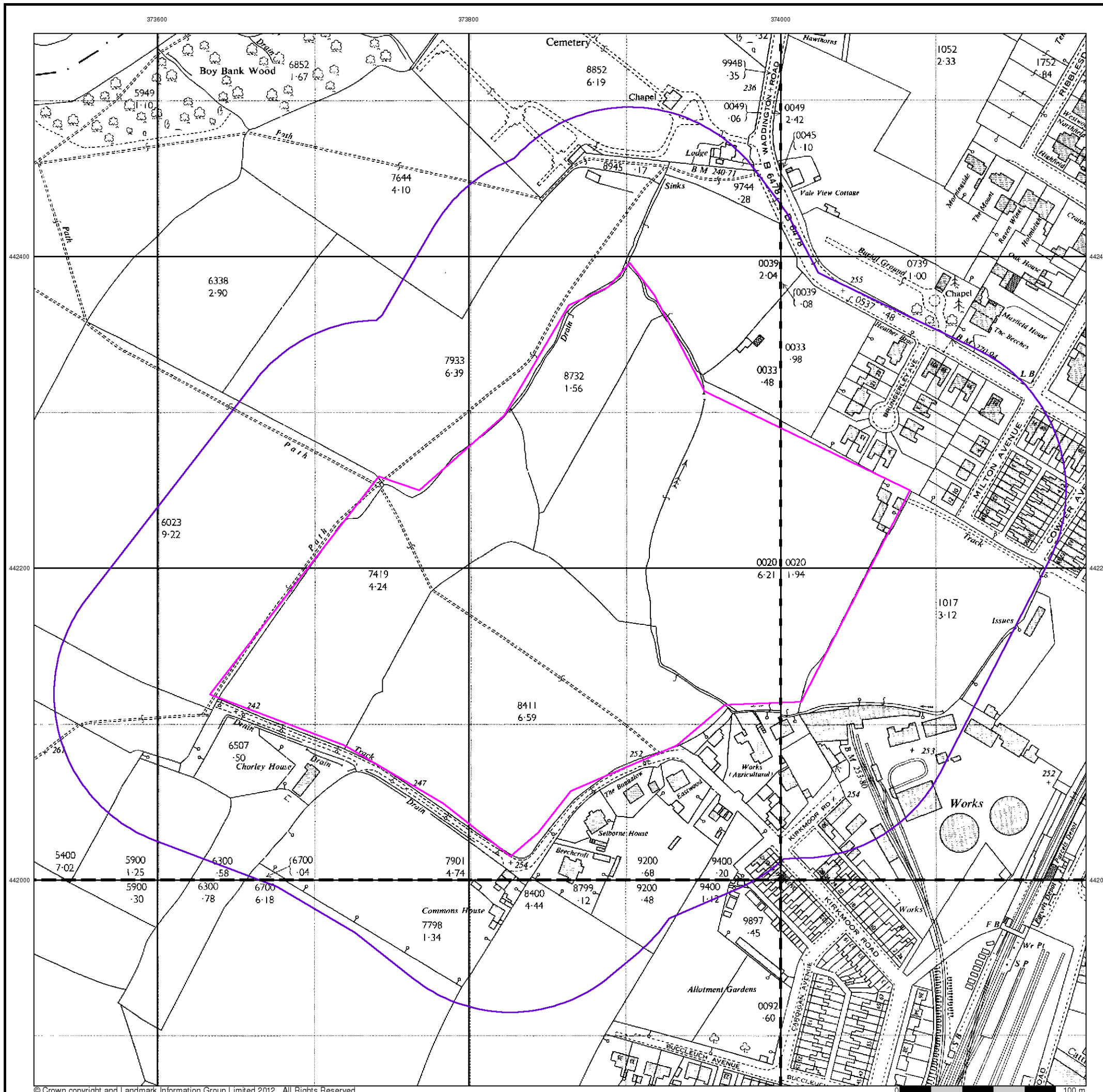


**Order Details**

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

**Site Details**

Site at, Clitheroe, Lancashire



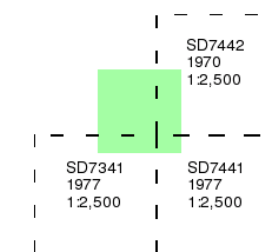
## Ordnance Survey Plan

Published 1970 - 1977

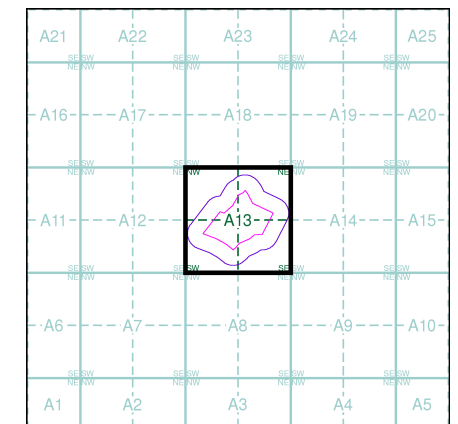
Source map scale - 1:2,500

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

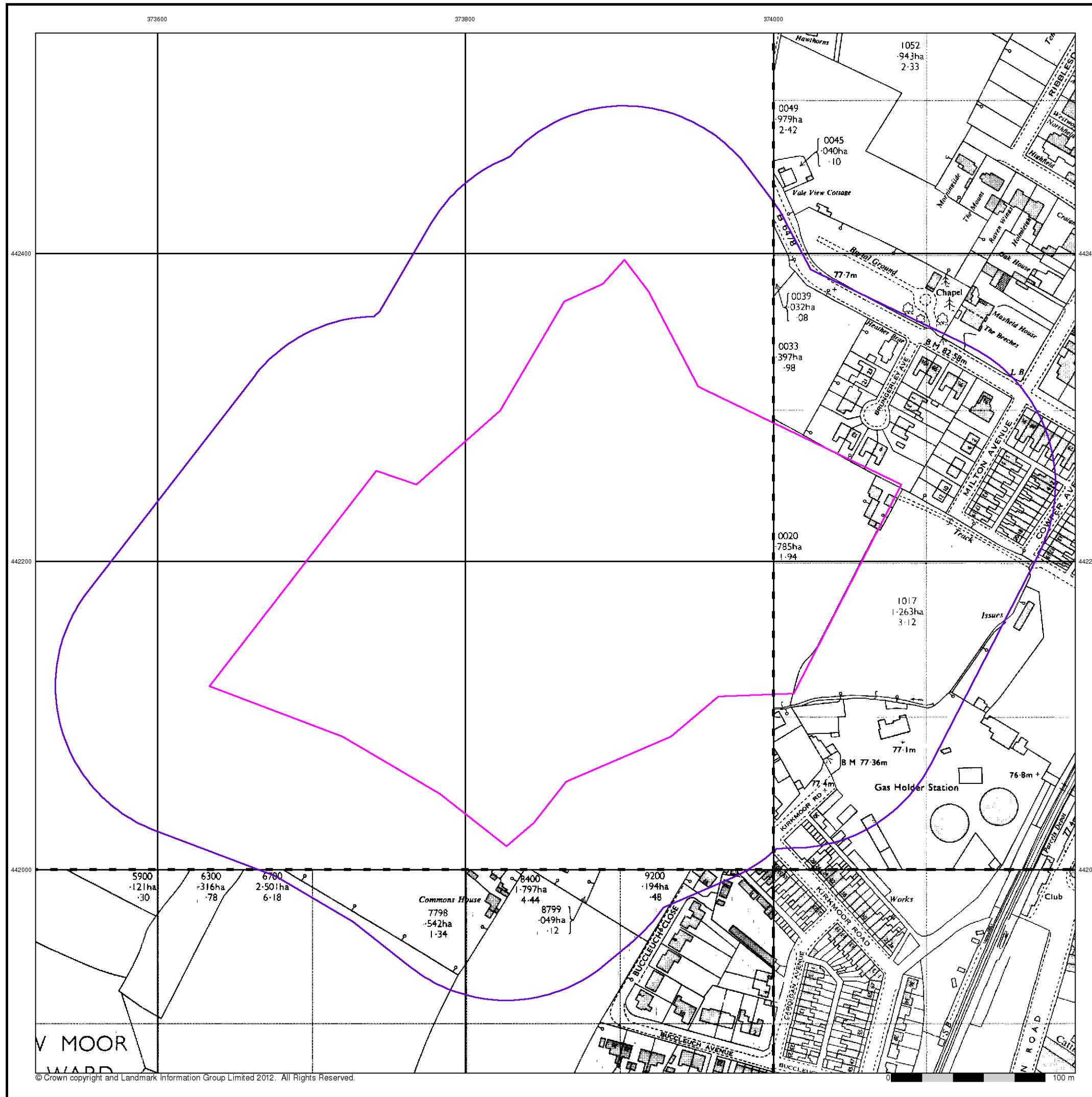


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



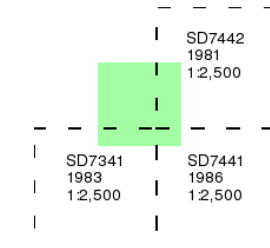
### Additional SIMs

Published 1981 - 1986

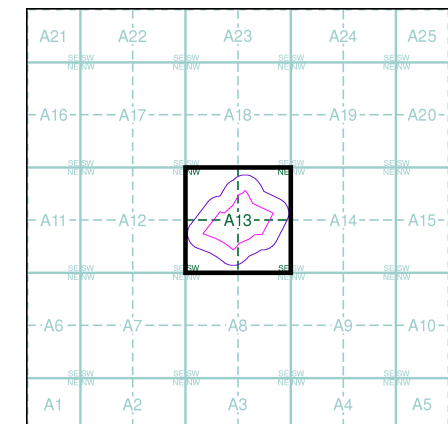
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13

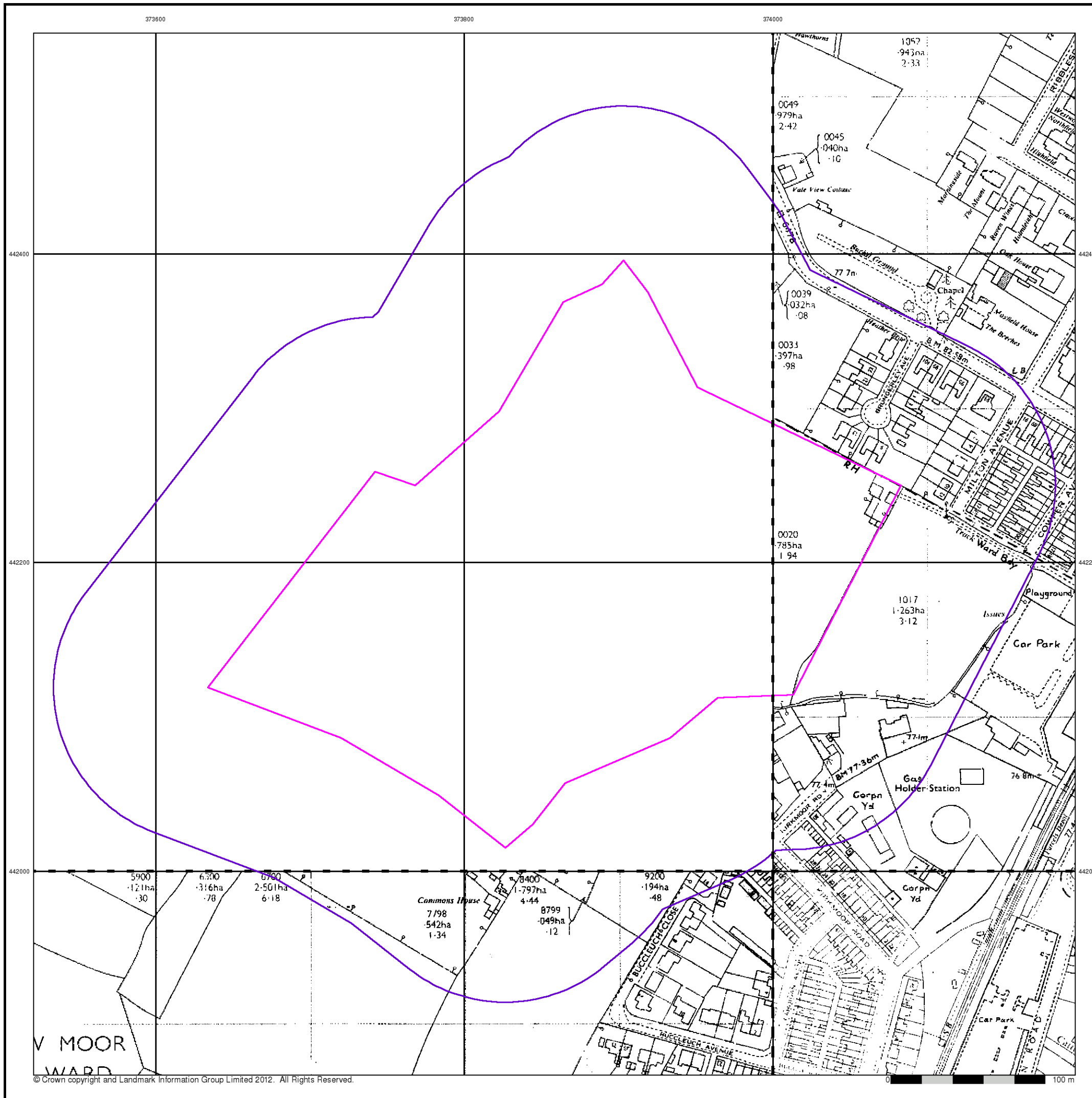


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



V MOOR  
 WARD

### Additional SIMs

Published 1990

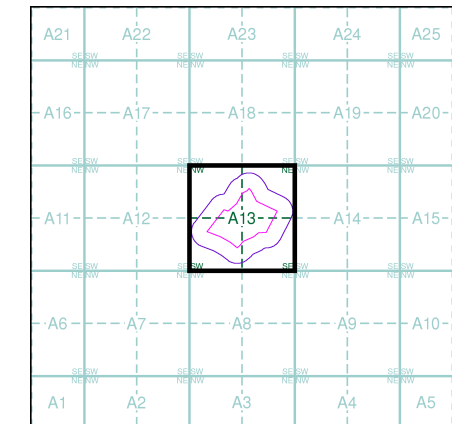
Source map scale - 1:2,500

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

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

SD7442	1990	1:2,500
SD7441	1990	1:2,500

### Historical Map - Segment A13



### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



## Large-Scale National Grid Data

Published 1993

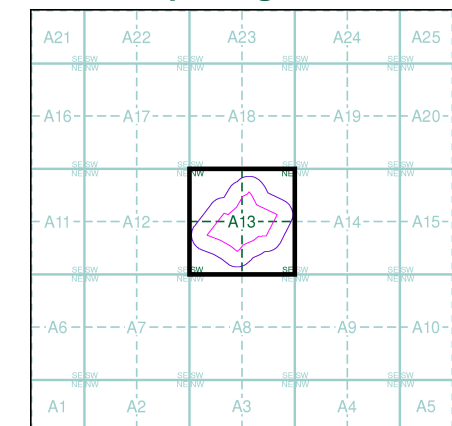
Source map scale - 1:2,500

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

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

SD7342 1993 1:2,500	SD7442 1993 1:2,500
SD7341 1993 1:2,500	SD7441 1993 1:2,500

### Historical Map - Segment A13

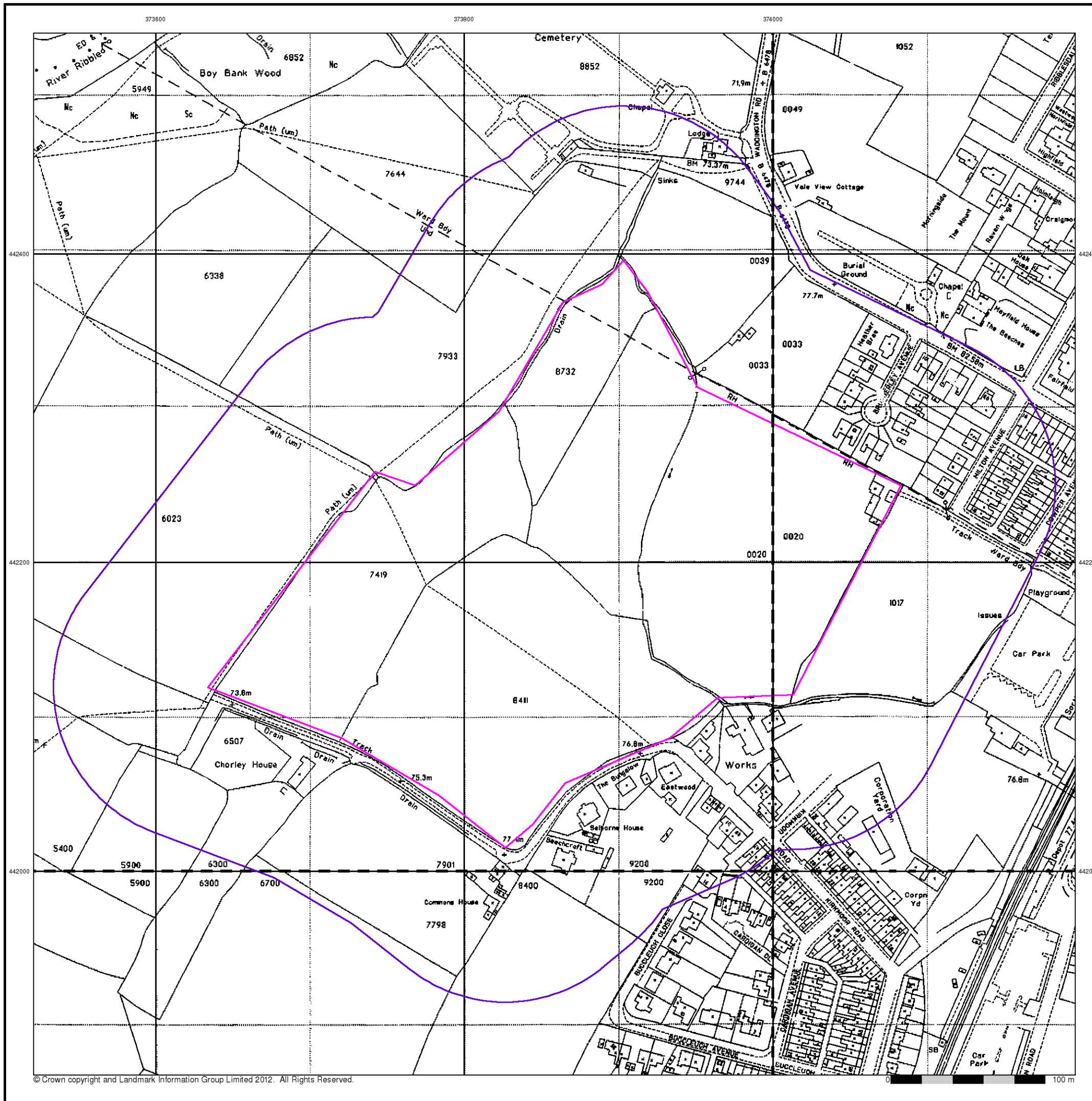


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



## Large-Scale National Grid Data

Published 1993 - 1995

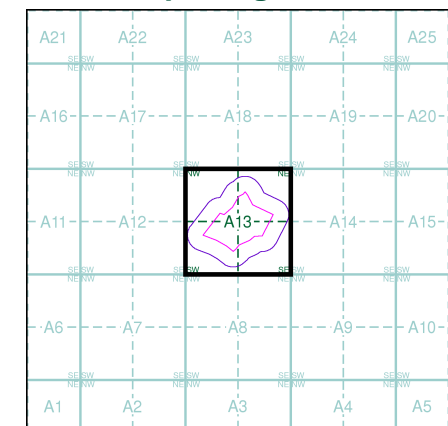
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 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)

SD7342 1995 1:2,500	SD7442 1993 1:2,500
	SD7441 1993 1:2,500

### Historical Map - Segment A13

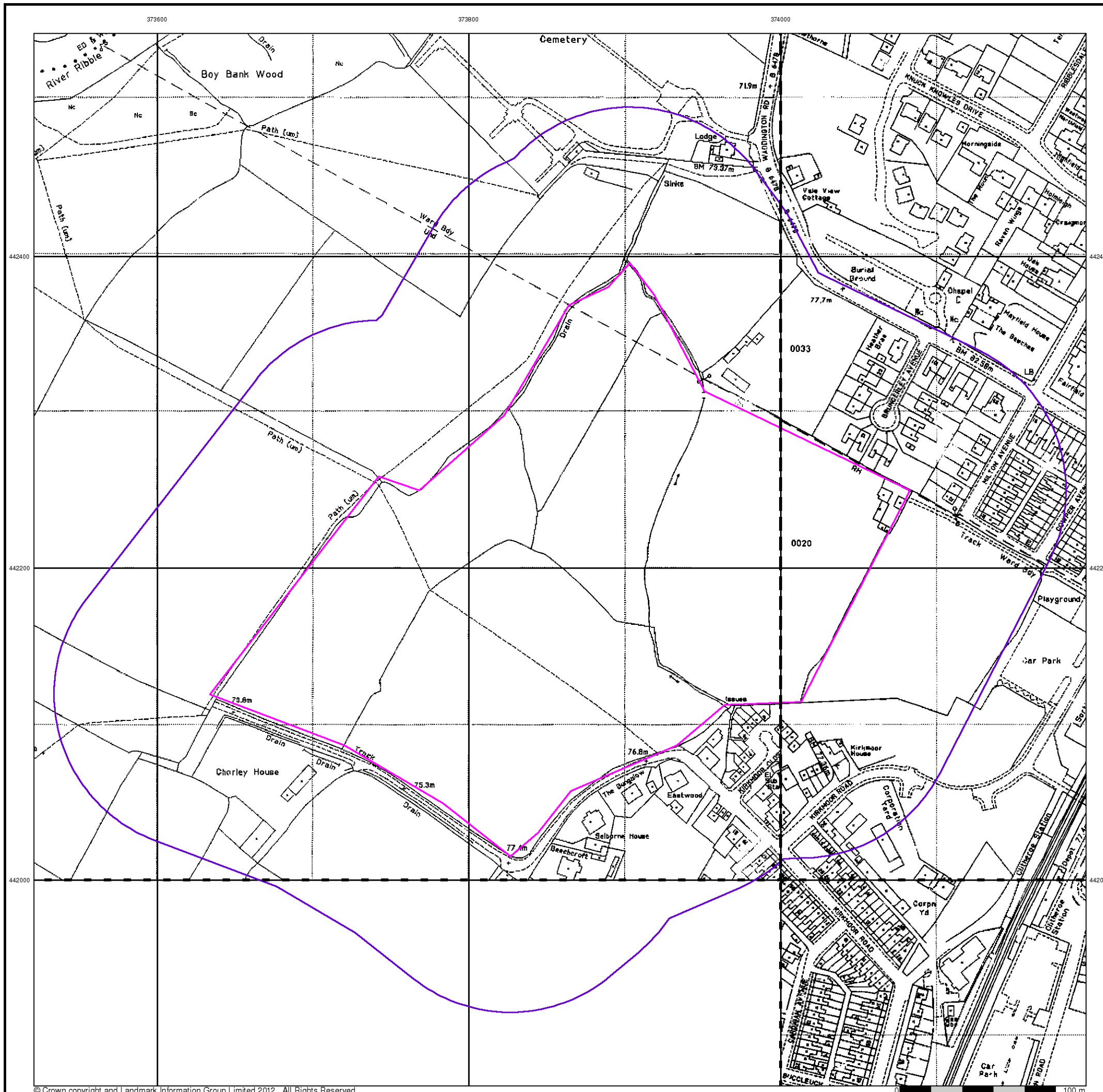


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



## Large-Scale National Grid Data

Published 1994 - 1997

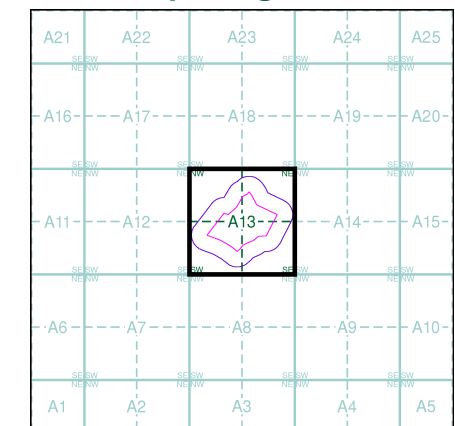
Source map scale - 1:2,500

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

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

SD7342 1997 1:2,500	SD7442 1994 1:2,500
SD7341 1995 1:2,500	

### Historical Map - Segment A13

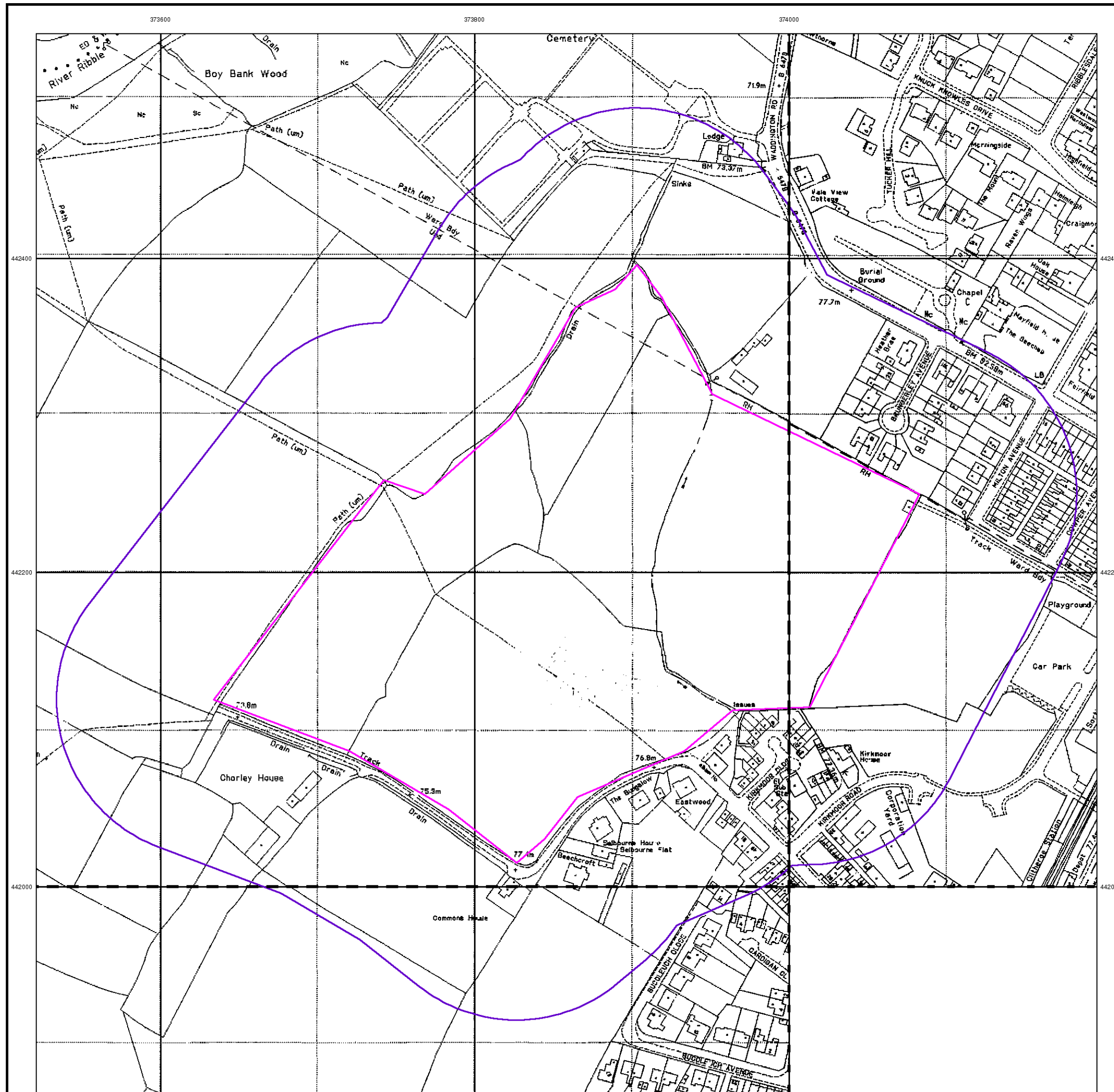


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



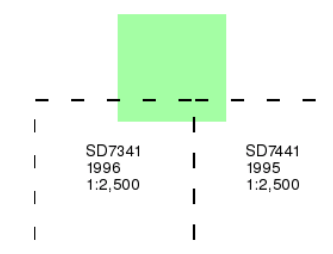
## Large-Scale National Grid Data

Published 1995 - 1996

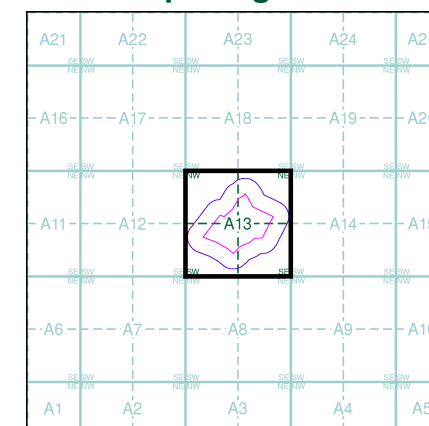
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13

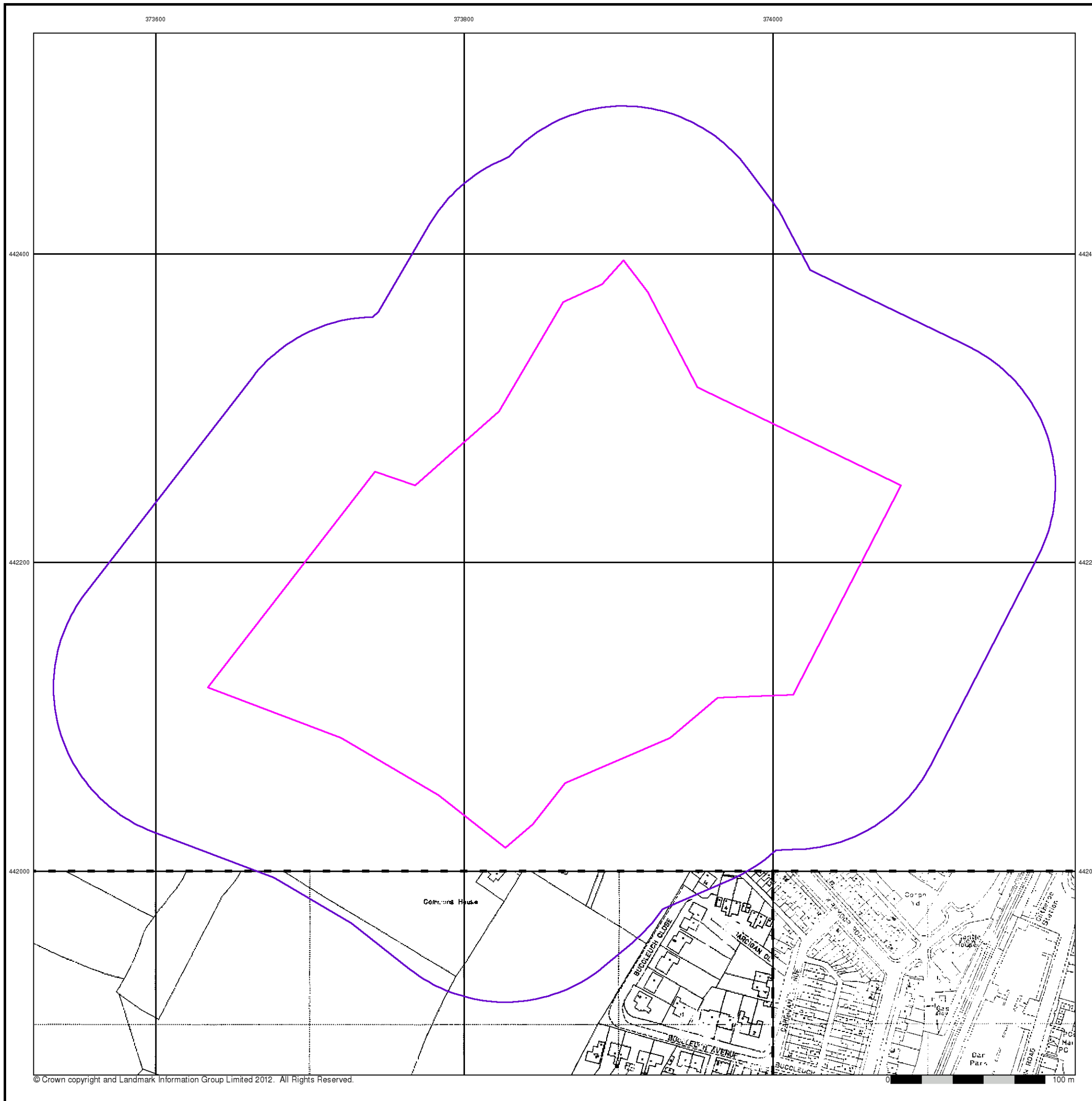


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



## Large-Scale National Grid Data

Published 1995 - 1997

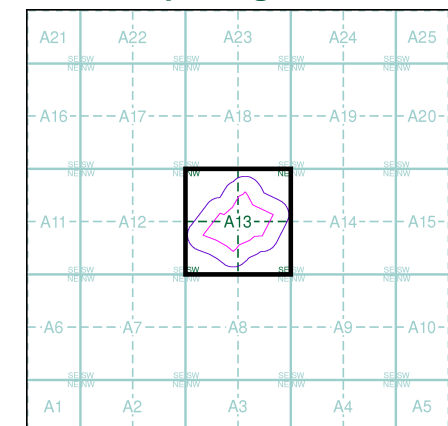
Source map scale - 1:2,500

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

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

SD 7442	1995	1:2,500
SD 7441	1997	1:2,500

### Historical Map - Segment A13



### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



## Large-Scale National Grid Data

Published 1995 - 1997

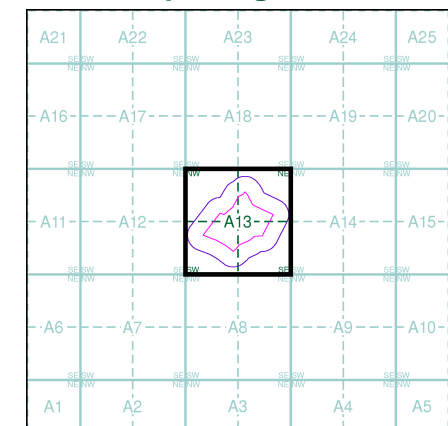
Source map scale - 1:2,500

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

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

SD 7442	1995	1:2,500
SD 7441	1997	1:2,500

### Historical Map - Segment A13



### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire





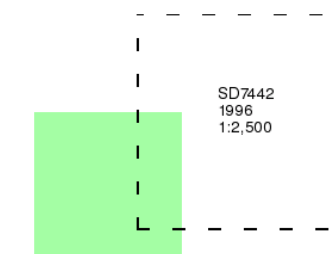
## Large-Scale National Grid Data

Published 1996

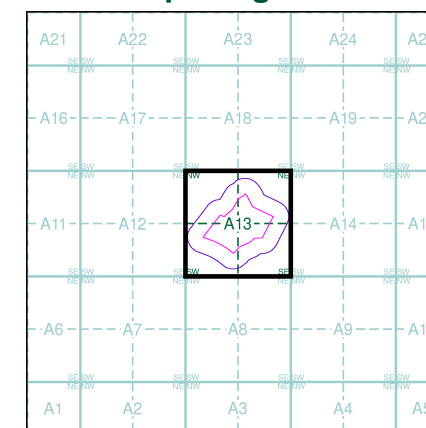
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13

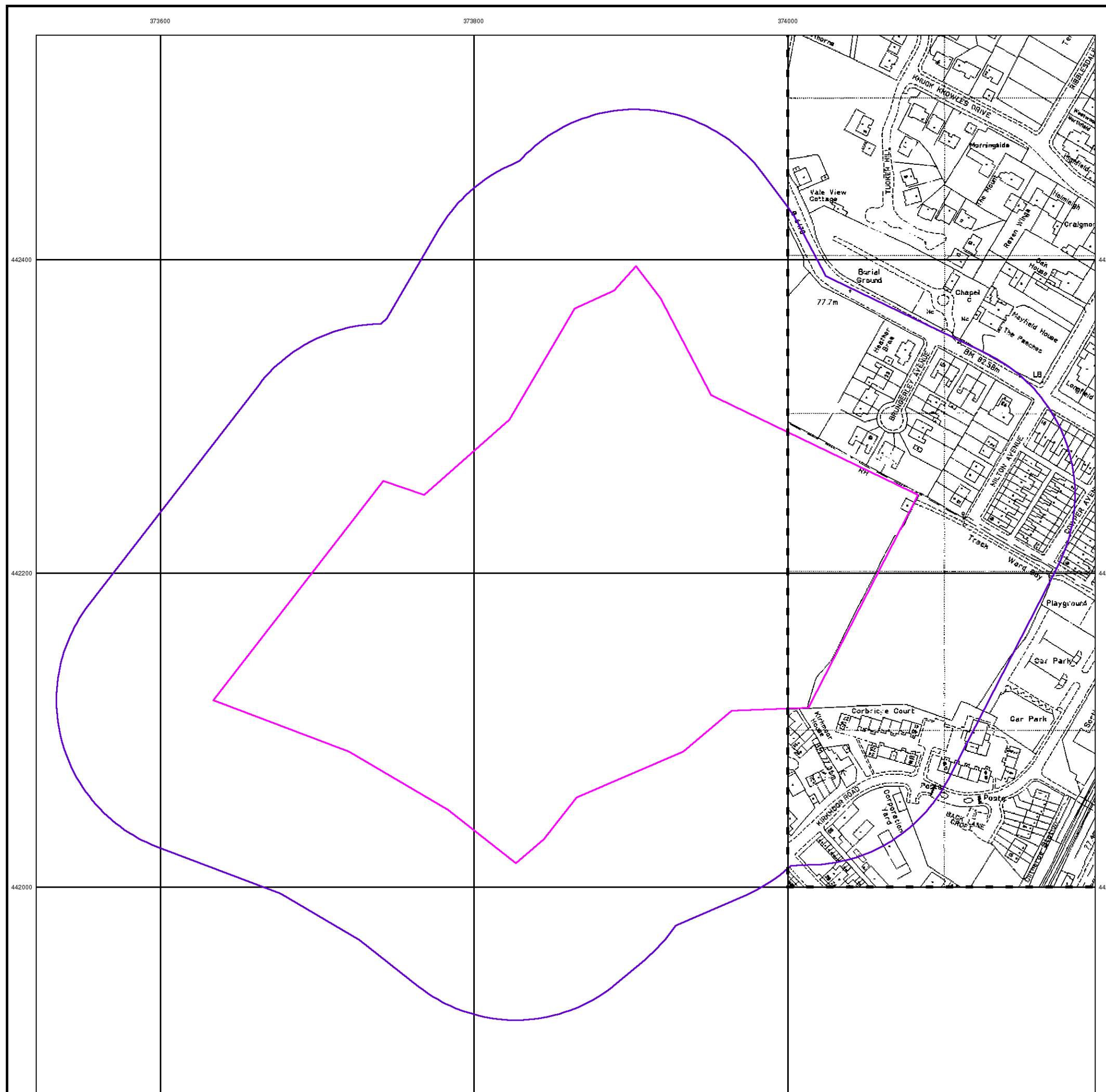


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



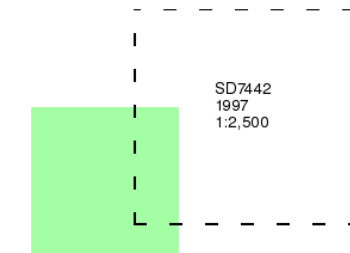
### Large-Scale National Grid Data

Published 1997

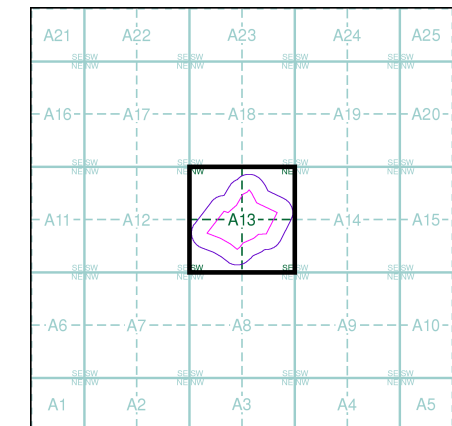
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13

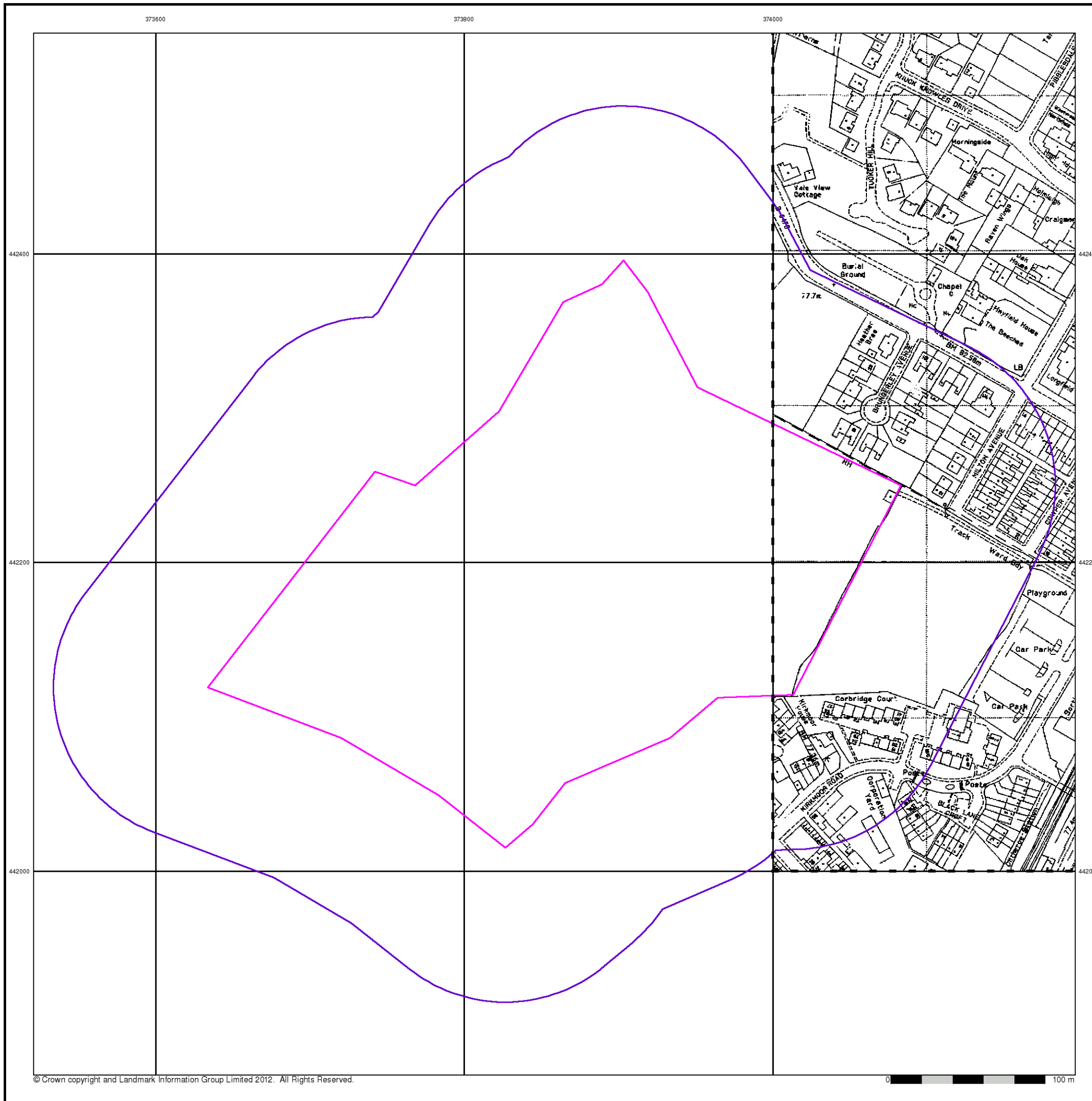


### Order Details

Order Number: 38971767\_1\_1  
Customer Ref: 12CHE052  
National Grid Reference: 373860, 442200  
Slice: A  
Site Area (Ha): 8.29  
Search Buffer (m): 100

### Site Details

Site at, Clitheroe, Lancashire



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

- Gravel Pit
- Sand Pit
- Other Pits
- Quarry
- Shingle
- Orchard
- Osiers
- Reeds
- Marsh
- Mixed Wood
- Deciduous
- Brushwood
- Fir
- Furze
- Rough Pasture
- Arrow denotes flow of water
- Trigonometrical Station
- Site of Antiquities
- Bench Mark
- Pump, Guide Post, Signal Post
- Well, Spring, Boundary Post
- 285** Surface Level
- Sketched Contour
- Instrumental Contour
- Main Roads
- Minor Roads
- Sunken Road
- Raised Road
- Road over Railway
- Railway over River
- Railway over Road
- Level Crossing
- Road over River or Canal
- Road over Stream
- Road over Stream
- County Boundary (Geographical)
- County & Civil Parish Boundary
- Administrative County & Civil Parish Boundary
- 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
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
- Civil Parish
- BP, BS** Boundary Post or Stone
- Ch** Church
- CH** Club House
- F E Sta** Fire Engine Station
- FB** Foot Bridge
- Fn** Fountain
- GP** Guide Post
- MP** Mile Post
- MS** Mile Stone
- Pol Sta** Police Station
- PO** Post Office
- PC** Public Convenience
- PH** Public House
- SB** Signal Box
- Spr** Spring
- TCB** Telephone Call Box
- TCP** Telephone Call Post
- W** Well

## 1:10,000 Raster Mapping

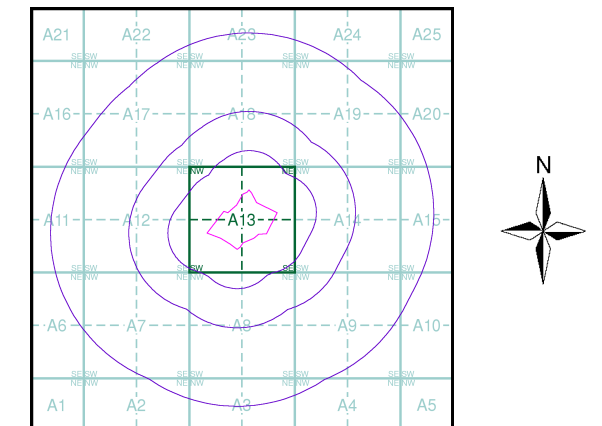
- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- General detail
- Overhead detail
- Multi-track railway
- County boundary (England only)
- District, Unitary, Metropolitan, London Borough boundary
- Area of wooded vegetation
- Non-coniferous trees (scattered)
- Coniferous trees (scattered)
-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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1847	2
Yorkshire	1:10,560	1850	3
Yorkshire	1:10,560	1890	4
Lancashire And Furness	1:10,560	1890	5
Yorkshire	1:10,560	1911	6
Lancashire And Furness	1:10,560	1914	7
Lancashire And Furness	1:10,560	1930	8
Lancashire And Furness	1:10,560	1933	9
Lancashire And Furness	1:10,560	1938	10
Ordnance Survey Plan	1:10,000	1955	11
Ordnance Survey Plan	1:10,000	1972 - 1977	12
10K Raster Mapping	1:10,000	2006	13
10K Raster Mapping	1:10,000	2011	14

## Historical Map - Slice A



## Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

## Site Details

Site at, Clitheroe, Lancashire



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

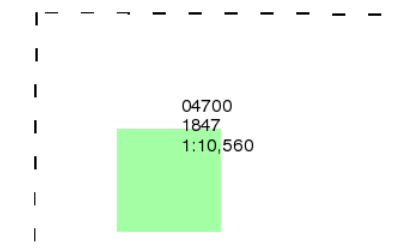
## Lancashire And Furness

Published 1847

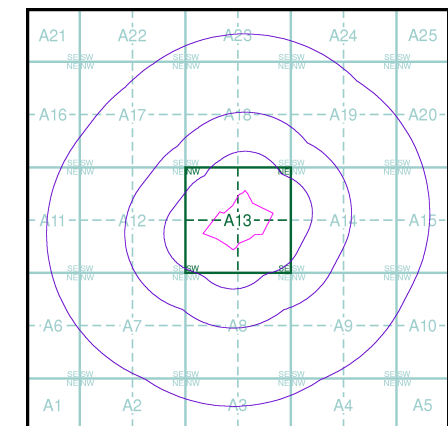
Source map scale - 1:10,560

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

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



### Historical Map - Slice A

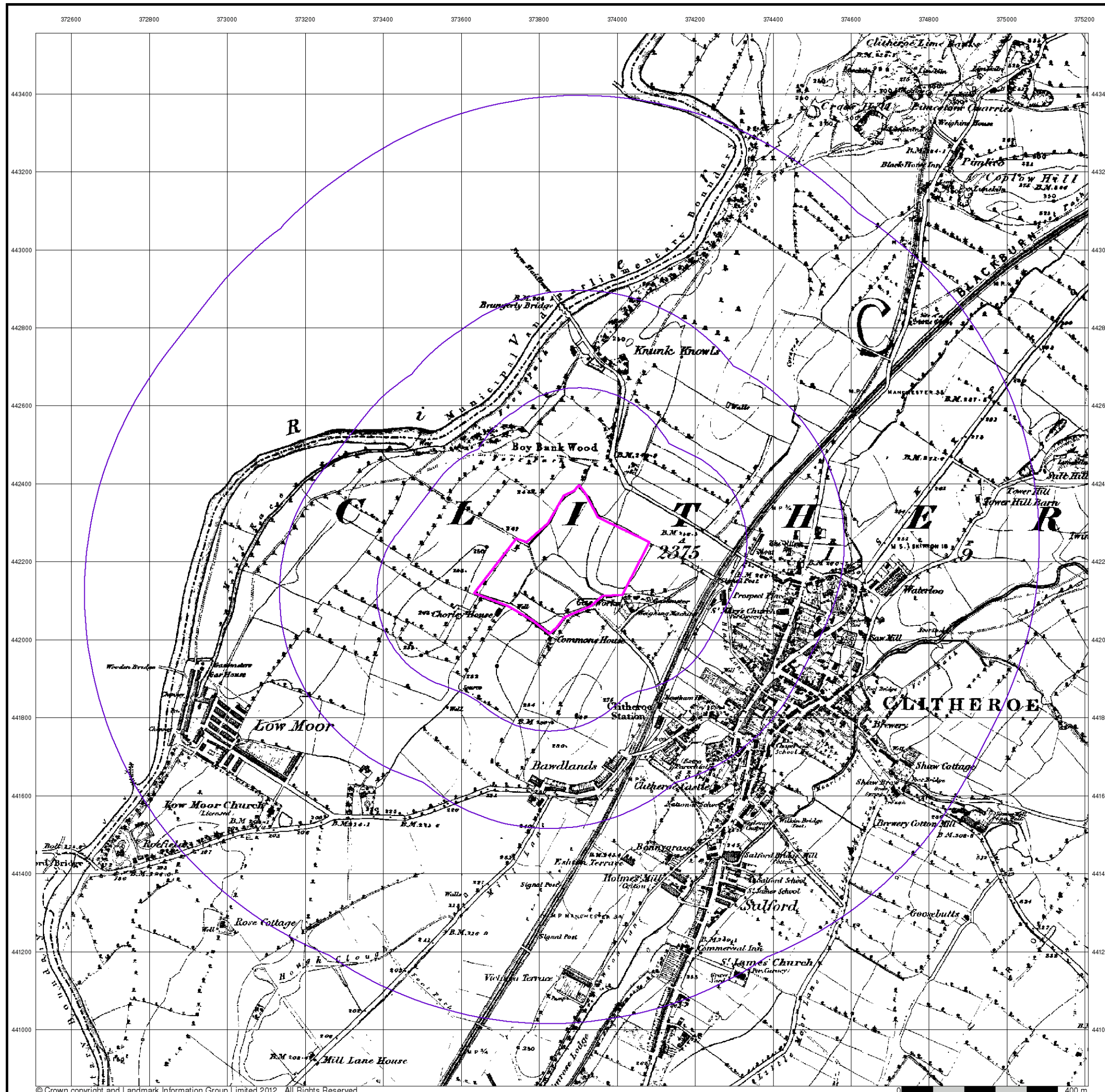


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



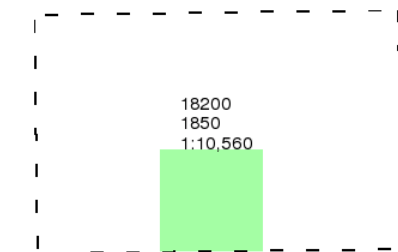
## Yorkshire

Published 1850

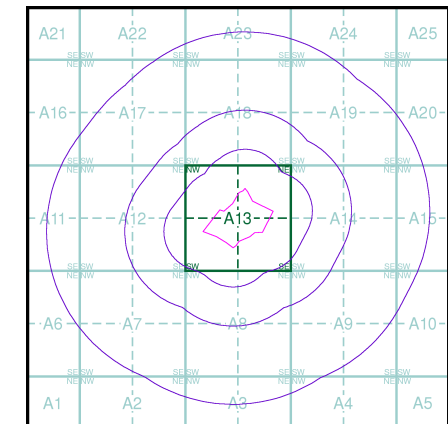
Source map scale - 1:10,560

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

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



### Historical Map - Slice A



### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



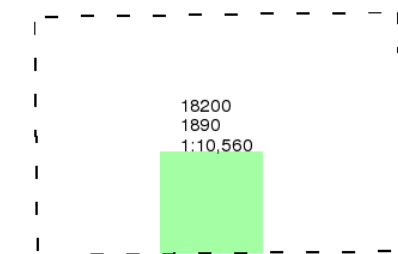
Yorkshire

Published 1890

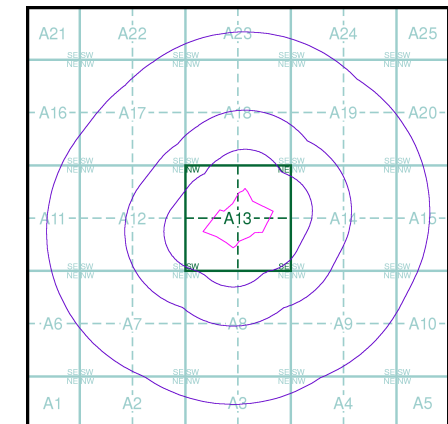
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

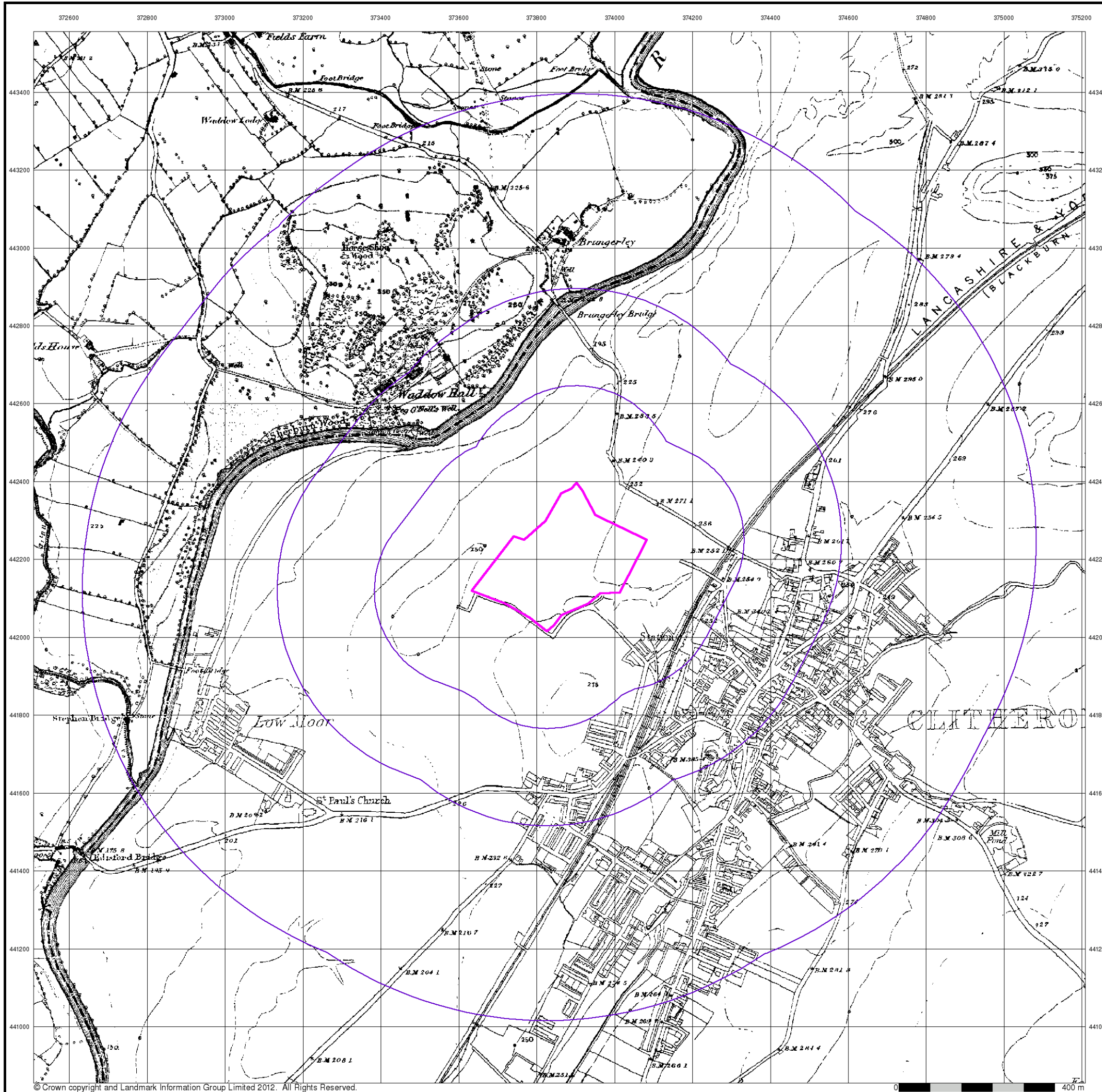


Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

Site Details

Site at, Clitheroe, Lancashire



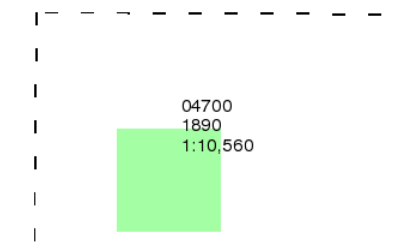
## Lancashire And Furness

Published 1890

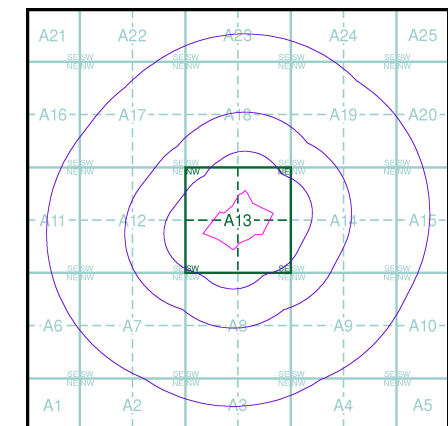
Source map scale - 1:10,560

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

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



### Historical Map - Slice A



### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



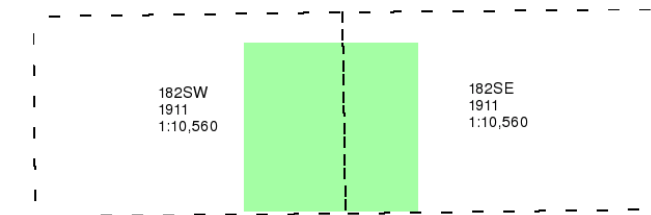
## Yorkshire

Published 1911

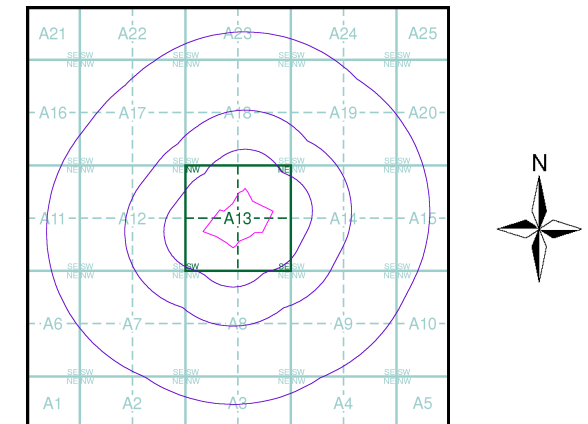
Source map scale - 1:10,560

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

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



### Historical Map - Slice A

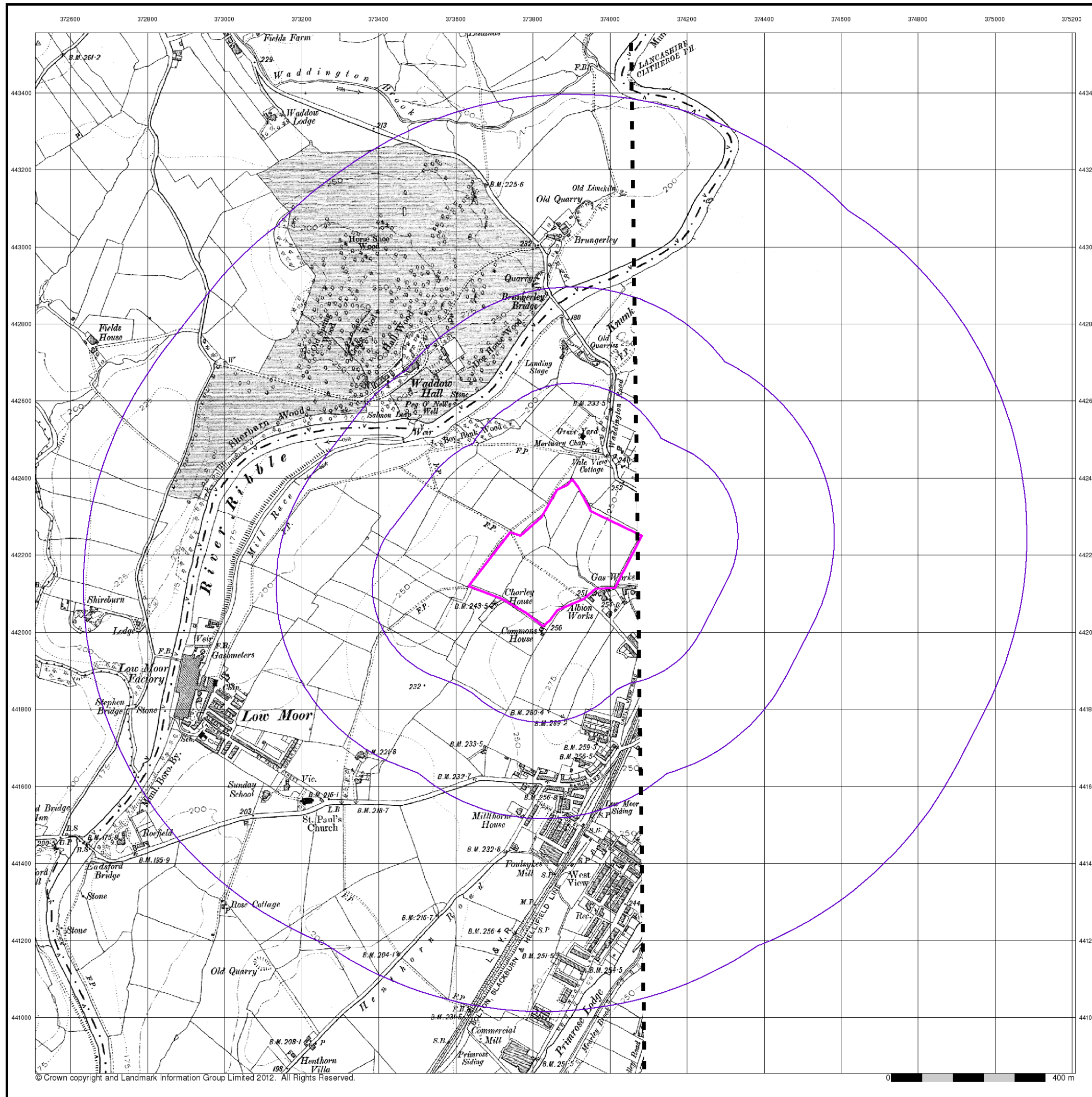


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



## Lancashire And Furness

Published 1914

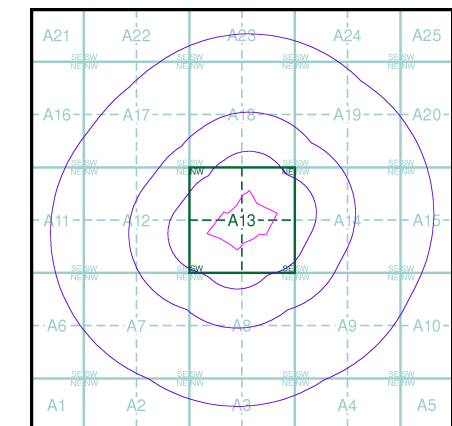
Source map scale - 1:10,560

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)

047NW 1914 1:10,560	047NE 1914 1:10,560
047SW 1914 1:10,560	047SE 1914 1:10,560

### Historical Map - Slice A

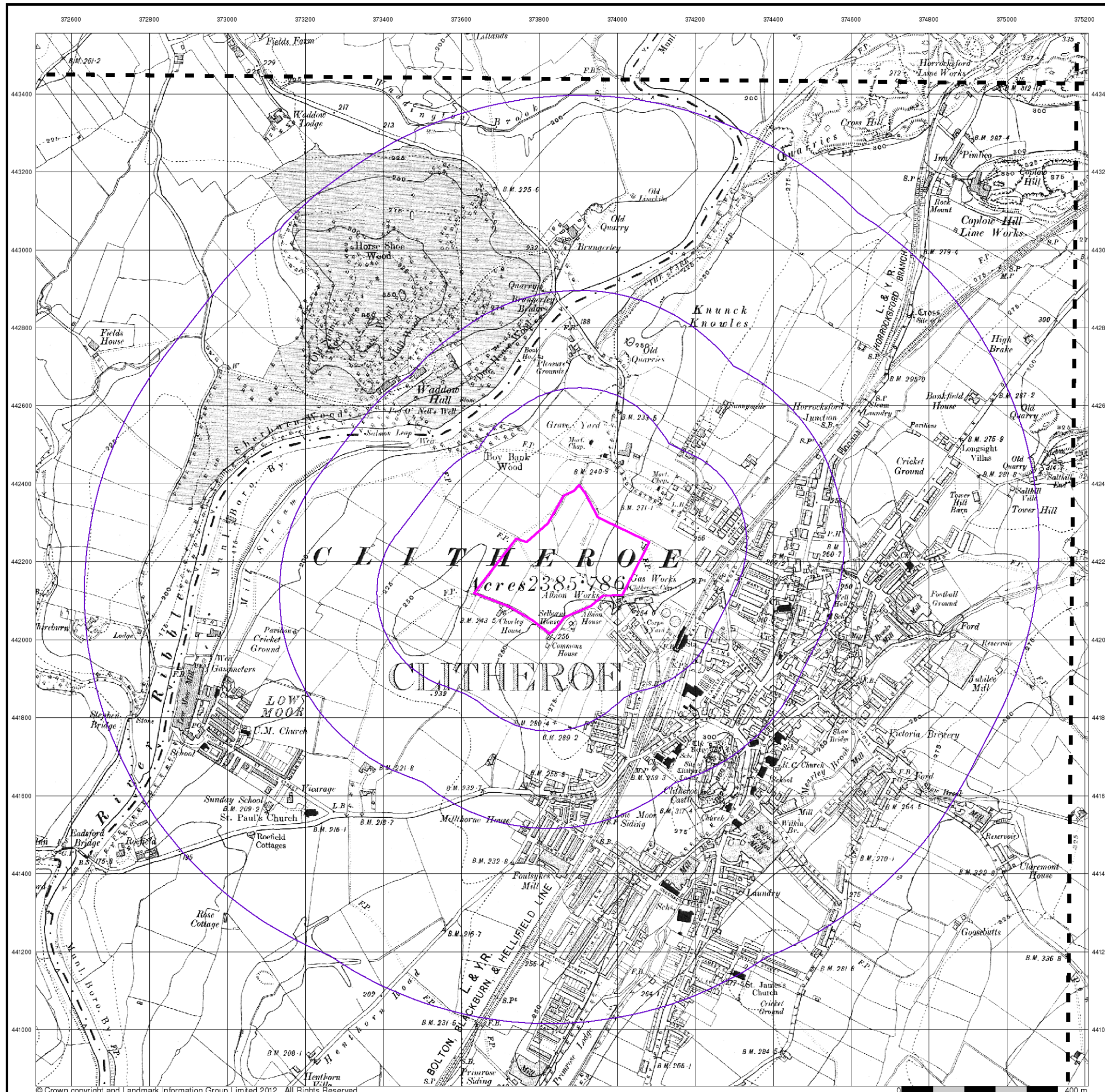


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



## Lancashire And Furness

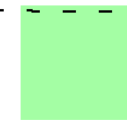
Published 1930

Source map scale - 1:10,560

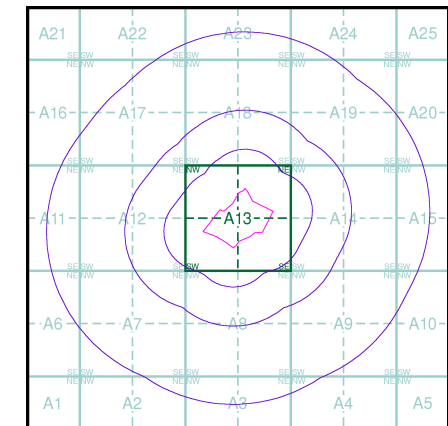
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

047NW 1930 1:10,560	047NE 1930 1:10,560
---------------------------	---------------------------



### Historical Map - Slice A

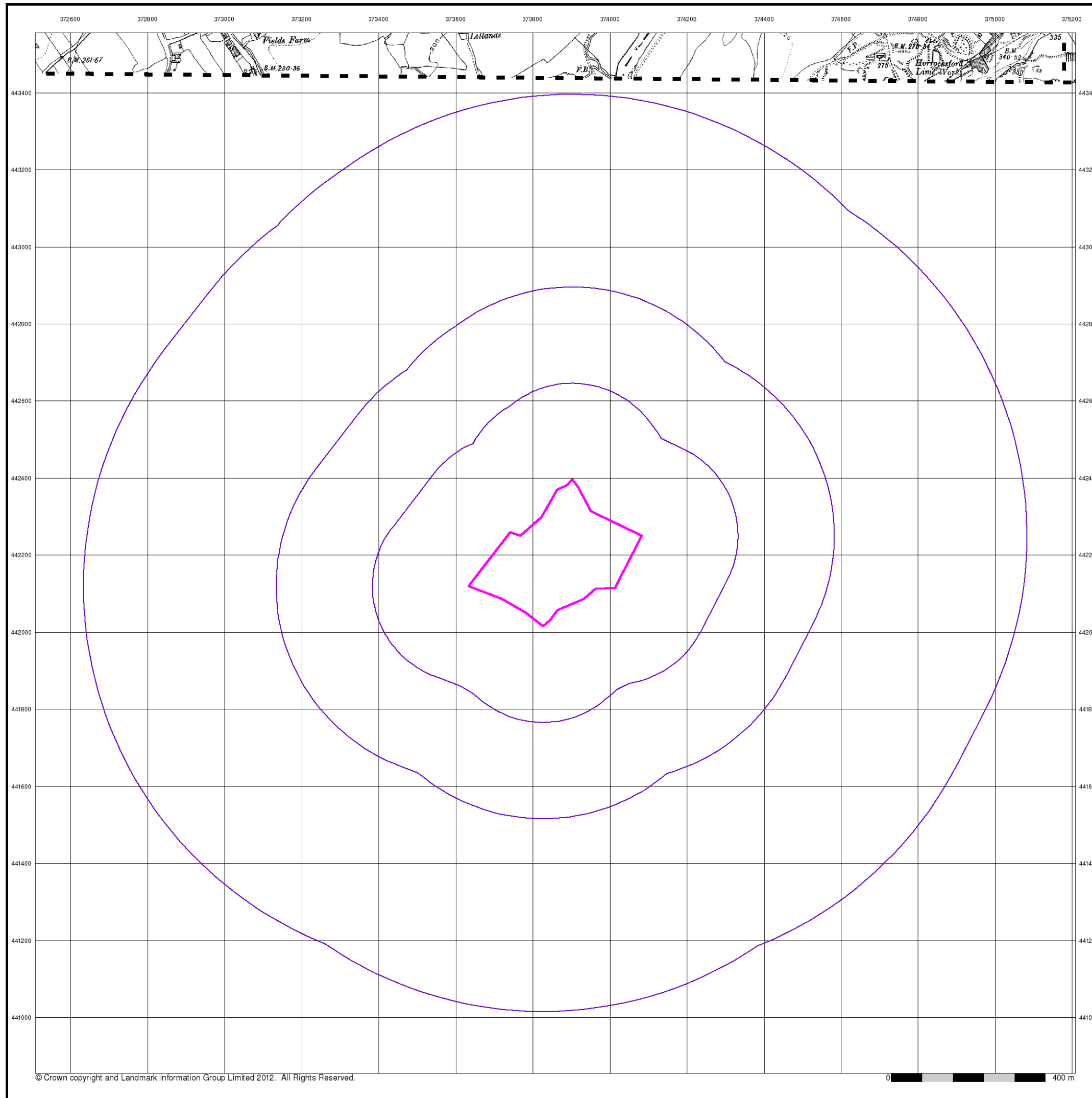


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



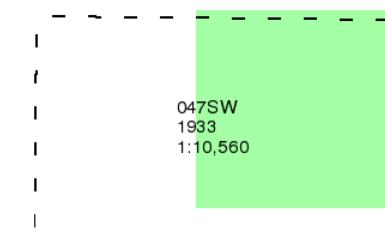
## Lancashire And Furness

Published 1933

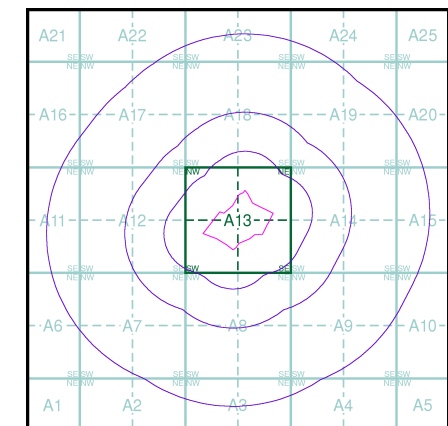
Source map scale - 1:10,560

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

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



### Historical Map - Slice A

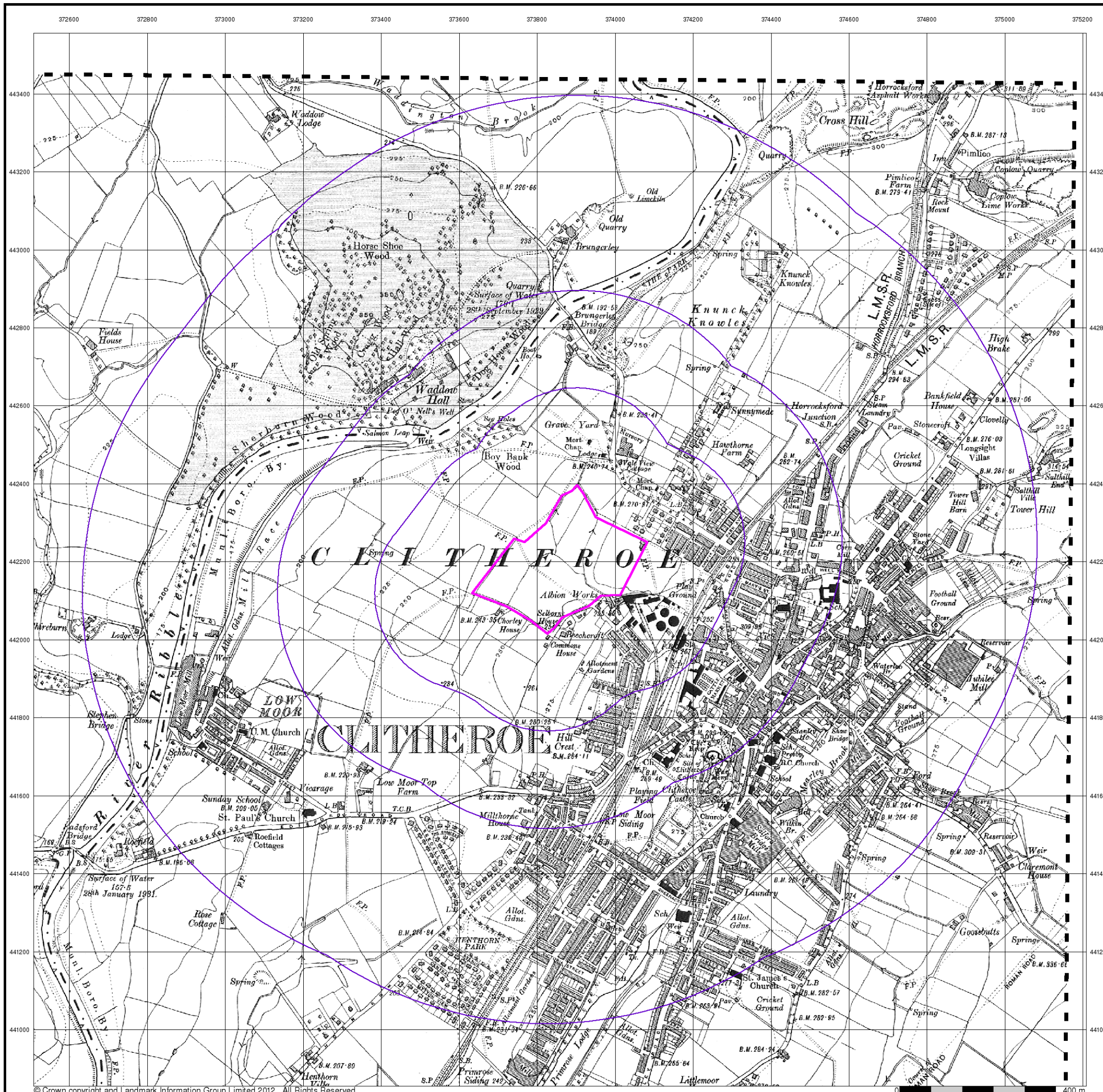


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



## Lancashire And Furness

Published 1938

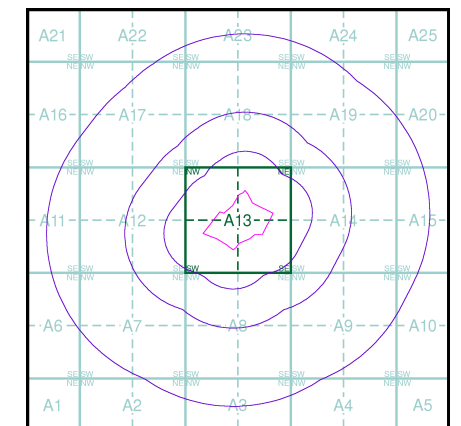
Source map scale - 1:10,560

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)

047NW	1938	1:10,560
047SW	1938	1:10,560

### Historical Map - Slice A

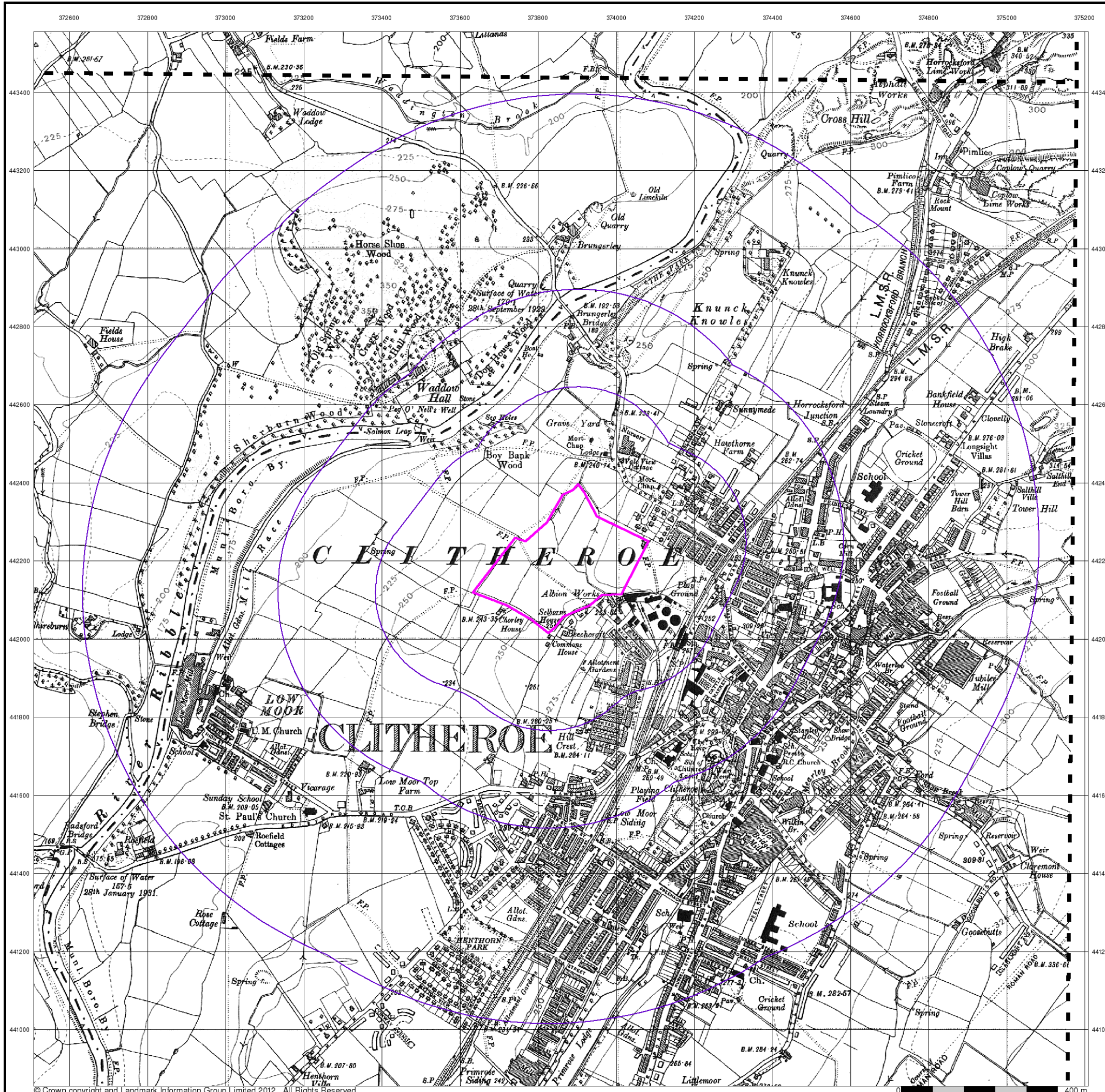


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



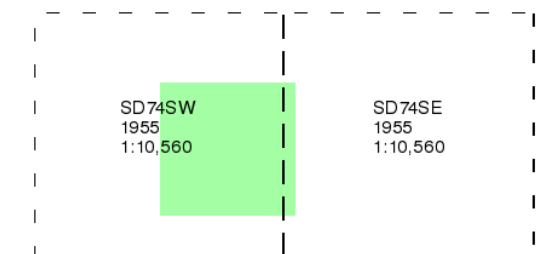
### Ordnance Survey Plan

Published 1955

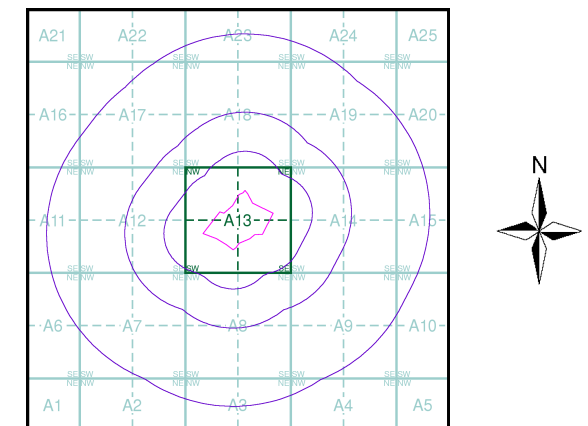
Source map scale - 1:10,000

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

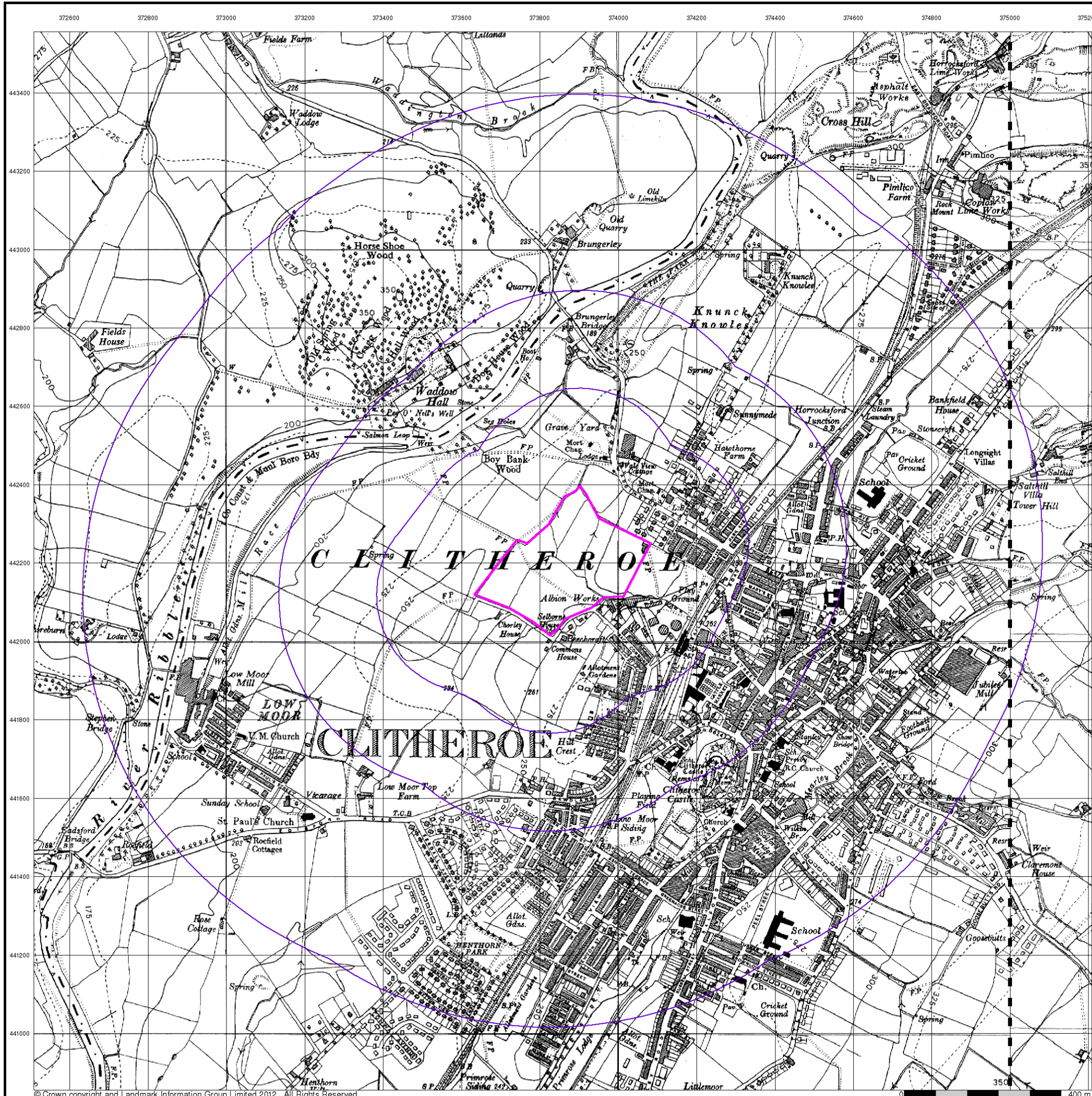


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



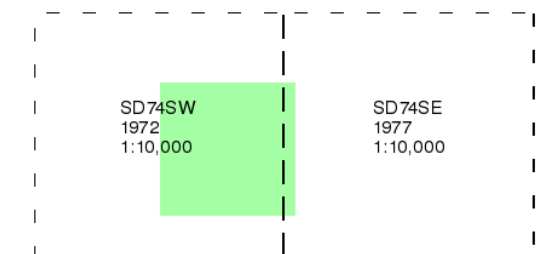
### Ordnance Survey Plan

Published 1972 - 1977

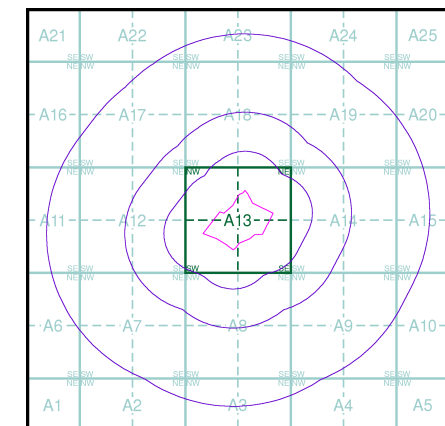
Source map scale - 1:10,000

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

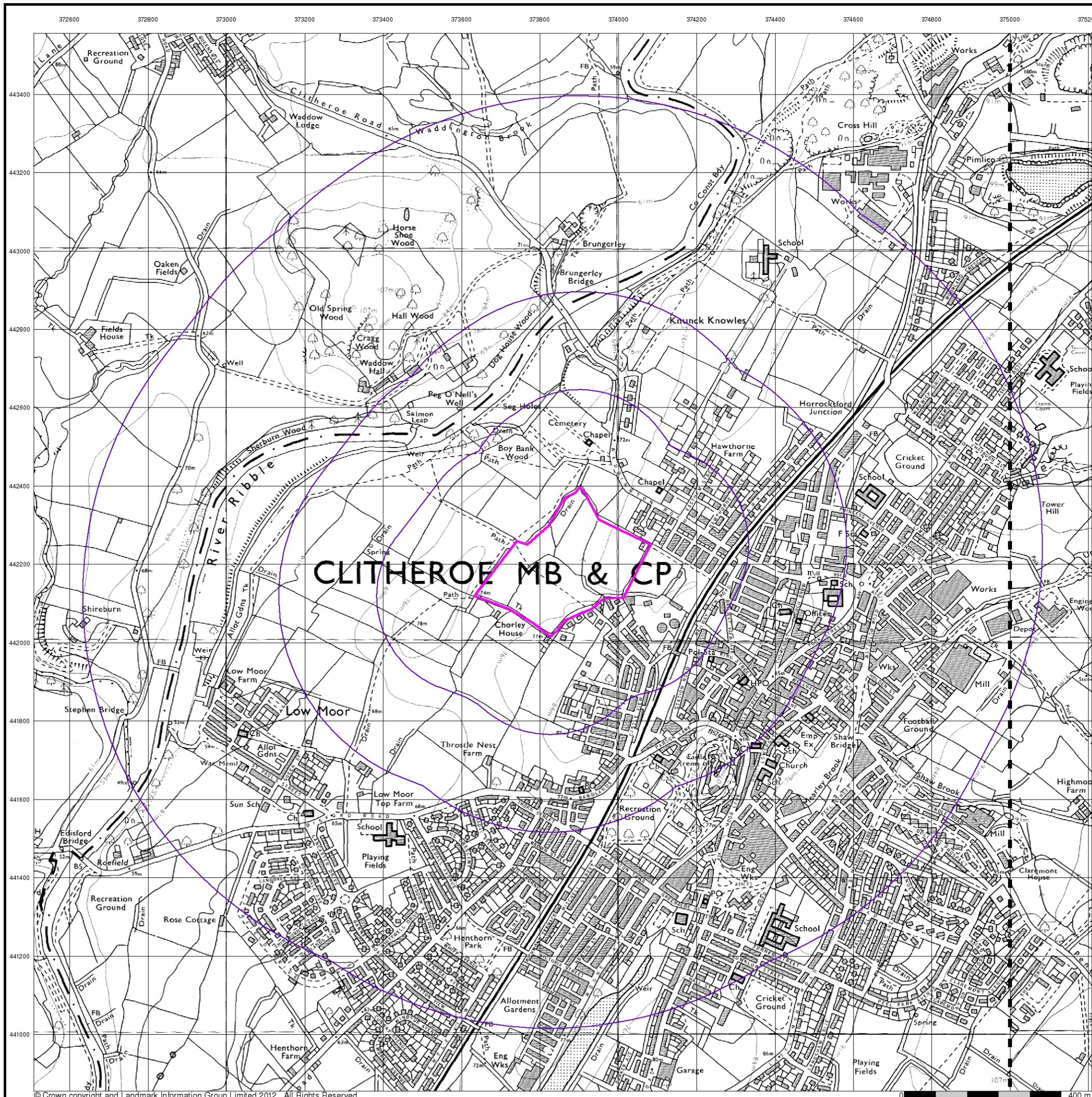


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



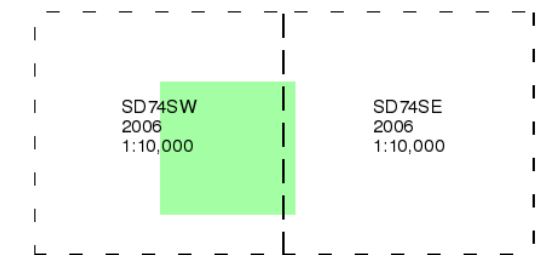
### 10k Raster Mapping

Published 2006

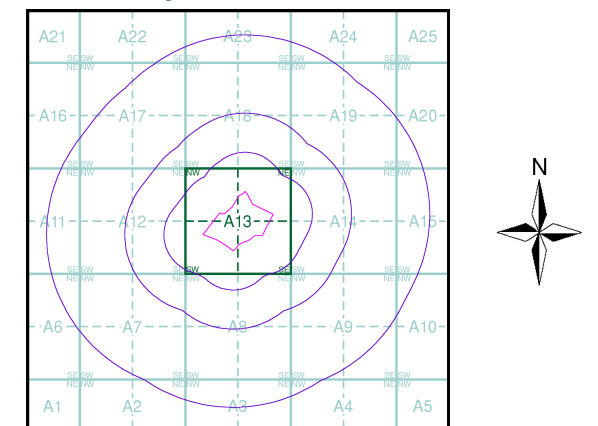
Source map scale - 1:10,000

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

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



### Historical Map - Slice A

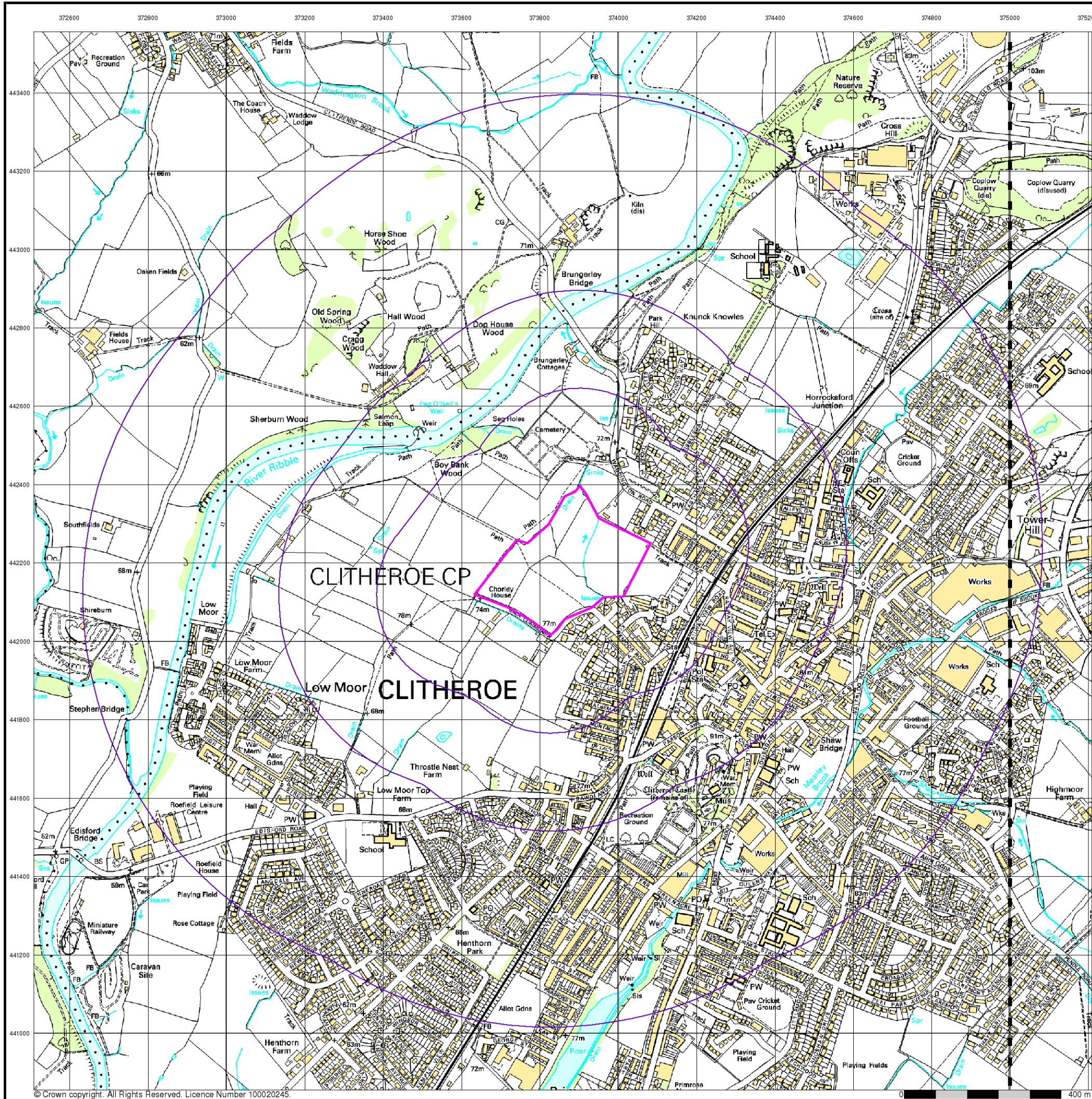


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



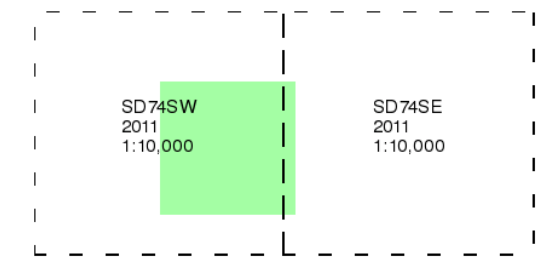
### 10k Raster Mapping

Published 2011

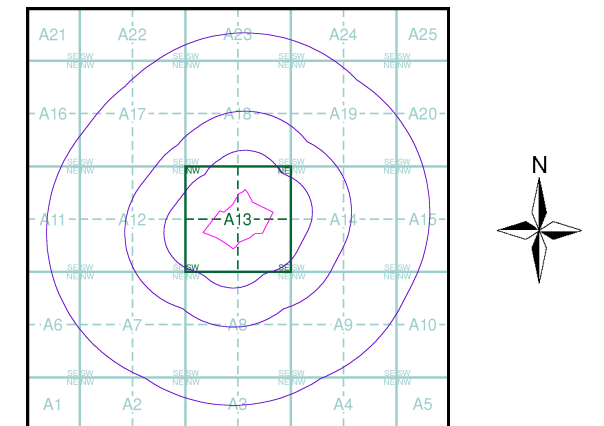
Source map scale - 1:10,000

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

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



### Historical Map - Slice A

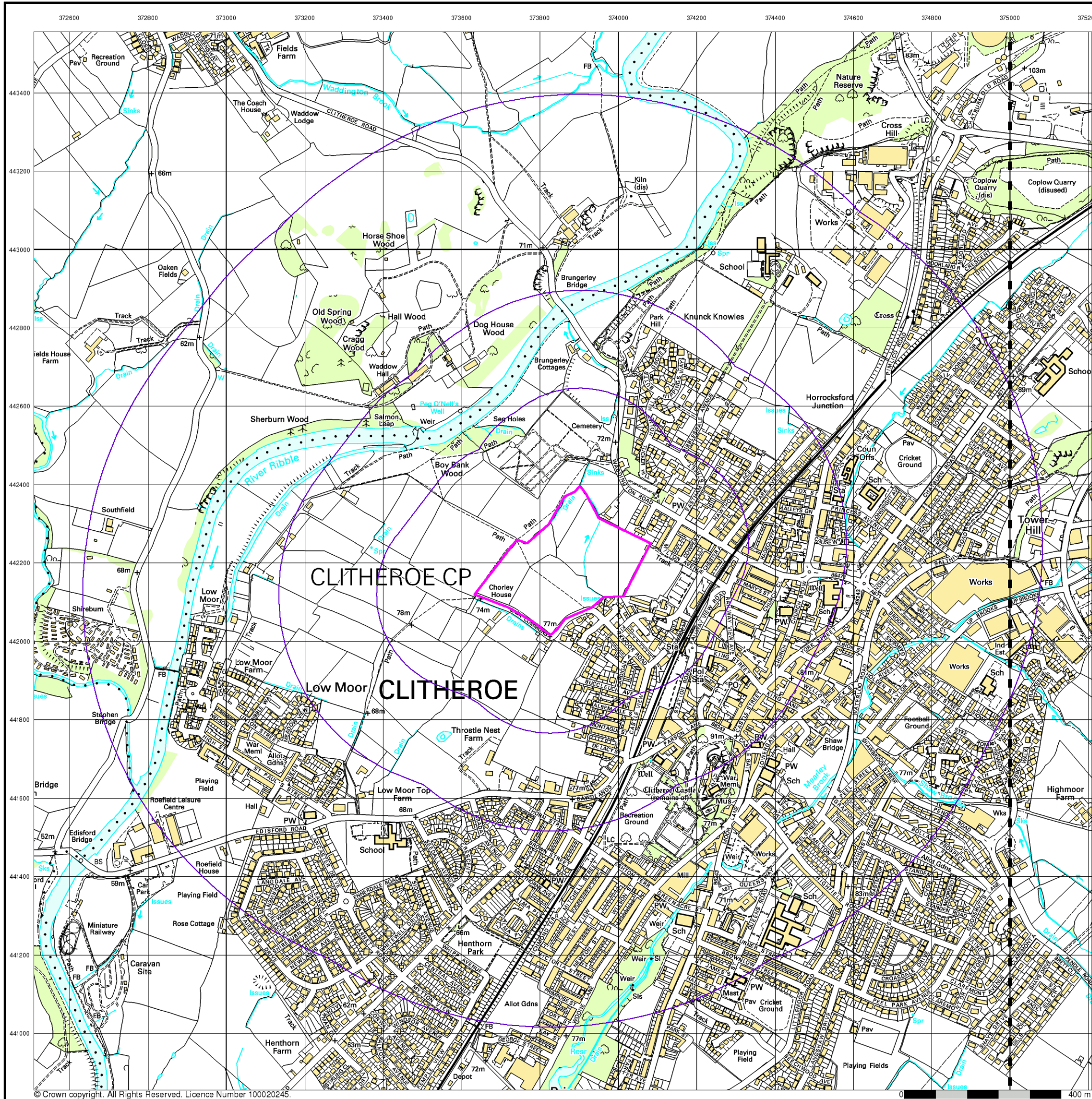


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



## Lancashire And Furness

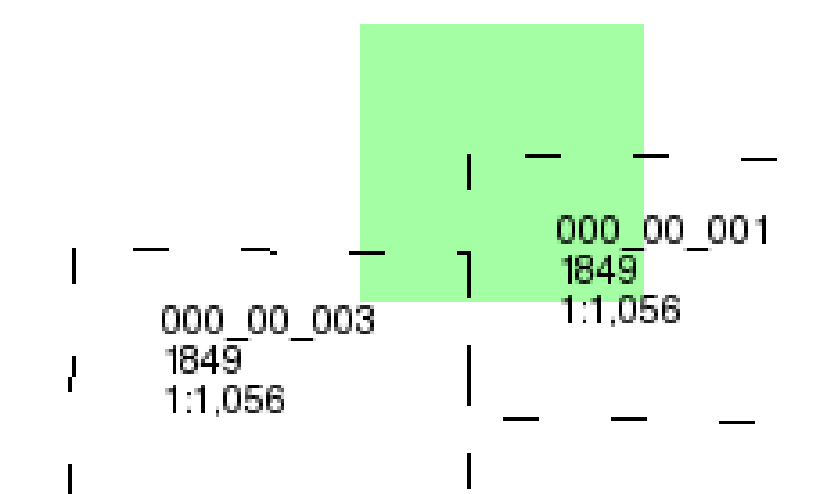
Published 1849

Source map scale - 1:1,056

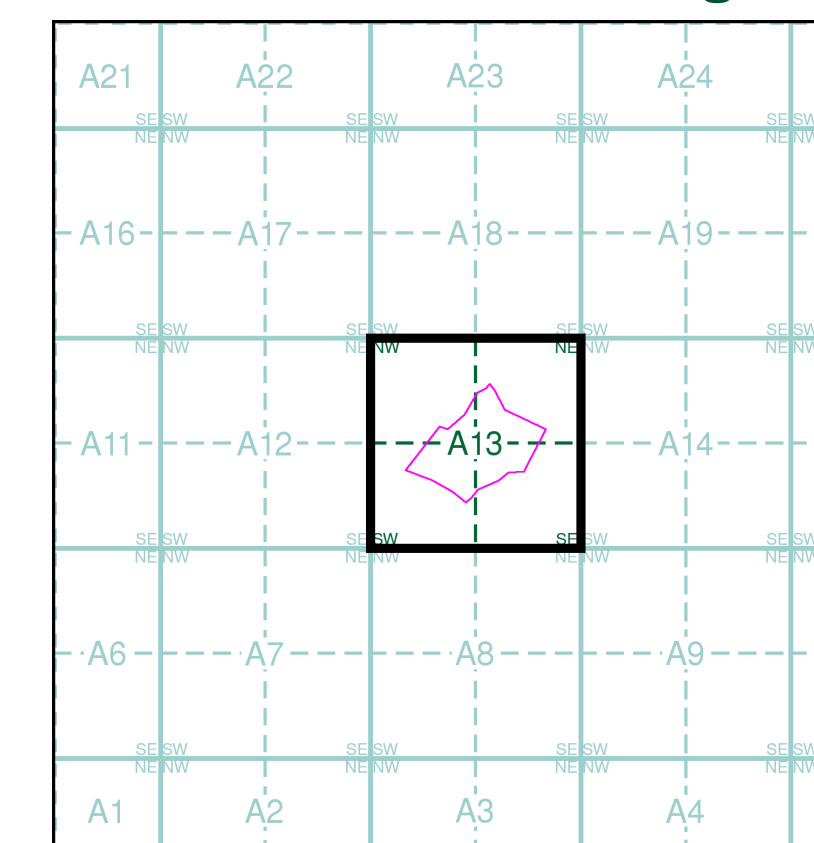
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the 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

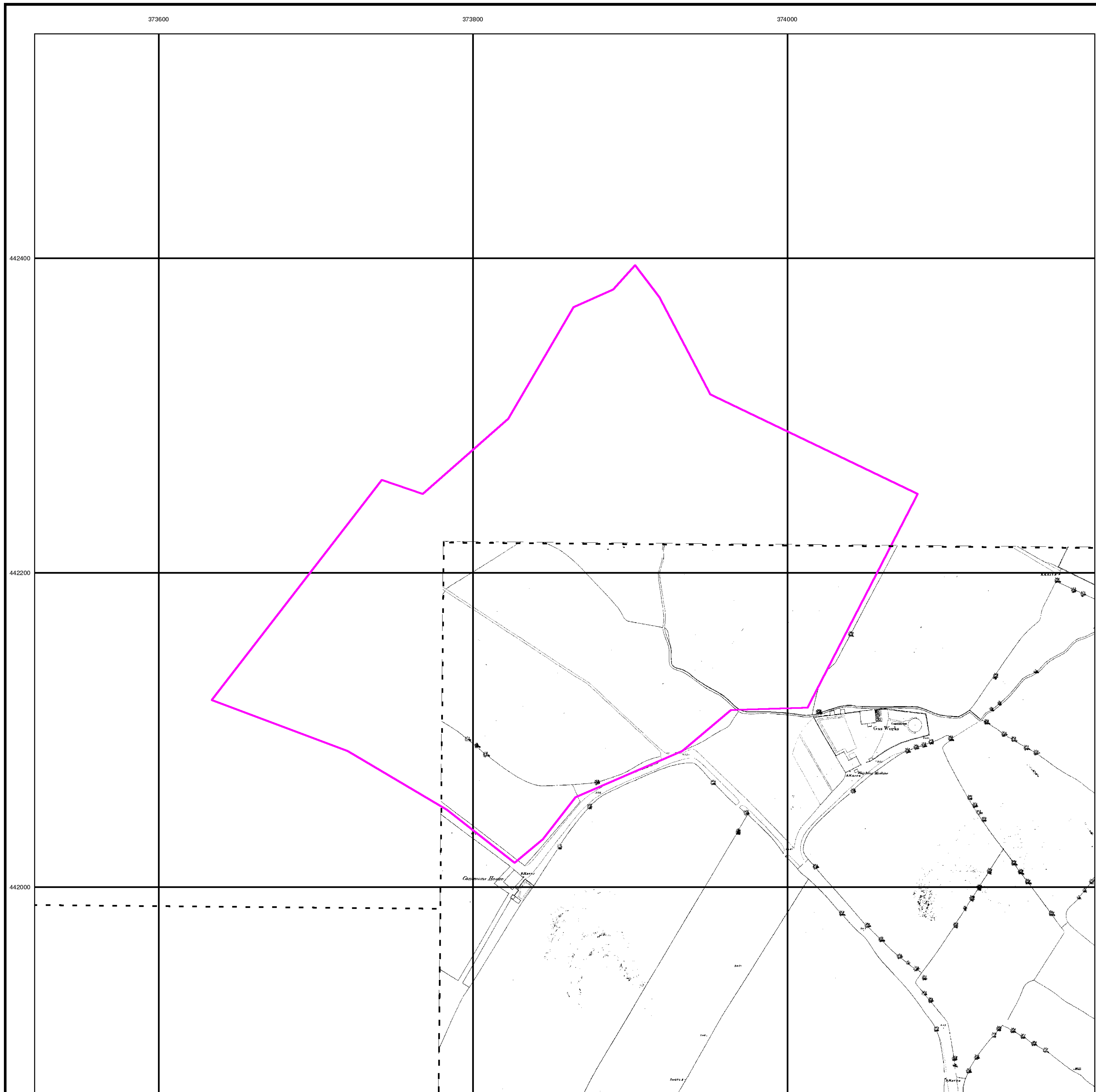


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 0

### Site Details

Site at, Clitheroe, Lancashire



## Lancashire And Furness

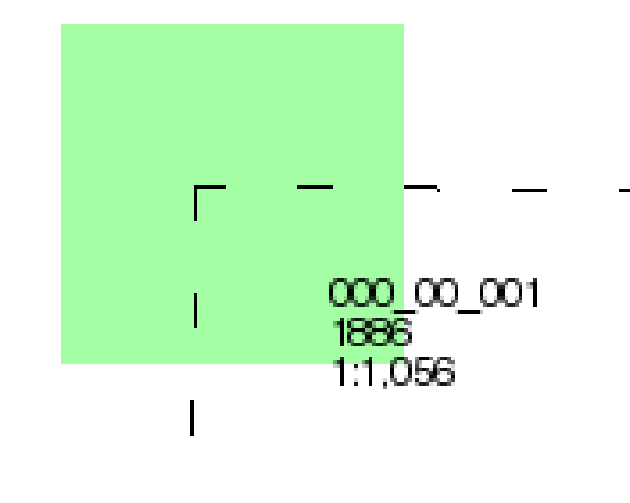
Published 1886

Source map scale - 1:1,056

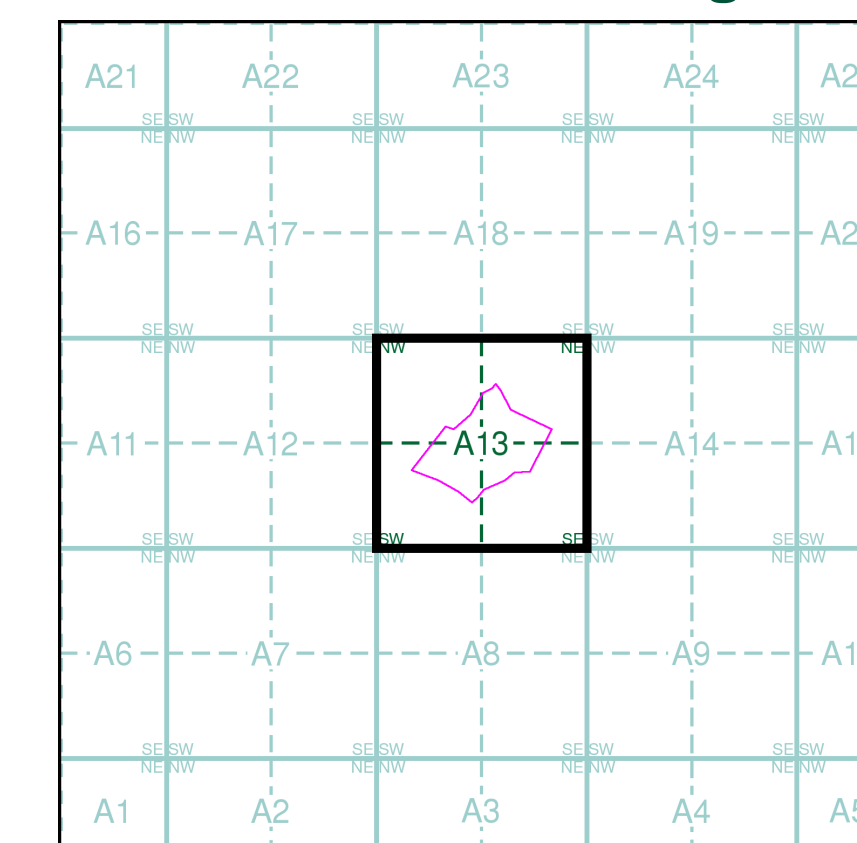
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the 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

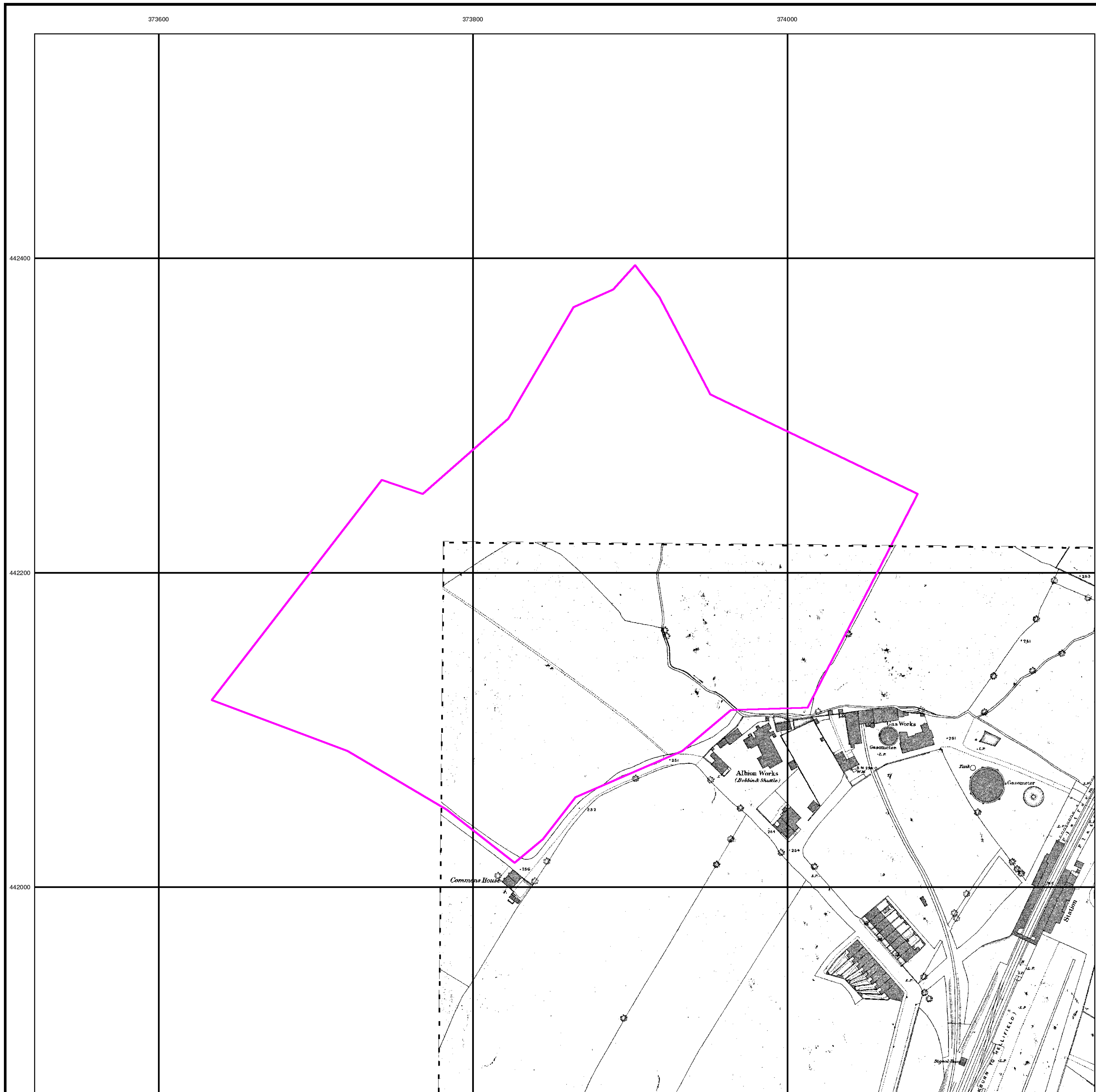


### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 0

### Site Details

Site at, Clitheroe, Lancashire

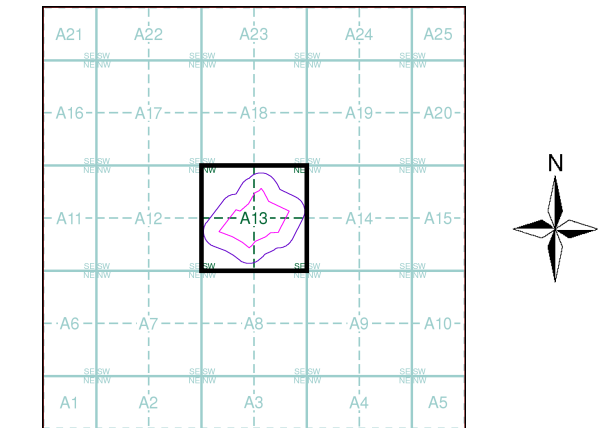


## **APPENDIX C**

- (i) Envirocheck Report

- 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
  - 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
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
  - Fuel Station Entry

**Site Sensitivity Map - Segment A13**

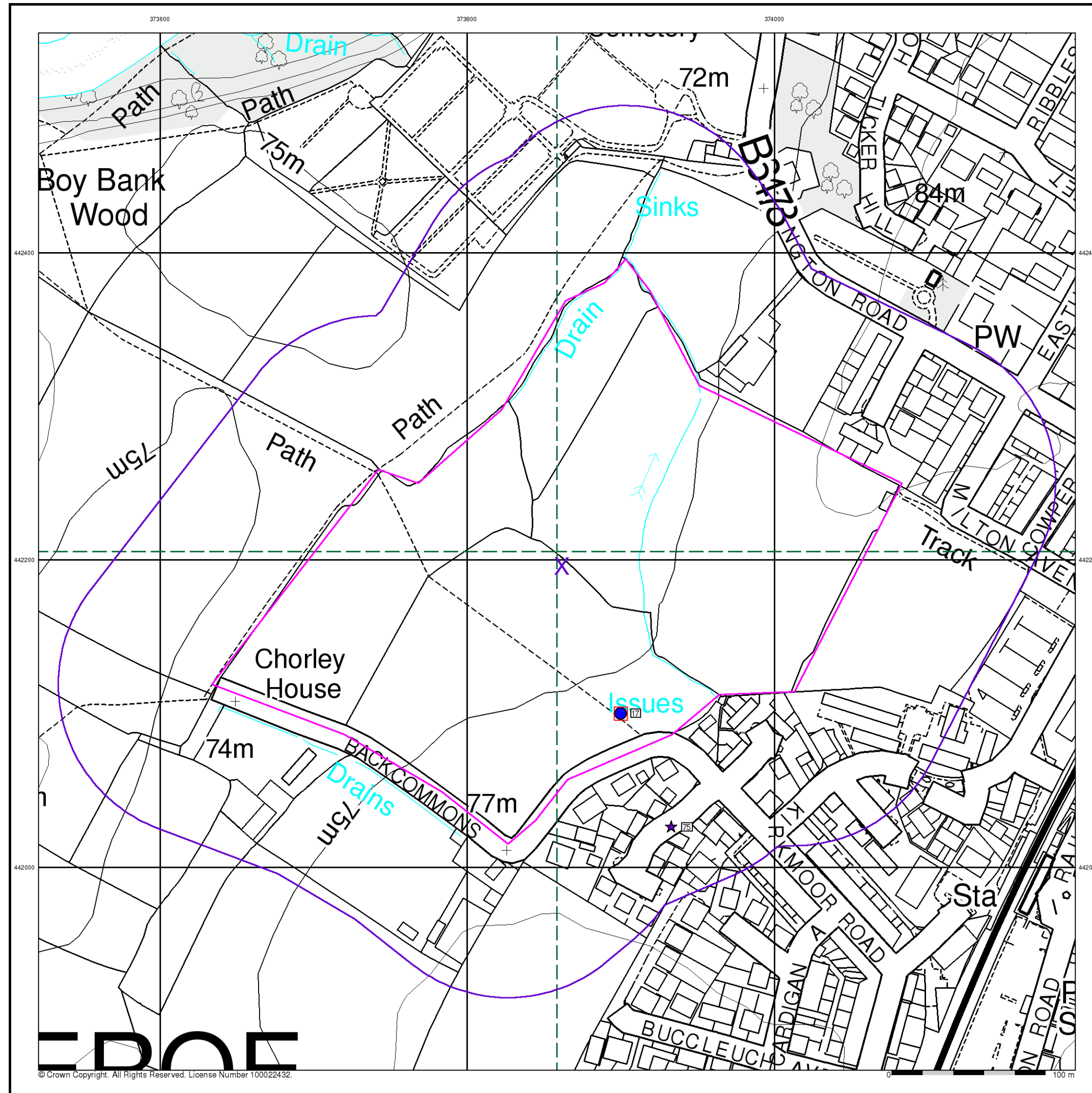


**Order Details**

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29

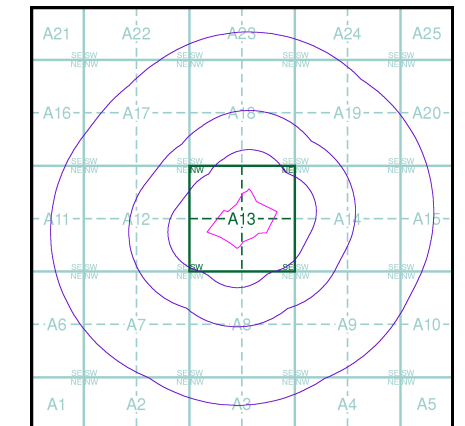
**Site Details**

Site at, Clitheroe, Lancashire



- 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 and 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
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
  - Fuel Station Entry

### Site Sensitivity Map - Slice A

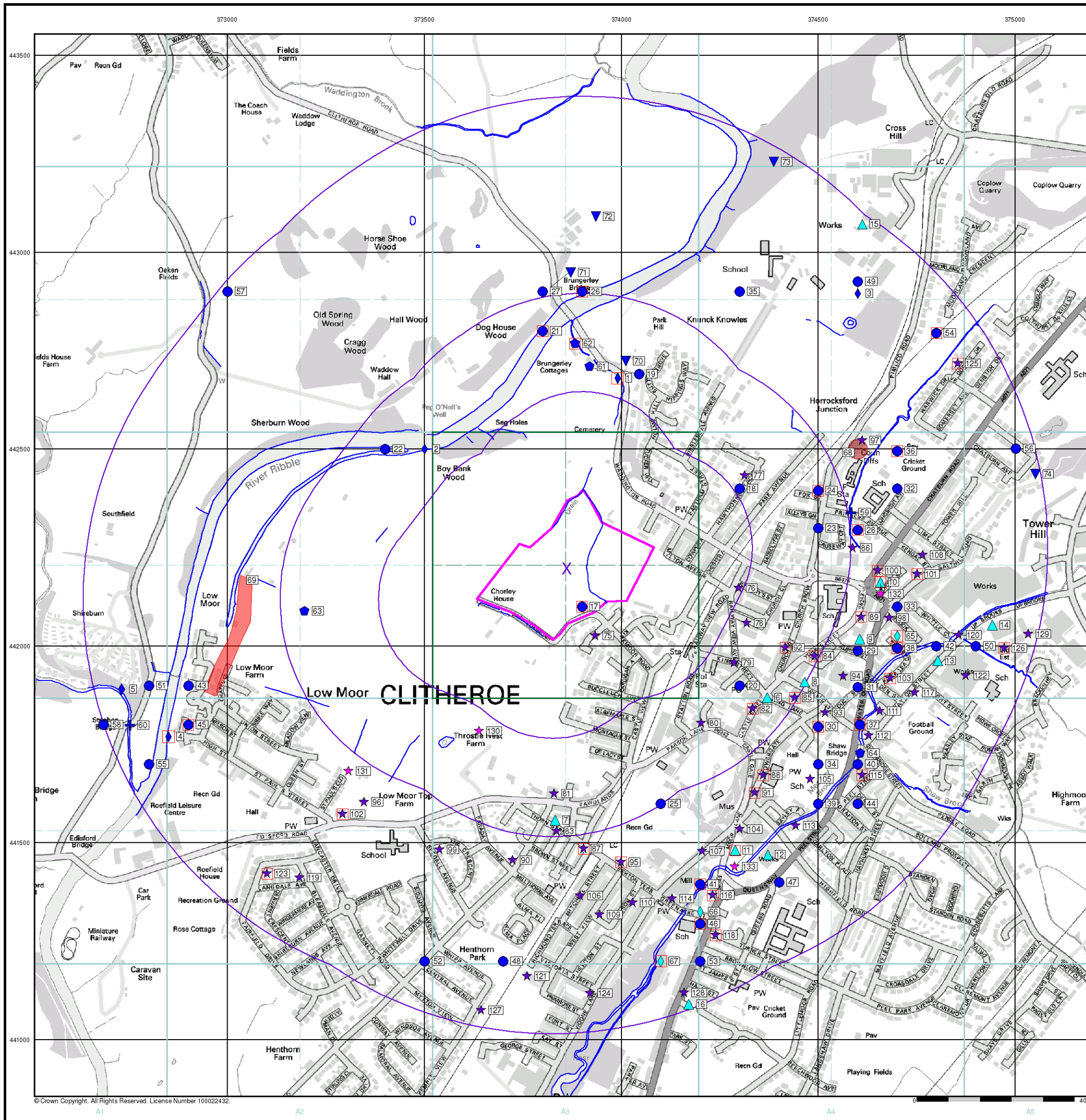










### Order Details

Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

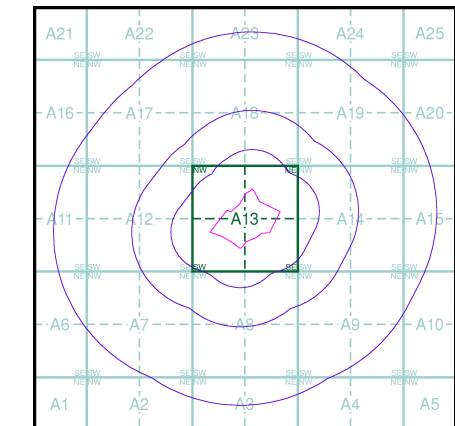
### Site Details

Site at, Clitheroe, Lancashire



- 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

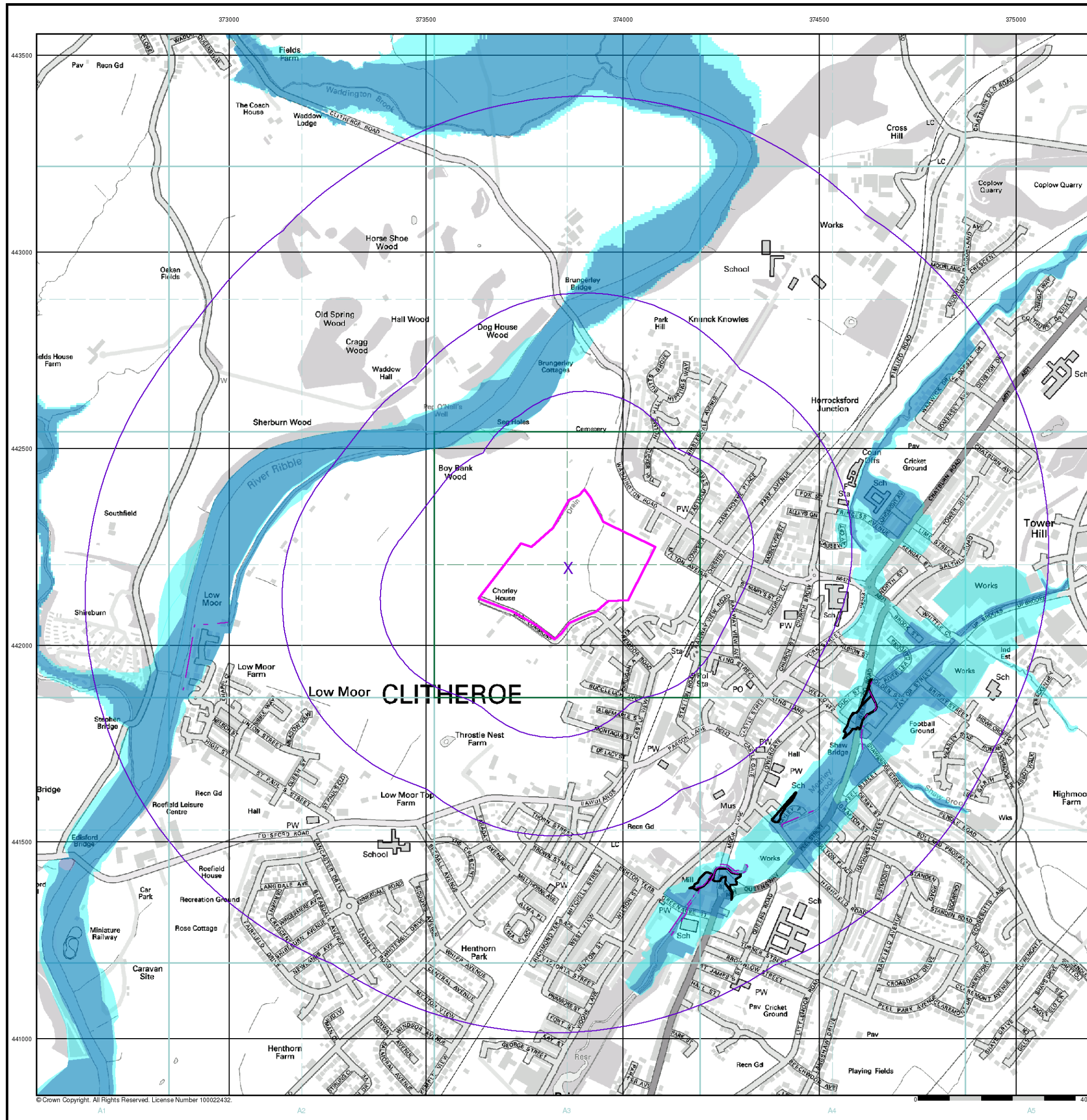


### Order Details






Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details






Site at, Clitheroe, Lancashire



### General

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

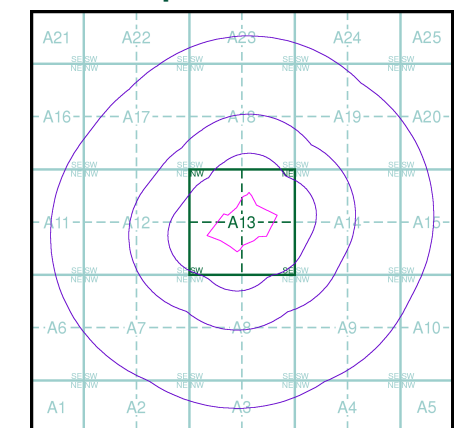
### Agency and Hydrological (Boreholes)

-  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

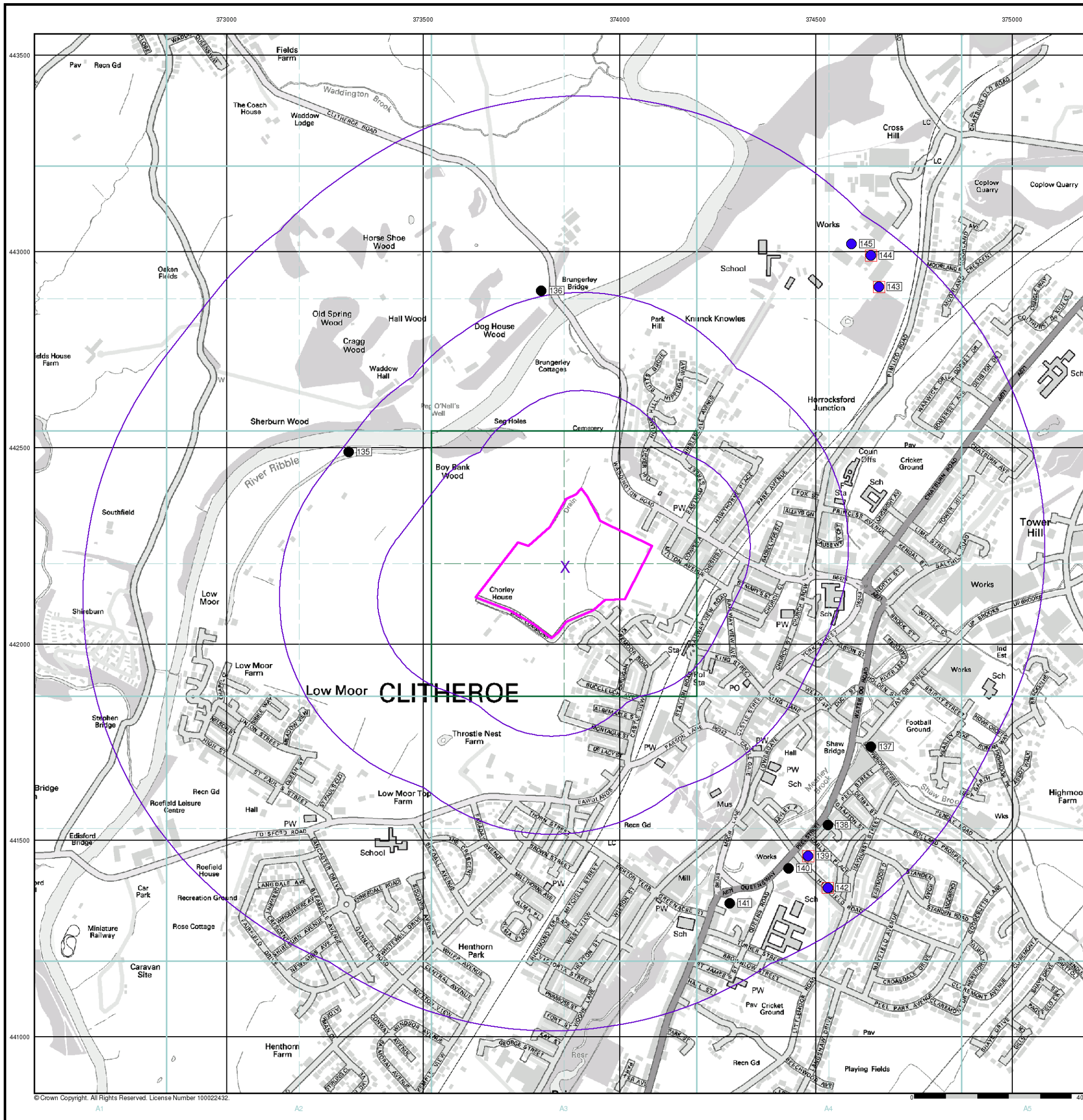


### Order Details

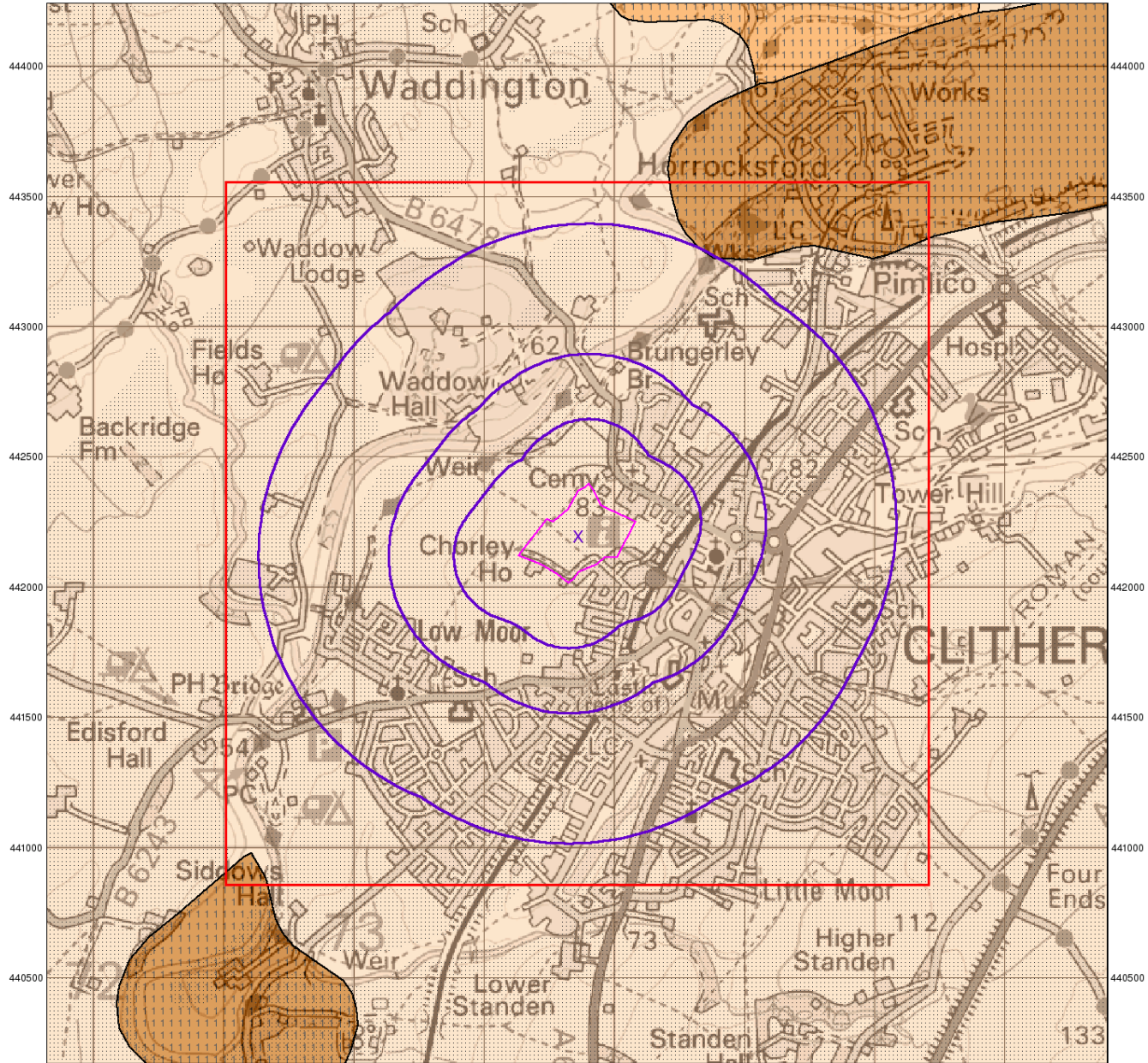
Order Number: 38971767\_1\_1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details

Site at, Clitheroe, Lancashire



372000 372500 373000 373500 374000 374500 375000 375500



© Crown Copyright. All Rights Reserved. License Number 100022432



## Groundwater Vulnerability

### General

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

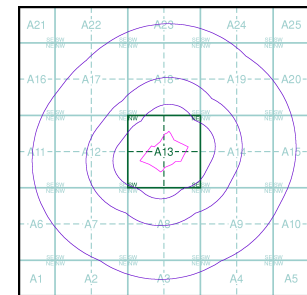
### Agency and Hydrological

#### Geological Classes

- |   |  |                       |
|---|--|-----------------------|
| <b>Major Aquifer (Highly Permeable)</b>   |  | High (H) 1, 2, 3, U   |
|   |  | Intermediate (I) 1, 2 |
|   |  | Low                   |
| <b>Minor Aquifer (Variably Permeable)</b> |  | High (H) 1, 2, 3, U   |
|   |  | Intermediate (I) 1, 2 |
|   |  | Low                   |
| <b>Non Aquifer (Negligibly Permeable)</b> |  |                       |
| <b>Water or Sea</b>                       |  |                       |
| <b>Drift Deposit</b>                      |  |                       |

#### Soil Classes

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 38971767\_1.1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

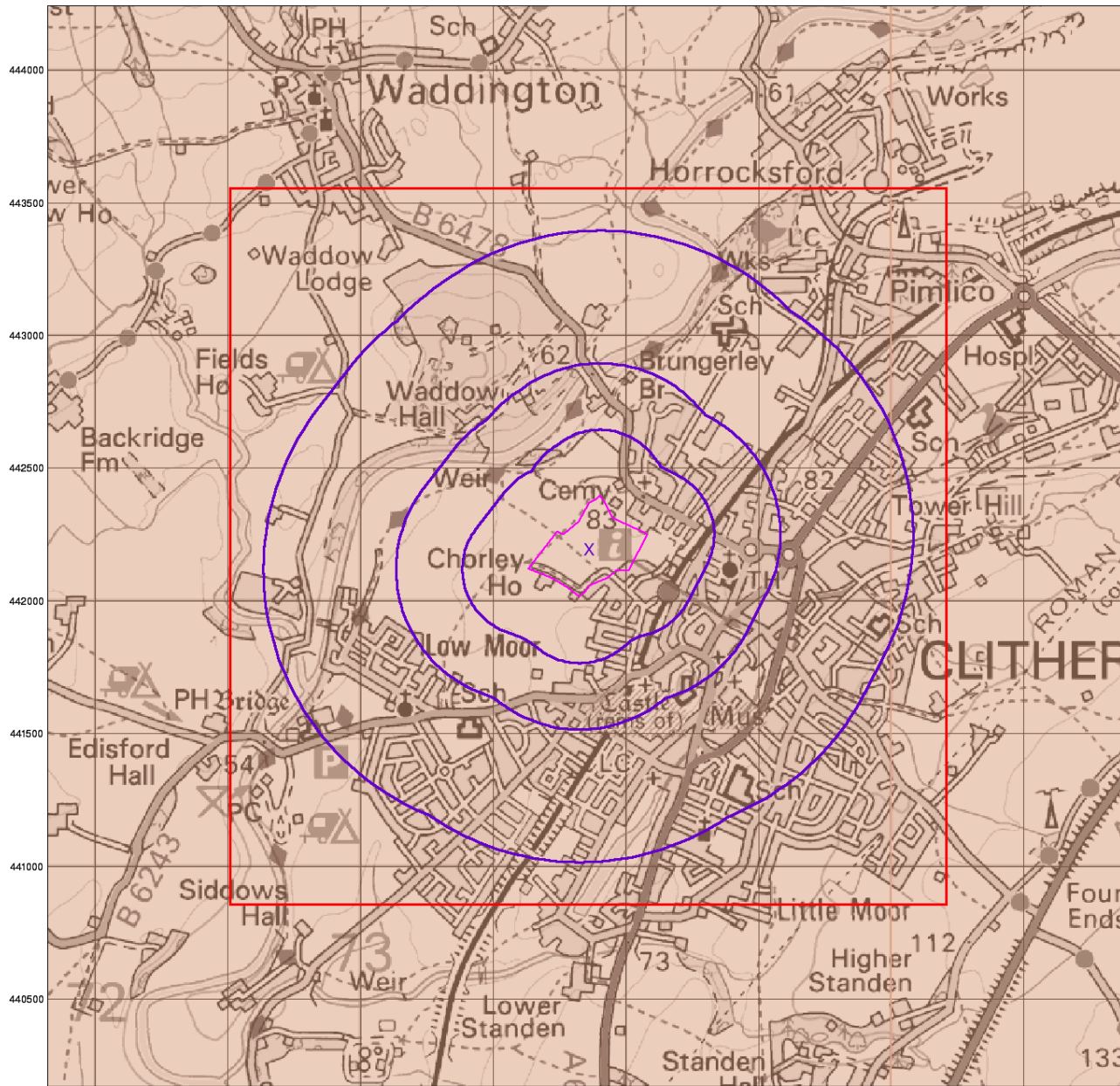
### Site Details

Site at, Clitheroe, Lancashire



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

372000 372500 373000 373500 374000 374500 375000 375500



© Crown Copyright. All Rights Reserved. License Number 100022432.



## Bedrock Aquifer Designation

### General

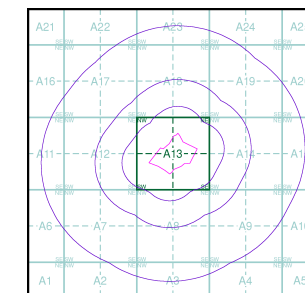
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 38971767\_1.1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

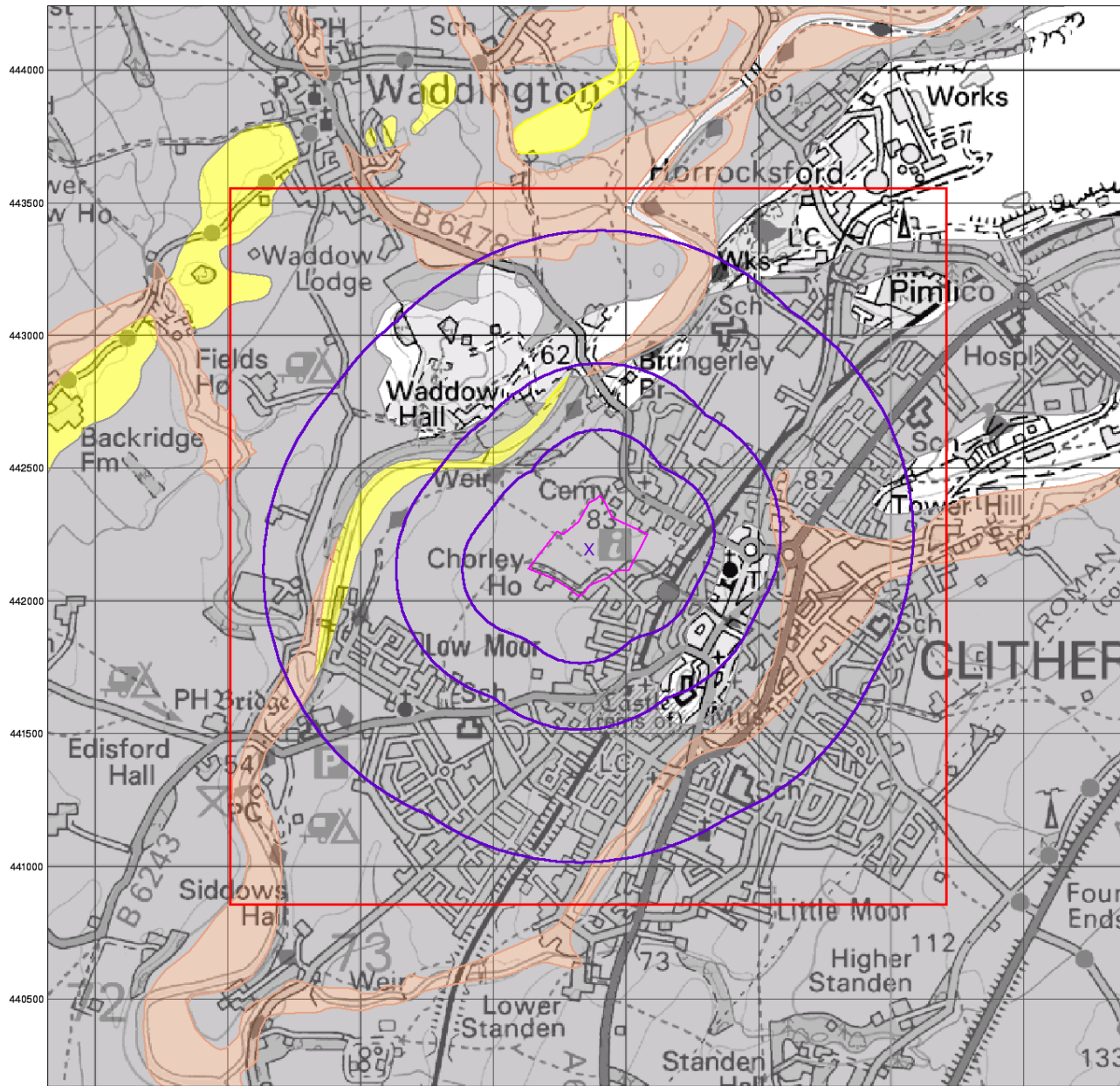
### Site Details

Site at, Clitheroe, Lancashire



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

372000 372500 373000 373500 374000 374500 375000 375500



© Crown Copyright. All Rights Reserved. License Number 100022432



## Superficial Aquifer Designation

### General

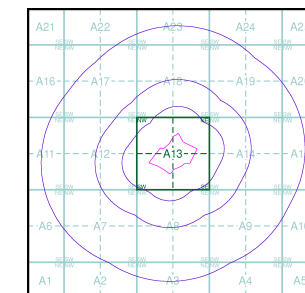
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 38971767\_1.1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

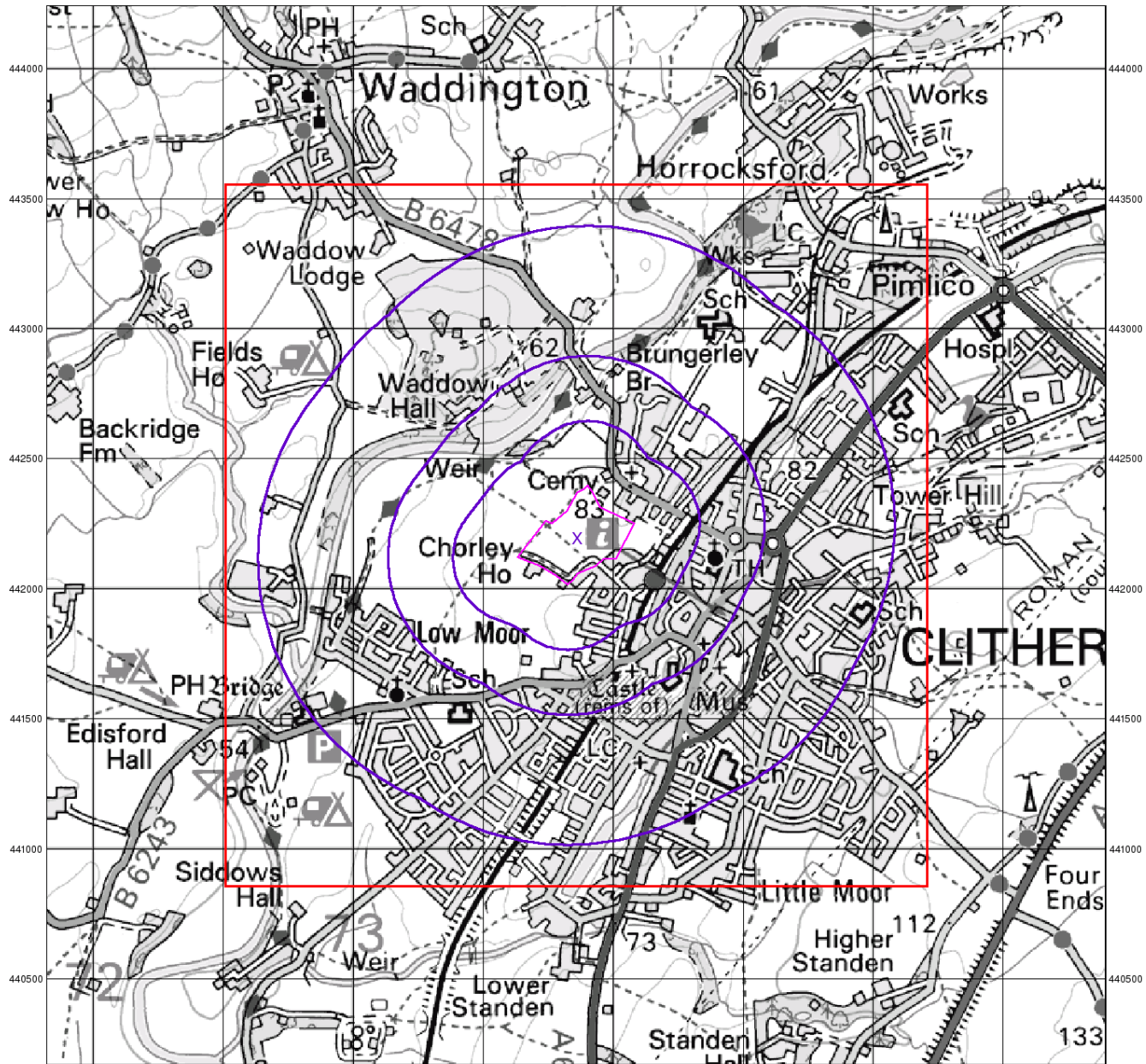
### Site Details

Site at, Clitheroe, Lancashire



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

372000 372500 373000 373500 374000 374500 375000 375500



© Crown Copyright. All Rights Reserved. License Number 100022432.



### Source Protection Zones

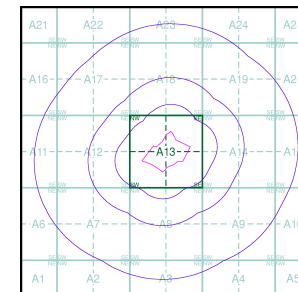
#### General

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

#### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 38971767\_1.1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

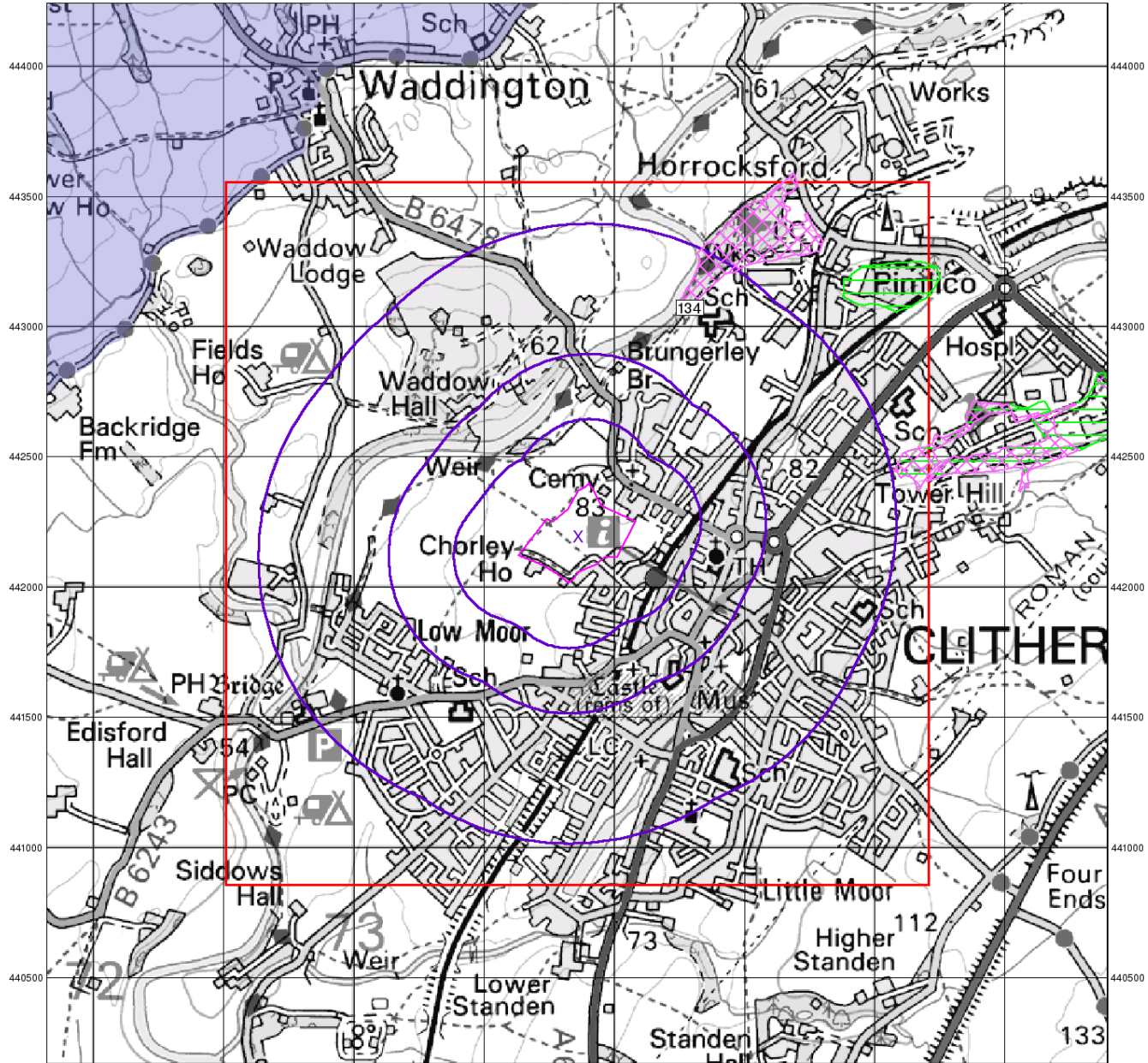
### Site Details

Site at, Clitheroe, Lancashire



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

372000 372500 373000 373500 374000 374500 375000 375500



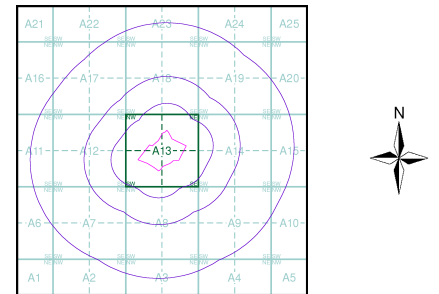
© Crown Copyright. All Rights Reserved. License Number 100022432



**Sensitive Land Uses**

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Slice
  - Map ID
- Sensitive Land Uses**
- Area of Adopted Green Belt
  - Area of Unadopted Green Belt
  - Area of Outstanding Natural Beauty
  - Environmentally Sensitive Area
  - Forest Park
  - Local Nature Reserve
  - Marine Nature Reserve
  - National Nature Reserve
  - National Park
  - Nitrate Sensitive Area
  - Nitrate Vulnerable Zone
  - Ramsar Site
  - Site of Special Scientific Interest
  - Special Area of Conservation
  - Special Protection Area

**Site Sensitivity Context Map - Slice A**



**Order Details**

Order Number: 38971767\_1.1  
 Customer Ref: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000








**Site Details**

Site at, Clitheroe, Lancashire









## Geology 1:50,000 Maps Legends

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	TILLD	Till, Devensian	Diamicton	Devensian - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Diamicton	Devensian - Devensian
	GLLDD	Glaciolacustrine Deposits, Devensian	Clay and Silt	Devensian - Devensian
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Quaternary - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Quaternary
	T2T3	River Terrace Deposits, 2 to 3	Sand and Gravel	Quaternary - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PRMT	Permian Rocks and Triassic Rocks (Undifferentiated)	Sandstone and Mudstone	Triassic - Permian
	CLHOM	Clitheroe Limestone Formation and Hodder Mudstone Formation (Undifferentiated)	Mudstone	Holkerian - Chadian
	CLLK	Clitheroe Limestone Formation (Knoll-Reef)	Limestone	Chadian - Chadian
	PQL	Peach Quarry Limestone Member	Limestone	Chadian - Chadian
	CHL	Chatburn Limestone Formation	Limestone	Chadian - Courceyan
		Faults		



### Geology 1:50,000 Maps

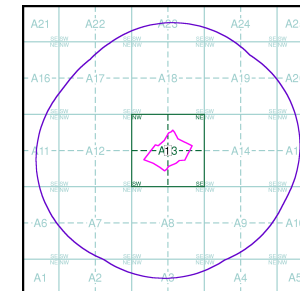
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

### Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	068
Map Name:	Clitheroe
Map Date:	1975
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Available
Landslip:	Available
Rock Segments:	Available

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



### Order Details:

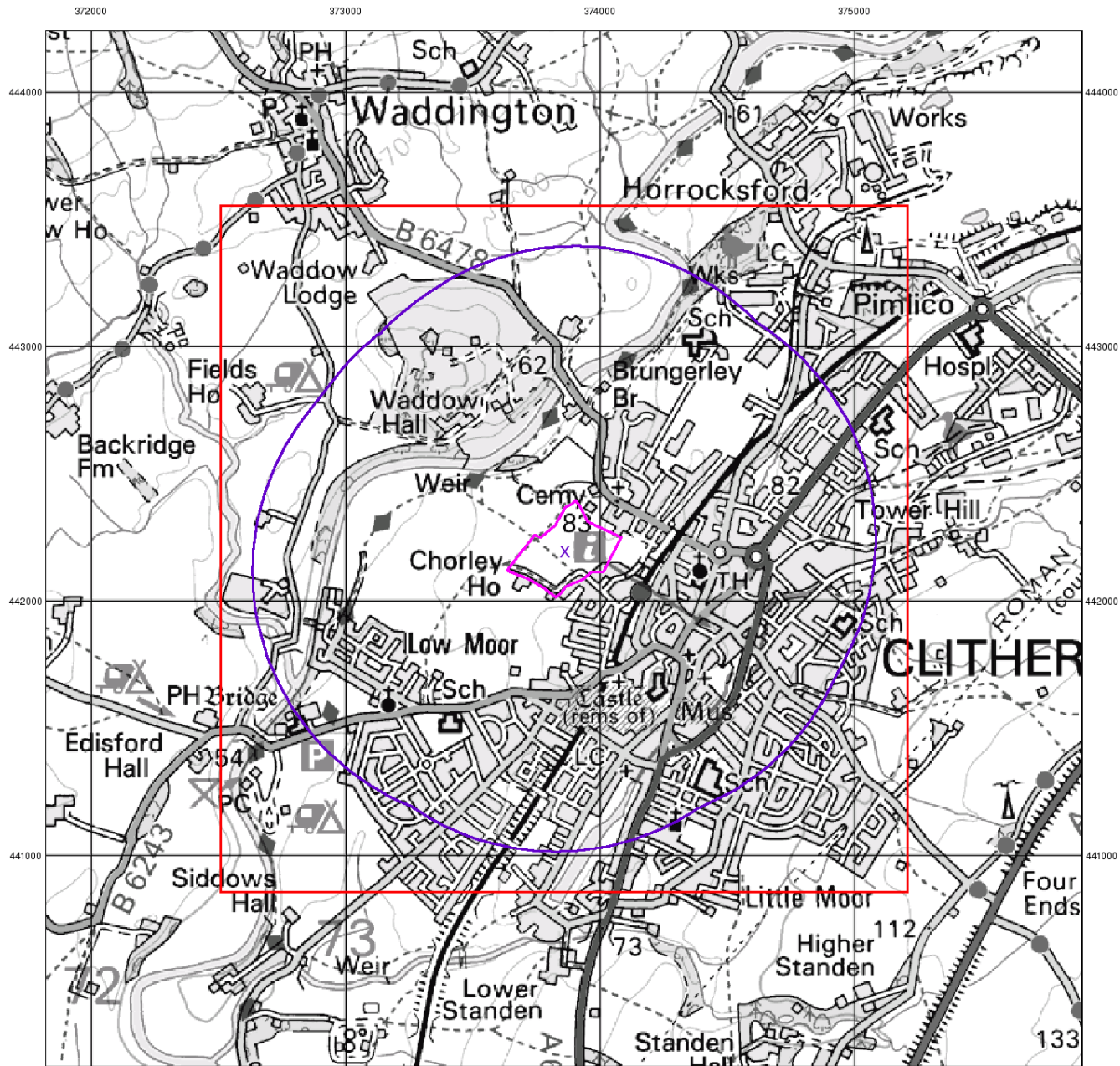
Order Number:	38971767_1_1
Customer Reference:	12CHE052
National Grid Reference:	373860, 442200
Slice:	A
Site Area (Ha):	8.29
Search Buffer (m):	1000

### Site Details:

Site at, Clitheroe, Lancashire



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



© Crown Copyright. All Rights Reserved. License Number 100022432.



### Artificial Ground and Landslip

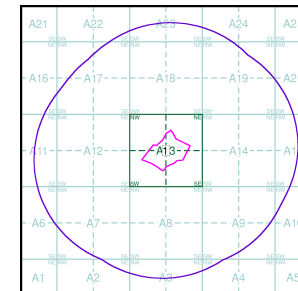
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

### Artificial Ground and Landslip Map - Slice A



### Order Details:

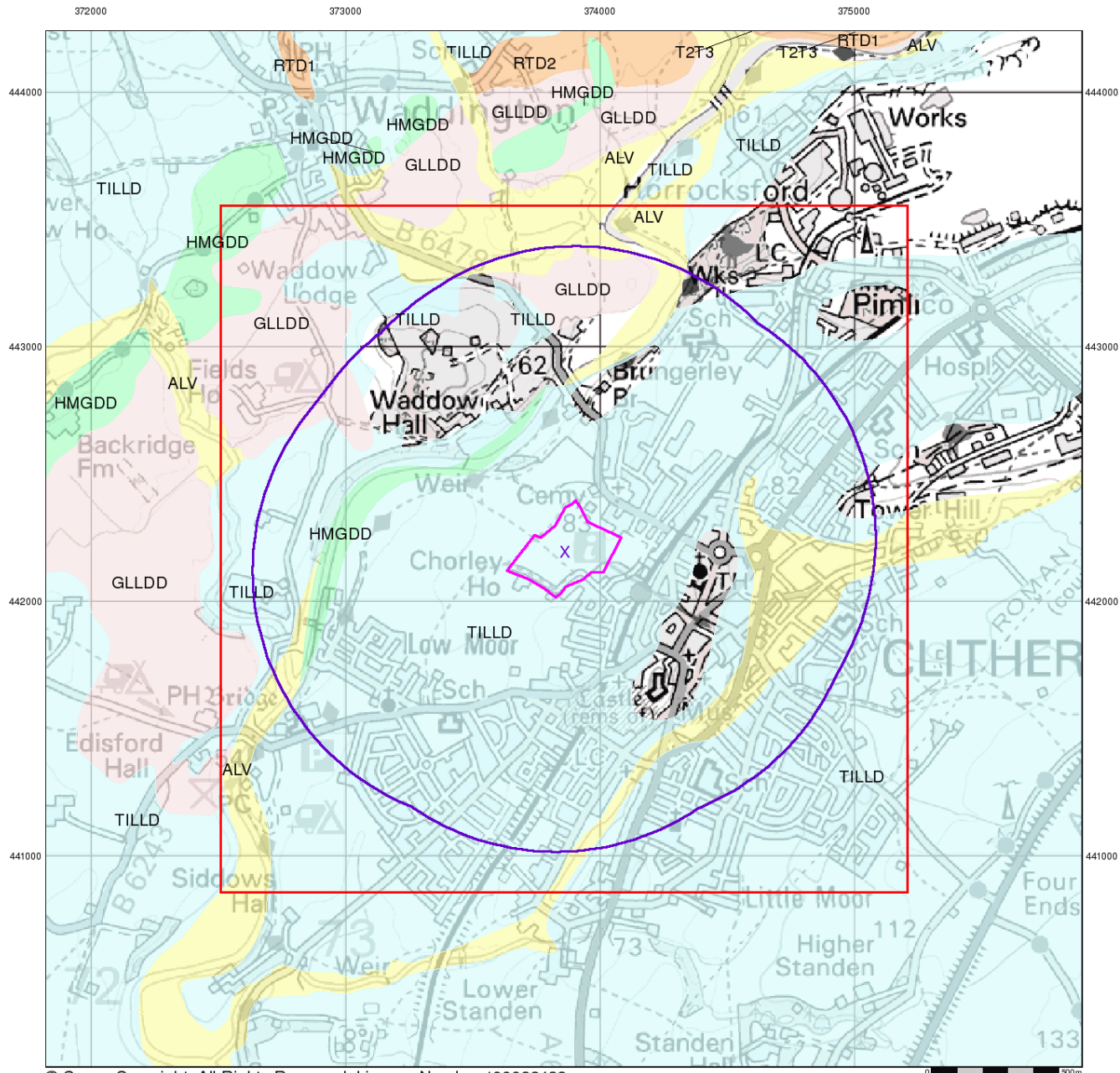
Order Number: 38971767\_1.1  
 Customer Reference: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details:

Site at, Clitheroe, Lancashire



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



© Crown Copyright. All Rights Reserved. License Number 100022432.



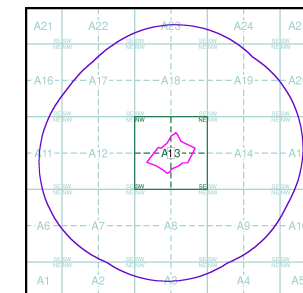
### Superficial Geology

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

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

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

### Superficial Geology Map - Slice A



### Order Details:

Order Number: 38971767\_1.1  
 Customer Reference: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

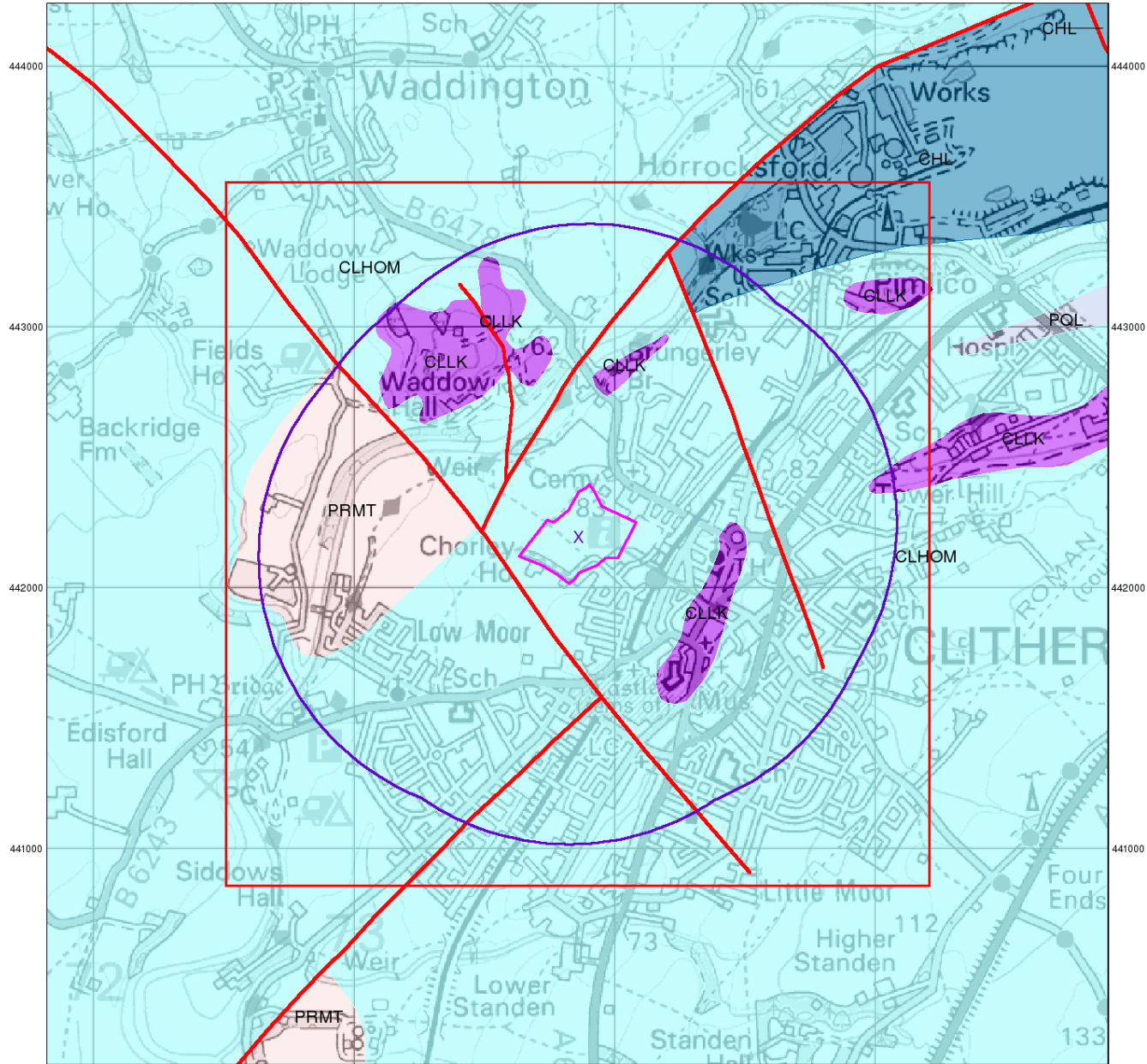
### Site Details:

Site at, Clitheroe, Lancashire



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

372000 373000 374000 375000



© Crown Copyright. All Rights Reserved. License Number 100022432.



### Bedrock and Faults

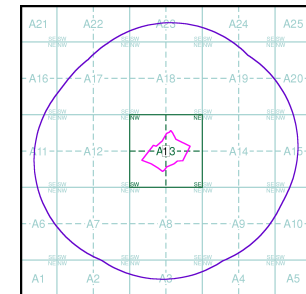
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

### Bedrock and Faults Map - Slice A



### Order Details:

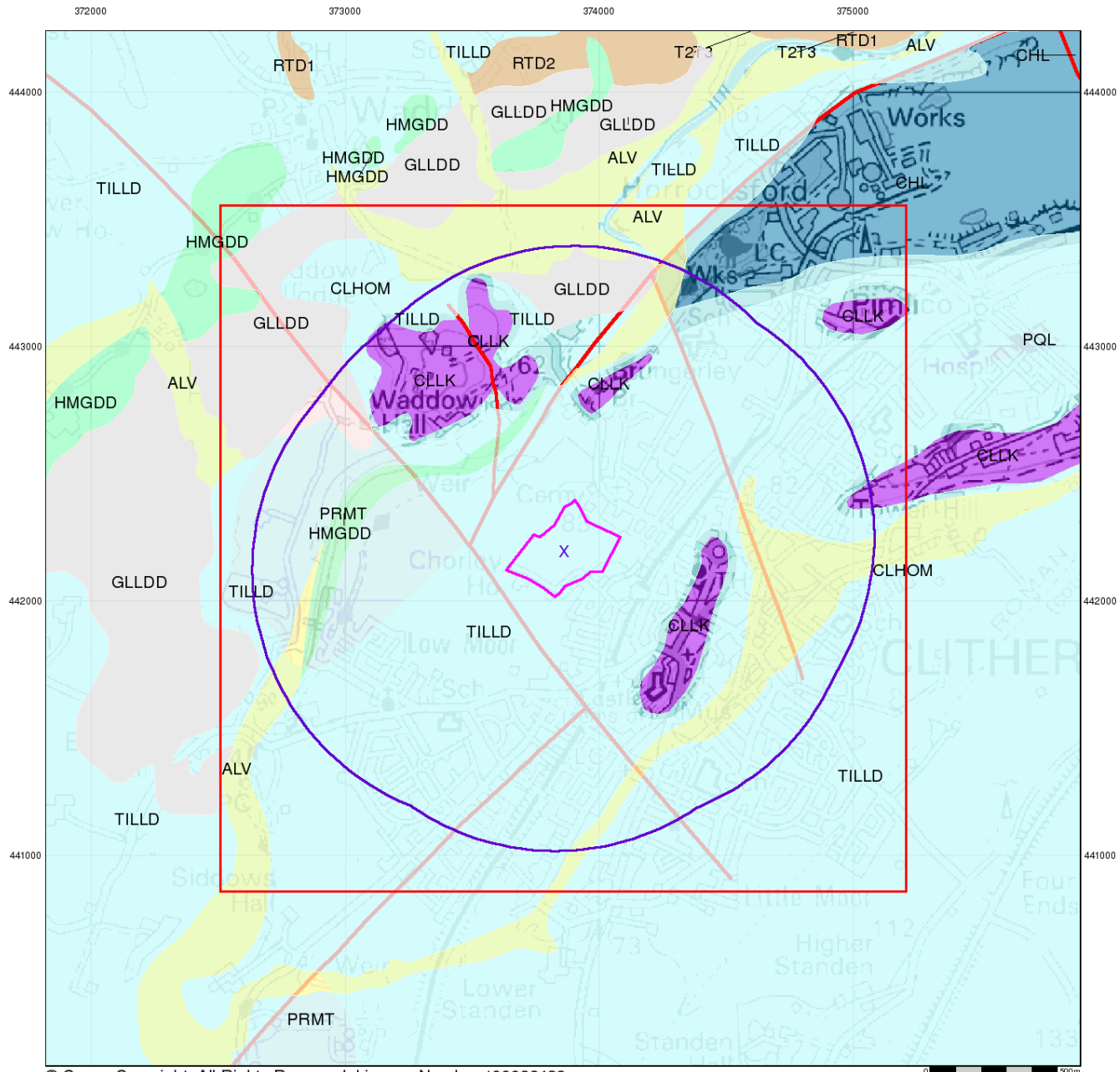
Order Number: 38971767\_1.1  
 Customer Reference: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details:

Site at, Clitheroe, Lancashire



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



© Crown Copyright. All Rights Reserved. License Number 100022432.



### Combined Surface Geology

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

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

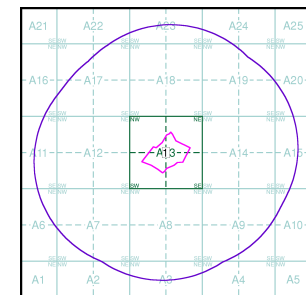
### Additional Information

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

### Contact

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

### Combined Geology Map - Slice A



### Order Details:

Order Number: 38971767\_1.1  
 Customer Reference: 12CHE052  
 National Grid Reference: 373860, 442200  
 Slice: A  
 Site Area (Ha): 8.29  
 Search Buffer (m): 1000

### Site Details:

Site at, Clitheroe, Lancashire



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

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

38971767\_1\_1

**Customer Reference:**

12CHE052

**National Grid Reference:**

373860, 442200

**Slice:**

A

**Site Area (Ha):**

8.29

**Search Buffer (m):**

1000

#### Site Details:

Site at  
Clitheroe  
Lancashire

#### Client Details:

Mr M Fawcett  
Betts Geo Environmental  
Old Marsh Farm Barns  
Welsh Road  
Sealand  
Flintshire  
CH5 2LY

<b>Report Section</b>	<b>Page Number</b>
<b>Summary</b>	-
<b>Agency &amp; Hydrological</b>	<b>1</b>
<b>Waste</b>	<b>23</b>
<b>Hazardous Substances</b>	-
<b>Geological</b>	<b>24</b>
<b>Industrial Land Use</b>	<b>40</b>
<b>Sensitive Land Use</b>	<b>49</b>
<b>Data Currency</b>	<b>50</b>
<b>Data Suppliers</b>	<b>54</b>
<b>Useful Contacts</b>	<b>55</b>

#### **Introduction**

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

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

#### **Copyright Notice**

© Landmark Information Group Limited 2012. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

#### **Natural England Copyright Notice**

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

#### **Ove Arup Copyright Notice**

The Data provided in this report was obtained on Licence from Ove Arup & Partners Limited (for further information, contact [mining.review@arup.com](mailto:mining.review@arup.com)). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The information and data supplied in the product are derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

#### **Peter Brett Associates Copyright Notice**

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

#### **Radon Potential dataset Copyright Notice**

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

#### **Report Version v47.0**

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			3	5
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 2			3	10
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4	Yes			
Pollution Incidents to Controlled Waters	pg 4	2		12	50
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 15			1	3
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 16				2
Substantiated Pollution Incident Register	pg 17			4	1
Water Abstractions	pg 18				5 (*10)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 21	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 22	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 22	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 22		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 22		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 23				2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<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 24	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 24	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 38			1	4
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 39	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 39	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 39	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 39	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 39	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 39	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 39	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 40		2	12	83
Fuel Station Entries	pg 48			1	3

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 49				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					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Plc  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Knock Knowles Ps, Adj Park, Clitheroe, Lancashire  Authority: Environment Agency, North West Region  Catchment Area: Not Supplied  Reference: 01rib0010  Permit Version: 2  Effective Date: 14th April 2009  Issued Date: 14th April 2009  Revocation Date: Not Supplied  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Sewer  Environment:  Receiving Water: S.W. Sewer  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	298	1	373990 442680
1	<p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Plc  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Knock Knowles Ps, Adj Park, Clitheroe, Lancashire  Authority: Environment Agency, North West Region  Catchment Area: Not Given  Reference: 01RIB0010  Permit Version: 1  Effective Date: 1st January 1995  Issued Date: Not Supplied  Revocation Date: 13th April 2009  Discharge Type: Storm /emergency overflow  Discharge: Sewage  Environment:  Receiving Water: S.W. Sewer  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18SE (N)	298	1	373990 442680
2	<p><b>Discharge Consents</b></p> <p>Operator: Girl Guides Association  Property Type: Sewage Disposal Works - Other  Location: Girl Guides Association, Clitheroe, Lancashire  Authority: Environment Agency, North West Region  Catchment Area: Not Given  Reference: 011a1795  Permit Version: 1  Effective Date: 7th October 1971  Issued Date: Not Supplied  Revocation Date: 7th October 1971  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ribble  <b>Status: Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	342	1	373500 442500
3	<p><b>Discharge Consents</b></p> <p>Operator: I.C.I. Chemicals &amp; Polymers Ltd  Property Type: Basic Industry, Chemicals Organic  Location: Clitheroe Works Pimlico Industrial Area, West Bradford Road, Clitheroe, Lancashire  Authority: Environment Agency, North West Region  Catchment Area: Not Given  Reference: 017190511  Permit Version: 1  Effective Date: 23rd December 1994  Issued Date: 23rd December 1994  Revocation Date: Not Supplied  Discharge Type: Trade Effluent Discharge-Site Drainage  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Cemetery Beck  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19NE (NE)	827	1	374600 442895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Plc  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Riverside Sps, Low Moor, Clitheroe, Lancashire  Authority: Environment Agency, North West Region  Catchment Area: Not Given  Reference: 017160135  Permit Version: 1  Effective Date: 31st July 1981  Issued Date: Not Supplied  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Ribble  <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A7NW (W)	847	1	372850 441800
4	<p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Plc  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Low Moor Ps, Adj Roundabout, Ribble Valley, Lancashire  Authority: Environment Agency, North West Region  Catchment Area: Not Supplied  Reference: 01rib0012  Permit Version: 2  Effective Date: 14th April 2009  Issued Date: 14th April 2009  Revocation Date: Not Supplied  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Freshwater Stream/River  Environment:  Receiving Water: S.W. System  <b>Status: Varied under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	859	1	372850 441770
4	<p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Plc  Property Type: Sewerage Network - Pumping Station - Water Company  Location: Low Moor Ps, Adj Roundabout, Ribble Valley, Lancashire  Authority: Environment Agency, North West Region  Catchment Area: Not Given  Reference: 01RIB0012  Permit Version: 1  Effective Date: 1st January 1995  Issued Date: Not Supplied  Revocation Date: 13th April 2009  Discharge Type: Storm /emergency overflow  Discharge: Into And/Or Watercourse  Environment:  Receiving Water: S.W. System  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	859	1	372850 441770
5	<p><b>Discharge Consents</b></p> <p>Operator: Shirebourne Park Limited  Property Type: Other Tourist/Short Stay Accommodation  Location: Shireburn Caravan Park Waddington Road, Edisford Bridge, Clitheroe, Lancashire, Bb7 3lb  Authority: Environment Agency, North West Region  Catchment Area: Ribble  Reference: 017190766  Permit Version: 1  Effective Date: 5th June 2003  Issued Date: 5th June 2003  Revocation Date: Not Supplied  Discharge Type: Sewage And Trade Combined - Unspecified  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Bashall Brook Trib R. Ribble  <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>	A11SE (W)	933	1	372730 441890
6	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Johnson Cleaners Uk Ltd  Location: 38-40 Castle Street, Clitheroe, BB7 2BX  Authority: Ribble Valley Borough Council, Environmental Health Department  Permit Reference: RVBC/51/06  Dated: 5th December 2006  Process Type: Local Authority Pollution Prevention and Control  Description: PG6/46 Dry cleaning  <b>Status: Permitted</b>  Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	436	2	374370 441865

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: David Ellis &amp; Ken Ward            Location: The Workshop, Thorn Street Garage, CLITHEROE, Lancashire, BB7 1DN            Authority: Ribble Valley Borough Council, Environmental Health Department            Permit Reference: Epa/18/96            Dated: 13th March 1996            Process Type: Local Authority Air Pollution Control            Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input            Status: <b>Authorisation revokedRevoked</b>            Positional Accuracy: Manually positioned to the address or location</p>	A8NW (S)	462	2	373832 441554
8	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Clitheroe Dry Cleaners            Location: 23 Wellgate, Clitheroe, Bb7 2dp            Authority: Ribble Valley Borough Council, Environmental Health Department            Permit Reference: RVBC/PPC/54/06            Dated: 5th December 2006            Process Type: Local Authority Pollution Prevention and Control            Description: PG6/46 Dry cleaning            Status: <b>Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A14SW (SE)	498	2	374465 441905
9	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Ian Boocock            Location: Unit 4 &amp; 5 Albion Court, Waterloo Road, CLITHEROE, Lancashire, BB7            Authority: Ribble Valley Borough Council, Environmental Health Department            Permit Reference: Rvbc/Ppc/41/04            Dated: 6th January 2003            Process Type: Local Authority Air Pollution Control            Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input            Status: <b>Authorised</b>            Positional Accuracy: Manually positioned to the address or location</p>	A14SE (E)	574	2	374605 442013
10	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Harrison &amp; Co Ltd            Location: Chatburn Road, Chatburn, CLITHEROE, Lancashire, BB7 4JY            Authority: Ribble Valley Borough Council, Environmental Health Department            Permit Reference: RVBC/PPC/32/05            Dated: 14th October 2005            Process Type: Local Authority Pollution Prevention and Control            Description: PG1/14 Petrol filling station            Status: <b>Permitted</b>            Positional Accuracy: Manually positioned to the address or location</p>	A14SE (E)	578	2	374658 442204
10	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Roundabout Filling Station            Location: Chatburn Road, CLITHEROE, Lancashire, BB7 2AP            Authority: Ribble Valley Borough Council, Environmental Health Department            Permit Reference: PPC 26/05            Dated: 31st July 2000            Process Type: Local Authority Pollution Prevention and Control            Description: PG1/14 Petrol filling station            Status: <b>Permitted</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	583	2	374658 442158
11	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Bowker Bros (Clitheroe) Ltd            Location: Highfield Works, Sun Street, CLITHEROE, Lancashire, BB7 1AL            Authority: Ribble Valley Borough Council, Environmental Health Department            Permit Reference: Rvbc/Epa/02/92            Dated: 1st February 1994            Process Type: Local Authority Air Pollution Control            Description: PG6/10 Coating manufacturing            Status: <b>Authorisation revokedRevoked</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A9SW (SE)	695	2	374289 441477
11	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Bowker Bros (Clitheroe) Ltd            Location: Highfield Works, Sun Street, CLITHEROE, Lancashire, BB7 1AL            Authority: Ribble Valley Borough Council, Environmental Health Department            Permit Reference: Rvbc/Epa/12/93            Dated: 1st February 1993            Process Type: Local Authority Air Pollution Control            Description: PG6/2 Manufacture of timber and wood-based products            Status: <b>Authorisation revokedRevoked</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A9SW (SE)	697	2	374287 441474

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<b>Local Authority Pollution Prevention and Controls</b> Name: Flexible Reinforcements Ltd Location: Queensway House, Queensway, CLITHEROE, Lancashire, BB7 1AU Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: Rvbc/Epa/11/92 Dated: 1st May 1994 Process Type: Local Authority Air Pollution Control Description: PG6/10 Coating manufacturing <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	742	2	374372 441466
13	<b>Local Authority Pollution Prevention and Controls</b> Name: 3m Neotechnic Ltd Location: Taylor Street, CLITHEROE, Lancashire, BB7 1NL Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: PPC / 46 Dated: 19th January 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG4/1 Processes for the surface treatment of metals <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Manually positioned to the address or location	A14SE (E)	777	2	374803 441959
14	<b>Local Authority Pollution Prevention and Controls</b> Name: Gee-Co (Precast) Ltd Location: Upbrooks Mill, Taylor Street, CLITHEROE, Lancashire, BB7 1NL Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: RVBC/PPC/45/04 Dated: 16th March 2004 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1 Blending, packing, loading and use of bulk cement <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Manually positioned to the address or location	A15SW (E)	883	2	374942 442049
15	<b>Local Authority Pollution Prevention and Controls</b> Name: Tarmac Central Ltd Location: Bankfield Quarry, Pimlico Link Road, Clitheroe Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: PPC / 7 Dated: 17th February 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG3/15 Mineral drying and roadstone coating processes <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A19NE (NE)	974	2	374612 443067
16	<b>Local Authority Pollution Prevention and Controls</b> Name: Massey Tankers Location: Croft Street, CLITHEROE, Lancashire, BB7 2RA Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: Rvbc/Epa/27/00 Dated: 31st August 2000 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Manually positioned to the road within the address or location	A3NE (S)	992	2	374171 441086
	<b>Nearest Surface Water Feature</b>	A13SE (SE)	0	-	373915 442166
17	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Cemetery Beck Incident Date: 28th September 1993 Incident Reference: 93340088 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	0	1	373900 442095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Cemetery Beck Incident Date: 8th September 1993 Incident Reference: 93340078 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	0	1	373900 442100
18	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Industrial Effluent Note: Pimlico Brook Incident Date: 28th January 1993 Incident Reference: 93340014 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	264	1	374300 442400
19	<b>Pollution Incidents to Controlled Waters</b> Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Industrial Effluent Note: Cemetery Beck Incident Date: 24th June 1992 Incident Reference: 92300076 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	320	1	374000 442700
20	<b>Pollution Incidents to Controlled Waters</b> Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Mearley Brook Incident Date: 5th May 1994 Incident Reference: 94340060 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	359	1	374300 441900
21	<b>Pollution Incidents to Controlled Waters</b> Property Type: No Premises Identified Location: Cemetary Beck, BRUNGERLE Authority: Environment Agency, North West Region Pollutant: No Pollutant Note: Not Supplied Incident Date: 9th April 1999 Incident Reference: 2138 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	413	1	373800 442795
21	<b>Pollution Incidents to Controlled Waters</b> Property Type: No Premises Identified Location: Cemetary Beck, BRUNGERLE Authority: Environment Agency, North West Region Pollutant: No Pollutant Note: Not Supplied Incident Date: 3rd April 1999 Incident Reference: 2137 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A18SW (N)	418	1	373800 442800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: Not Supplied Incident Date: 14th September 1993 Incident Reference: 93340083 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	418	1	373400 442500
23	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Pimlico Brook Incident Date: 30th December 1991 Incident Reference: 91340121 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	421	1	374500 442300
24	<b>Pollution Incidents to Controlled Waters</b> Property Type: Boats/Ships Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Incident Date: 1st July 1994 Incident Reference: 94340101 Catchment Area: Ribble - Non-Tidal Receiving Water: Canal Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	442	1	374500 442395
24	<b>Pollution Incidents to Controlled Waters</b> Property Type: Road Location: Unnamed Tributary Of River Ribble, Pimlico Road Authority: Environment Agency, North West Region Pollutant: Oils - Other Fuel Oil Note: Not Supplied Incident Date: 25th April 1998 Incident Reference: CE980433 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Leaking Tank Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	444	1	374500 442400
25	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: St James's School, CLITHEROE Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 9th July 1998 Incident Reference: CE980832 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	498	1	374100 441600
26	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: River Ribble Incident Date: 30th April 1995 Incident Reference: 95340040 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	500	1	373905 442895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 3rd May 1994 Incident Reference: 94340056 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Leaking Tank Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	500	1	373900 442895
26	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; Oil Reported Incident Date: 1st October 1996 Incident Reference: 96340074 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	505	1	373905 442900
26	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 28th September 1993 Incident Reference: 93340089 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	505	1	373900 442900
27	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: River Ribble Incident Date: 22nd October 1994 Incident Reference: 94340149 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	515	1	373800 442900
28	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Pimlico Brook Incident Date: 18th October 1993 Incident Reference: 93340096 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	520	1	374600 442295
28	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Pimlico Brook Incident Date: 20th August 1992 Incident Reference: 92340095 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	520	1	374600 442300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Waste Oil Note: Pimlico Brook; Oil/Degreasing Agent Incident Date: 14th June 1994 Incident Reference: 94340087 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	525	1	374605 442295
29	<b>Pollution Incidents to Controlled Waters</b> Property Type: Private Sewage (Non-PLC): Other Location: Pimlico Bk , Opposite Tesco Authority: Environment Agency, North West Region Pollutant: Cattle Land Runoff Note: Pimlico; Silt Incident Date: 9th September 1997 Incident Reference: 97340083 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	575	1	374600 442000
30	<b>Pollution Incidents to Controlled Waters</b> Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Other Sewage Note: Mearley Brook; Sullage Incident Date: 15th October 1995 Incident Reference: 95340122 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	580	1	374500 441800
30	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: Mearley Bk Incident Date: 20th October 1995 Incident Reference: 95340125 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	583	1	374500 441795
30	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Mearly Bk , CLITHEROE Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Ribble; Oil Incident Date: 21st August 1997 Incident Reference: 97340113 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Overfilling During Delivery Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	587	1	374505 441795
31	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Pimlico/Mearley Bk Incident Date: 12th August 1994 Incident Reference: 94340122 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	623	1	374600 441895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Pimlico Brook Incident Date: 4th March 1992 Incident Reference: 92340023 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	636	1	374700 442400
33	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Mearley Brook; Builders Material Incident Date: 13th March 1991 Incident Reference: 91340083 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	636	1	374700 442100
34	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Pimlico Brook Incident Date: 6th May 1995 Incident Reference: 95340049 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	640	1	374500 441700
35	<b>Pollution Incidents to Controlled Waters</b> Property Type: Spillage; Accident - Static Site Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Fire water / Foam Note: Fire Water Incident Date: 8th August 1996 Incident Reference: 96340063 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	642	1	374300 442900
36	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Pimlico Brook; Small Amounts Rubbis Incident Date: 12th November 1993 Incident Reference: 93340117 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	665	1	374700 442495
36	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Pimlico Brook Incident Date: 3rd March 1992 Incident Reference: 92340022 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	666	1	374700 442500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Mearley/Pimlico Brook Incident Date: 5th October 1993 Incident Reference: 93340091 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	666	1	374600 441800
37	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Adjacent To Showbridge, Lancashire Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 26th August 1999 Incident Reference: 31794 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Drainage Failures : Foul Sewer Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	669	1	374605 441805
37	<b>Pollution Incidents to Controlled Waters</b> Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Detergents/Surfactant Note: Mearley Brook Incident Date: 11th August 1995 Incident Reference: 95340100 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	669	1	374600 441795
37	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Whittle Close , CLITHEROE Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Meaney Brook; Unknown Incident Date: 30th January 1997 Incident Reference: 97340018 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	671	1	374605 441800
37	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: Mearley Bk; None Pollution Found Incident Date: 4th April 1995 Incident Reference: 95340032 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	673	1	374605 441795
38	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Fats And Grease Note: Mearley Brook Incident Date: 10th February 1993 Incident Reference: 93340011 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	666	1	374700 442000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Mearley Brook Incident Date: 18th July 1994 Incident Reference: 94340109 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	668	1	374700 441995
38	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other Location: Oil Mearley Bk Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Mearley Bk; Oil Incident Date: 31st July 1997 Incident Reference: 97340081 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: In River Works Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	671	1	374705 442000
38	<b>Pollution Incidents to Controlled Waters</b> Property Type: Other Location: Mearley Brook Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Mearley Bk; Oil/Silt Incident Date: 30th July 1997 Incident Reference: 97340080 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: In River Works Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	673	1	374705 441995
39	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Mearley Brook Incident Date: 15th January 1993 Incident Reference: 93340003 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	709	1	374500 441600
40	<b>Pollution Incidents to Controlled Waters</b> Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: Mearley Brook; Paraffin Wax Incident Date: 30th July 1991 Incident Reference: 91340067 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	719	1	374600 441700
41	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Mearley Brook Incident Date: 19th January 1993 Incident Reference: 93340004 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	720	1	374200 441400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Not Given Note: Mearley Brook; None Pollution Found Incident Date: 15th July 1993 Incident Reference: 93340063 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	725	1	374200 441395
42	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Vegetation/Cuttings Note: Mearley Brook; Garden Waste Incident Date: 16th June 1992 Incident Reference: 92340072 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	760	1	374800 442000
43	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Not Given Note: River Ribble; None Pollution Found Incident Date: 8th July 1993 Incident Reference: 93340060 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	766	1	372900 441900
44	<b>Pollution Incidents to Controlled Waters</b> Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Shaw Brook Incident Date: 29th January 1993 Incident Reference: 93340006 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	781	1	374600 441600
45	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Ribble Between Shireburn And, Edisford Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Not Supplied Incident Date: 6th July 1998 Incident Reference: CE980867 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (W)	801	1	372900 441800
45	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Shireford And, Edisford Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 6th July 1998 Incident Reference: CE980830 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	803	1	372900 441795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	<b>Pollution Incidents to Controlled Waters</b> Property Type: Construction Location: Woone Lane Works Authority: Environment Agency, North West Region Pollutant: Inert : Subsoil Note: Not Supplied Incident Date: 15th January 1999 Incident Reference: 1610 Catchment Area: Mearley Brook Receiving Water: River Stretch (Freshwater) Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9SW (S)	812	1	374200 441295
46	<b>Pollution Incidents to Controlled Waters</b> Property Type: Construction: Other Location: Kennedy, Mearly Brook, Woone Lane Works, Lancashire Authority: Environment Agency, North West Region Pollutant: Inert : Subsoil Note: Not Supplied Incident Date: 15th January 1999 Incident Reference: 30457 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Human Actions : Management Failure Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9SW (S)	814	1	374205 441295
47	<b>Pollution Incidents to Controlled Waters</b> Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: Mearley Brook; Fluorescein Incident Date: 8th July 1994 Incident Reference: 94340107 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	813	1	374400 441400
48	<b>Pollution Incidents to Controlled Waters</b> Property Type: Miscellaneous Premises: Other Location: CLITHEROE Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Diesel Incident Date: 30th July 1998 Incident Reference: CE980673 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	826	1	373700 441200
49	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Mearley Bk, CLITHEROE Authority: Environment Agency, North West Region Pollutant: Rubbish Note: No Pollution; No Pollution Incident Date: 22nd June 1997 Incident Reference: 97340063 Catchment Area: Ribble - Non-Tidal Receiving Water: Coastal Water Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NE (NE)	831	1	374600 442900
50	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Mearley Brook; Dead Chickens Incident Date: 30th September 1993 Incident Reference: 93340090 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15SW (E)	855	1	374900 442000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Other Note: River Ribble; Mains Water Incident Date: 23rd April 1993 Incident Reference: 93340030 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11SE (W)	863	1	372800 441900
52	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 25th August 1993 Incident Reference: 93340076 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (S)	879	1	373500 441200
53	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Mearley Brook; Chicken Entrails Incident Date: 22nd October 1992 Incident Reference: 92340106 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (S)	897	1	374200 441200
54	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: Pimlico Brook; Unknown Incident Date: 15th August 1995 Incident Reference: 95340101 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	901	1	374800 442795
54	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: Pimlico Brook; Natural Silt Incident Date: 24th July 1996 Incident Reference: 96340056 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	904	1	374800 442800
55	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Bashall Brook; Tyres Incident Date: 31st December 1991 Incident Reference: 91340122 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6NE (SW)	934	1	372800 441700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Chatburn Road, CLITHEROE Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: Not Supplied Incident Date: 8th September 1998 Incident Reference: CE980808 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NW (E)	952	1	375001 442501
57	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Mearley Brook; Dumped Refuse Bags Incident Date: 12th May 1995 Incident Reference: 95340052 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	981	1	373000 442900
58	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: Not Supplied Incident Date: 12th September 1993 Incident Reference: 93340081 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6NE (W)	987	1	372700 441800
	<b>River Quality</b> Name: Ribble GQA Grade: River Quality B Reach: Stock Beck To Clitheroe Stw Estimated Distance (km): 19.1 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A18SW (NW)	297	1	373641 442565
	<b>River Quality</b> Name: Pimlico Bk GQA Grade: River Quality A Reach: Qsl At Chatburn I.E. To Mearley Bk Estimated Distance (km): 2.7 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14SE (E)	601	1	374614 441944
	<b>River Quality</b> Name: Mearley Bk GQA Grade: River Quality B Reach: Qsl At Tower Hill To Ribble Estimated Distance (km): 3.9 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A9NE (SE)	686	1	374612 441782
	<b>River Quality</b> Name: Bashall Bk GQA Grade: River Quality B Reach: Qsl Bashall Hall To Ribble Estimated Distance (km): 3.4 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A6NE (W)	943	1	372745 441807

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	<b>River Quality Chemistry Sampling Points</b> Name: Pimlico Brook Reach: Qsl At Chatburn I.E. To Mearley Brook Estimated Distance: 2.70 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: Not Supplied Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A14NE (E)	509	1	374583 442339

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	<b>River Quality Chemistry Sampling Points</b> Name: Bashall Brook Reach: Qsl Bashall Hall To Ribble Estimated Distance: 3.40 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: Not Supplied Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied	A6NE (W)	939	1	372752 441799
61	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North West Region, North Area Incident Date: 11th January 2005 Incident Reference: 286754 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage Pollutant: Sewage Materials: Grey Water Pollutant: Other Sewage	A18SE (N)	306	1	373961 442696
62	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North West Region, North Area Incident Date: 24th September 2005 Incident Reference: 348809 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 10m Pollutant: Crude Sewage	A18SE (N)	373	1	373882 442768

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North West Region, North Area Incident Date: 23rd March 2008 Incident Reference: 572947 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 10m Pollutant: Contaminated Water: Suspended Solids	A18SE (N)	405	1	373870 442799
63	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North West Region, North Area Incident Date: 27th September 2011 Incident Reference: 926435 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Other Sewage	A12SE (W)	440	1	373195 442089
64	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - North West Region, North Area Incident Date: 29th April 2008 Incident Reference: 582562 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 10m Pollutant: Pollutant Not Identified: Not Identified	A9NE (SE)	709	1	374606 441726
65	<b>Water Abstractions</b> Operator: Castle Castings Ltd Licence Number: 2671309002 Permit Version: Not Supplied Location: Mearley Brook, South Bank Of Brook At Works Site, CLITHEROE Authority: Environment Agency, North West Region Abstraction: Industrial Cooling (Miscellaneous) Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 9 Yearly Rate (m3): 2228 Details: Additional Purpose: Cooling; Licence Status: 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	A14SE (E)	660	1	374695 442005
65	<b>Water Abstractions</b> Operator: Castle Castings Ltd Licence Number: 2671309001 Permit Version: Not Supplied Location: Mearley Brook, On Works Site, CLITHEROE Authority: Environment Agency, North West Region Abstraction: Industrial Cooling (Miscellaneous) Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 36 Yearly Rate (m3): 8910 Details: Additional Purpose: Cooling; Licence Status: 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	A14SE (E)	665	1	374700 442005
66	<b>Water Abstractions</b> Operator: James Thornber Ltd Licence Number: 2671309025 Permit Version: 100 Location: Mearley Brk At Clitheroe Authority: Environment Agency, North West 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): 982 Yearly Rate (m3): 227300 Details: Land At Holmes Mill Clitheroe. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9SW (S)	808	1	374200 441300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	<b>Water Abstractions</b> Operator: Stalwart Dyeing Co Ltd Licence Number: 2671309033 Permit Version: 100 Location: Mearley Brk Feeding Primrose Lodge At Clitheroe Authority: Environment Agency, North West Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1000 Yearly Rate (m3): 181840 Details: Primrose Wrks, Clitheroe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th December 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SE (S)	861	1	374100 441200
67	<b>Water Abstractions</b> Operator: Stalwart Dyeing Co Ltd Licence Number: 2671309033 Permit Version: 100 Location: Mearley Brk Feeding Primrose Lodge At Clitheroe Authority: Environment Agency, North West 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Primrose Wrks, Clitheroe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th December 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	861	1	374100 441200
	<b>Water Abstractions</b> Operator: Stalwart Dyeing Co Ltd Licence Number: 2671309033 Permit Version: 100 Location: Mearley Brk Feeding Primrose Lodge At Clitheroe Authority: Environment Agency, North West Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Primrose Wrks, Clitheroe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th December 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SW (S)	1216	1	373800 440800
	<b>Water Abstractions</b> Operator: Stalwart Dyeing Co Ltd Licence Number: 2671309033 Permit Version: 100 Location: Mearley Brk Feeding Primrose Lodge At Clitheroe Authority: Environment Agency, North West 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Primrose Wrks, Clitheroe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th December 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SW (S)	1216	1	373800 440800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Stalwart Dyeing Co Ltd Licence Number: 2671309032 Permit Version: 100 Location: Pendleton Brk@Clitheroe Feeding The Mill Pond, Primrose Wks Authority: Environment Agency, North West Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1000 Yearly Rate (m3): 181840 Details: Land At Primrose Works Clitheroe. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st December 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1327	1	374000 440700
	<b>Water Abstractions</b> Operator: Stalwart Dyeing Co Ltd Licence Number: 2671309032 Permit Version: 100 Location: Pendleton Brk@Clitheroe Feeding The Mill Pond, Primrose Wks Authority: Environment Agency, North West 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Primrose Works Clitheroe. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st December 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1327	1	374000 440700
	<b>Water Abstractions</b> Operator: Stalwart Dyeing Co Ltd Licence Number: 2671309032 Permit Version: 100 Location: Pendleton Brk@Clitheroe Feeding Mill Pond, Primrose Wks Authority: Environment Agency, North West Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Land At Primrose Works Clitheroe. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st December 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1418	1	373900 440600
	<b>Water Abstractions</b> Operator: Stalwart Dyeing Co Ltd Licence Number: 2671309032 Permit Version: 100 Location: Pendleton Brk@Clitheroe Feeding Mill Pond, Primrose Wks Authority: Environment Agency, North West 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Primrose Works Clitheroe. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st December 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	1418	1	373900 440600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Tarmac Limited Licence Number: 2671309038 Permit Version: 103 Location: Bankfield Quarry, Clitheroe, Lancs Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bankfield Quarry, Clitheroe, Lancs Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th February 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SW (NE)	1604	1	375200 443400
	<b>Water Abstractions</b> Operator: Tarmac Central Ltd Licence Number: 2671309038 Permit Version: 102 Location: Bankfield Quarry, Clitheroe, Lancs Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bankfield Quarry, Clitheroe, Lancs Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th October 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SW (NE)	1604	1	375200 443400
	<b>Water Abstractions</b> Operator: Tarmac Heavy Building Materials UK Ltd Licence Number: 2671309038 Permit Version: 101 Location: Bankfield Quarry, Clitheroe, Lancs Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 818 Yearly Rate (m3): 159113 Details: Bankfield Quarry, Clitheroe, Lancs Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th February 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SW (NE)	1604	1	375200 443400
	<b>Water Abstractions</b> Operator: Clitheroe Auction Mart Company Ltd Licence Number: 2671309053 Permit Version: 1 Location: Borehole At Clitheroe Auction Mart, Clitheroe Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: 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 January Authorised End: 31 December Permit Start Date: 5th October 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1701	1	375720 442710
	<b>Groundwater Vulnerability</b> Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 10 Central Lancashire Scale: 1:100,000	A13SE (SE)	0	1	373862 442196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Drift Deposits</b> Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 10 Central Lancashire Scale: 1:100,000	A13SE (SE)	0	1	373862 442196
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13SE (SE)	0	3	373862 442196
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Unproductive Strata	A13SE (SE)	0	3	373862 442196
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	228	1	373707 442543
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (N)	231	1	373735 442561
	<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
68	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Clitheroe, Ribble Valley, Lancashire Name: Atkinsons of Clitheroe Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD07235 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 2300/0181 BGS Ref: Not Supplied Other Ref: K1/03/029	A14NE (E)	550	1	374577 442491
69	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Low Moor, Clitheroe, Lancashire Name: Ashworths Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD07240 First Input Date: 31st December 1945 Last Input Date: 31st December 1945 Specified Waste: Not Supplied Type: EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 2300/0195 BGS Ref: Not Supplied Other Ref: K1/03/045	A12SW (W)	573	1	373063 442168
	<b>Local Authority Landfill Coverage</b> Name: Ribble Valley Borough Council - Had landfill data but passed it to the relevant environment agency		0	2	373862 442196
	<b>Local Authority Landfill Coverage</b> Name: Lancashire County Council - Had landfill data but passed it to the relevant environment agency		0	6	373862 442196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Tournaisian and Visean (Carboniferous Limestone Series)	A13SE (SE)	0	3	373862 442196
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (E)	0	4	374000 442196
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	0	4	373862 442196
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	16	4	373862 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	110	4	374000 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	172	4	373556 442345
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (W)	203	4	373471 442239

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (SE)	295	4	374314 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (SE)	303	4	374244 441919
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (N)	316	4	373960 442706
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (E)	322	4	374339 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (SE)	327	4	374286 441936
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (NW)	328	4	373576 442548

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (N)	336	4	374000 442717
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (N)	345	4	373972 442733
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (N)	370	4	374000 442752
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (NW)	381	4	373585 442638
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SW (N)	405	4	373694 442742
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	421	4	373231 442000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SW (N)	434	4	373686 442771
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SW (N)	456	4	373856 442849
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	456	4	373856 442849
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	466	4	374546 442295
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	501	4	373281 442480
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	512	4	374000 442898

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	517	4	373908 442912
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	520	4	373490 442730
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	522	4	374000 442909
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	568	4	374592 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	571	4	373233 442534
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	583	4	374000 442970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	605	4	373862 443000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	609	4	373636 442942
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	609	4	373976 443000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	613	4	374000 443000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	617	4	374024 443000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	633	4	373715 443000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	634	4	373000 442192
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	638	4	373000 442196
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	642	4	374000 443030
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	645	4	373000 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NW (N)	656	4	373649 443000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	659	4	374165 443000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	664	4	373808 443052
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	670	4	374191 443000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NW (N)	672	4	373610 443000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	700	4	373000 442415
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	701	4	372944 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SW)	713	4	373000 441795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17NE (NW)	717	4	373519 443000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	720	4	373103 442610
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	730	4	372913 442232
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	742	4	374000 443131
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	746	4	374266 441410
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	760	4	373103 442675

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	766	4	374302 443049
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	768	4	374089 443140
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	781	4	372863 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	812	4	374274 443118
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	821	4	373000 442641
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SE (W)	822	4	372821 442000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19NW (NE)	845	4	374294 443144
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A15NW (E)	854	4	374928 442368
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17NE (NW)	860	4	373438 443119
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	862	4	373067 442794
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SW)	877	4	372847 441733
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NE (S)	889	4	374000 441144

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6NE (SW)	893	4	372827 441736
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SW (E)	893	4	374939 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A23SW (N)	897	4	373769 443282
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A15NW (E)	901	4	374972 442393
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SW (NW)	910	4	373000 442786
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A24SW (N)	913	4	374220 443251

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NW (E)	918	4	375000 442227
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SW (E)	918	4	375000 442196
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A15NW (E)	921	4	375000 442324
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A15NW (E)	924	4	375000 442359
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6NE (W)	931	4	372760 441798
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SW (E)	933	4	375000 442082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A15NW (E)	934	4	375000 442422
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NW (E)	942	4	375000 442462
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SW (E)	951	4	375000 442000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A23SE (N)	955	4	374017 443343
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NE (S)	962	4	374000 441070
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A24SW (N)	966	4	374226 443306

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A24SW (N)	984	4	374233 443322
70	<b>BGS Recorded Mineral Sites</b> Site Name: Knuck Knowles Location: Clitheroe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92323 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Clitheroe Limestone Formation And Hodder Mudstone Formation (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18SE (N)	350	3	374011 442728
71	<b>BGS Recorded Mineral Sites</b> Site Name: Brungerley Location: Waddington, Clitheroe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92322 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Clitheroe Limestone Formation And Hodder Mudstone Formation (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18NW (N)	523	3	373819 442911
72	<b>BGS Recorded Mineral Sites</b> Site Name: Brungerley Location: Waddington, Clitheroe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92321 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Clitheroe Limestone Formation And Hodder Mudstone Formation (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18NE (N)	701	3	373935 443095
73	<b>BGS Recorded Mineral Sites</b> Site Name: Cross Hill Location: Clitheroe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92502 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Chatburn Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A24SW (NE)	969	3	374387 443234

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	<b>BGS Recorded Mineral Sites</b> Site Name: Tower Hill Location: Clitheroe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92505 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Clitheroe Limestone Formation (Knoll-Reef) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A15NW (E)	987	3	375051 442441
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	373862 442196
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	373862 442196
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	373862 442196
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	373862 442196
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	373862 442196
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	373862 442196
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	373862 442196
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	373862 442196
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	3	373862 442196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	<b>Contemporary Trade Directory Entries</b> Name: T & J Haulage Location: Swan Meadow, Clitheroe, Lancashire, BB7 2BS Classification: Road Haulage Services <b>Status: Active</b> Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	56	-	373933 442026
76	<b>Contemporary Trade Directory Entries</b> Name: Primrose Dairy Location: Railway View Road, Clitheroe, Lancashire, BB7 2HE Classification: Dairies <b>Status: Active</b> Positional Accuracy: Automatically positioned in the proximity of the address	A14SW (E)	239	-	374298 442147
77	<b>Contemporary Trade Directory Entries</b> Name: Hawthorne Trading Location: 27, Hawthorne Place, Clitheroe, Lancashire, BB7 2HU Classification: Food Colouring, Flavouring & Additive Manufacturers & Distributors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NW (NE)	294	-	374313 442432
78	<b>Contemporary Trade Directory Entries</b> Name: B M Shearer Ltd Location: Railway View Avenue, Clitheroe, Lancashire, BB7 2HA Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (E)	298	-	374319 442058
79	<b>Contemporary Trade Directory Entries</b> Name: Locoste Trading Location: Abbey Works, Back King St, Clitheroe, Lancashire, BB7 2ET Classification: T-Shirts <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A14SW (SE)	315	-	374286 441958
80	<b>Contemporary Trade Directory Entries</b> Name: The Tyremen Location: 28 Parson La, Clitheroe, Lancashire, BB7 2JP Classification: Mot Testing Centres <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	364	-	374202 441804
81	<b>Contemporary Trade Directory Entries</b> Name: Rufus Carr Ltd Location: Bawdlands Garage, Bawdlands, Clitheroe, Lancashire, BB7 2LA Classification: Car Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8NW (S)	390	-	373829 441626
82	<b>Contemporary Trade Directory Entries</b> Name: Jag Communications Location: 33, Castle Street, Clitheroe, Lancashire, BB7 2BT Classification: Mobile Phone Accessories and Car Kits <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	415	-	374333 441852
82	<b>Contemporary Trade Directory Entries</b> Name: Johnson Cleaners (UK) Ltd Location: 40, Castle Street, Clitheroe, Lancashire, BB7 2BX Classification: Dry Cleaners <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	438	-	374373 441865
83	<b>Contemporary Trade Directory Entries</b> Name: David Ellis Location: Thorn St, Clitheroe, Lancashire, BB7 2LJ Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	480	-	373835 441536
84	<b>Contemporary Trade Directory Entries</b> Name: Suppression Devices Location: 8, York Street, Clitheroe, Lancashire, BB7 2DL Classification: Electronic Component Manufacturers & Distributors <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A14SW (E)	490	-	374491 441974
84	<b>Contemporary Trade Directory Entries</b> Name: Central Garage Location: Back York Street, Clitheroe, Lancashire, BB7 2DW Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (E)	528	-	374514 441936

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	<b>Contemporary Trade Directory Entries</b> Name: The Jenny Press Location: Back York Street, Clitheroe, Lancashire, BB7 2DW Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (E)	528	-	374514 441936
85	<b>Contemporary Trade Directory Entries</b> Name: Djp Domestic Appliances Ltd Location: 1-3, The Arcade, King Lane, Clitheroe, Lancashire, BB7 1AA Classification: Washing Machines - Servicing & Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	491	-	374430 441856
85	<b>Contemporary Trade Directory Entries</b> Name: King Lane Garage Location: Unit 1, Wellgate Court, Wellgate, Clitheroe, Lancashire, BB7 2DS Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	494	-	374440 441869
85	<b>Contemporary Trade Directory Entries</b> Name: Clitheroe Dry Cleaners Ltd Location: 23, Wellgate, Clitheroe, Lancashire, BB7 2DP Classification: Dry Cleaners <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SW (SE)	498	-	374465 441905
85	<b>Contemporary Trade Directory Entries</b> Name: M J Cars Sales Location: Wellgate Garage, Wellgate Yard, Wellgate, Clitheroe, Lancashire, BB7 2DP Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	539	-	374482 441851
86	<b>Contemporary Trade Directory Entries</b> Name: Ribble Valley Ironing Service Location: 2, Causeway Croft, Clitheroe, Lancashire, BB7 2BP Classification: Ironing & Home Laundry Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NE (E)	505	-	374587 442249
87	<b>Contemporary Trade Directory Entries</b> Name: Pendle Print Ltd Location: 2, Franklin Street, Clitheroe, Lancashire, BB7 1DQ Classification: Printers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	536	-	373904 441486
87	<b>Contemporary Trade Directory Entries</b> Name: D J P Domestics Location: 2, Franklin Street, Clitheroe, Lancashire, BB7 1DQ Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	536	-	373904 441486
88	<b>Contemporary Trade Directory Entries</b> Name: Lappet Manufacturing Co Location: Mount Vale, Lowergate, Clitheroe, Lancashire, BB7 1AG Classification: Clothing & Fabrics - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	548	-	374369 441698
88	<b>Contemporary Trade Directory Entries</b> Name: R F Parker Location: Lowergate Works, Lowergate, Clitheroe, Lancashire, BB7 1AD Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	563	-	374360 441672
89	<b>Contemporary Trade Directory Entries</b> Name: Affordable Mobility Location: 40-42, York Street, Clitheroe, Lancashire, BB7 2DL Classification: Disability Equipment - Manufacturers & Suppliers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	555	-	374609 442074
89	<b>Contemporary Trade Directory Entries</b> Name: Latest Flames Location: 42, York Street, Clitheroe, Lancashire, BB7 2DL Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	555	-	374609 442074

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	<b>Contemporary Trade Directory Entries</b> Name: W Southworth & Son Location: 40-42, York Street, Clitheroe, Lancashire, BB7 2DL Classification: Cabinet Makers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	562	-	374614 442067
89	<b>Contemporary Trade Directory Entries</b> Name: Perrys Location: Waterloo Road, Clitheroe, Lancashire, BB7 1NS Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	573	-	374621 442053
90	<b>Contemporary Trade Directory Entries</b> Name: Border Blinds Ltd Location: Old Co-operative Building, Henthorn Road, Clitheroe, Lancashire, BB7 2LD Classification: Blinds, Awnings & Canopies <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	570	-	373723 441456
91	<b>Contemporary Trade Directory Entries</b> Name: The Ironing Maids Location: 120, Lowergate, Clitheroe, Lancashire, BB7 1AG Classification: Ironing & Home Laundry Services <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	573	-	374332 441639
91	<b>Contemporary Trade Directory Entries</b> Name: Lightworks Location: 122, Lowergate, CLITHEROE, Lancashire, BB7 1AG Classification: Leaded Lights & Windows <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	576	-	374327 441632
91	<b>Contemporary Trade Directory Entries</b> Name: Best Wishes Location: 37-39, Moor Lane, Clitheroe, Lancashire, BB7 1BE Classification: Greeting Card Publishers & Wholesalers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	584	-	374326 441622
91	<b>Contemporary Trade Directory Entries</b> Name: Folkswaggon Location: 2 Lowergate Works, Lowergate, Clitheroe, Lancashire, BB7 1AD Classification: Car Breakers & Dismantlers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	586	-	374338 441627
92	<b>Contemporary Trade Directory Entries</b> Name: County Motor Group Ltd Location: Unit 5, Albion Court, Waterloo Road, Clitheroe, Lancashire, BB7 1NS Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	574	-	374607 442016
92	<b>Contemporary Trade Directory Entries</b> Name: Clitheroe Exhaust Centre Location: Unit 1, Albion Court, Waterloo Road, Clitheroe, Lancashire, BB7 1NS Classification: Exhaust & Shock Absorber Centres <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	579	-	374600 441991
92	<b>Contemporary Trade Directory Entries</b> Name: Zaustr.Com Location: Unit 3, Albion Ct, Waterloo Rd, Clitheroe, Lancashire, BB7 1NS Classification: Exhaust System Manufacturers & Wholesalers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A14SE (E)	583	-	374608 441998
93	<b>Contemporary Trade Directory Entries</b> Name: Magpie Location: 13, Lowergate, Clitheroe, Lancashire, BB7 1AD Classification: Furniture - Repairing & Restoring <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	580	-	374518 441831
94	<b>Contemporary Trade Directory Entries</b> Name: Tesco Petrol Filling Station Location: Duck Street, Clitheroe, Lancashire, BB7 1LP Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	580	-	374563 441917

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	<b>Contemporary Trade Directory Entries</b> Name: Snow White Location: 46, Eshton Terrace, Clitheroe, Lancashire, BB7 1BQ Classification: Laundries & Launderettes <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	590	-	373999 441451
95	<b>Contemporary Trade Directory Entries</b> Name: Lancashire Bulk Location: 46, Eshton Terrace, Clitheroe, Lancashire, BB7 1BQ Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	590	-	373999 441451
95	<b>Contemporary Trade Directory Entries</b> Name: Silverthorn (Uk) Ltd Location: 46, Eshton Terrace, Clitheroe, Lancashire, BB7 1BQ Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	590	-	373999 441451
96	<b>Contemporary Trade Directory Entries</b> Name: Hargreaves & Coates Ltd Location: Low Moor Top Farm, Edisford Road, Clitheroe, Lancashire, BB7 2LT Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	591	-	373346 441604
97	<b>Contemporary Trade Directory Entries</b> Name: Pimlico Location: 88, Pimlico Road, Clitheroe, Lancashire, BB7 2AH Classification: Coal & Smokeless Fuel Merchants & Distributors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NE (NE)	594	-	374611 442521
98	<b>Contemporary Trade Directory Entries</b> Name: Kwik-Fit Location: Waterloo Rd, Clitheroe, Lancashire, BB7 1NS Classification: Tyre Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	606	-	374644 442023
99	<b>Contemporary Trade Directory Entries</b> Name: Pressed To Impress Location: 28, Seedall Avenue, Clitheroe, Lancashire, BB7 2LR Classification: Ironing & Home Laundry Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SW (SW)	606	-	373538 441483
100	<b>Contemporary Trade Directory Entries</b> Name: Arbory Group Ltd Location: Unit 3 North St, Clitheroe, Lancashire, BB7 1PG Classification: Glass Fibre Manufacturers <b>Status: Active</b> Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	612	-	374689 442167
100	<b>Contemporary Trade Directory Entries</b> Name: Park Garage Location: North Street, Clitheroe, Lancashire, BB7 1PG Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	617	-	374697 442188
101	<b>Contemporary Trade Directory Entries</b> Name: L I P Harrison Location: North Street, Clitheroe, Lancashire, BB7 1PG Classification: Lighting Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	638	-	374719 442205
101	<b>Contemporary Trade Directory Entries</b> Name: Woodfellas Location: The Workshop, 15 Kendal St, Clitheroe, Lancashire, BB7 1PA Classification: Furniture Manufacturers - Home & Office <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	671	-	374753 442222
101	<b>Contemporary Trade Directory Entries</b> Name: Ats Euromaster Ltd Location: Salthill Road, Clitheroe, Lancashire, BB7 1NU Classification: Tyre Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	673	-	374751 442183

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	<b>Contemporary Trade Directory Entries</b> Name: Halls Feed Supplies Location: A, 2, Salthill Road, Clitheroe, Lancashire, BB7 1NU Classification: Pet Foods & Animal Feeds <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A14SE (E)	676	-	374749 442140
101	<b>Contemporary Trade Directory Entries</b> Name: Kendal Street Garage Location: 13 Kendal St, Clitheroe, Lancashire, BB7 1PA Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	679	-	374760 442217
101	<b>Contemporary Trade Directory Entries</b> Name: C S B Motor Services Location: Capernaum, Kendal Street, Clitheroe, Lancashire, BB7 1PA Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NE (E)	692	-	374773 442226
101	<b>Contemporary Trade Directory Entries</b> Name: C.G.W Garage Services Location: The Work Shop, 15, Kendal Street, Clitheroe, Lancashire, BB7 1PA Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A14NE (E)	699	-	374780 442219
101	<b>Contemporary Trade Directory Entries</b> Name: Clitheroe Mot & Service Centre Location: Salthill Rd, Clitheroe, Lancashire, BB7 1NU Classification: Mot Testing Centres <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	702	-	374779 442162
102	<b>Contemporary Trade Directory Entries</b> Name: Vantage Clitheroe Location: Edisford Road, Clitheroe, Lancashire, BB7 2LT Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	645	-	373292 441573
102	<b>Contemporary Trade Directory Entries</b> Name: Vantage Clitheroe Location: Edisford Road, Clitheroe, Lancashire, BB7 2LT Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	645	-	373292 441573
102	<b>Contemporary Trade Directory Entries</b> Name: Perrys Location: Edisford Road, Clitheroe, Lancashire, BB7 2LT Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	645	-	373292 441573
103	<b>Contemporary Trade Directory Entries</b> Name: Careclean Location: Waterloo Mill, Waterloo Road, Clitheroe, Lancashire, BB7 1LR Classification: Cleaning Materials & Equipment <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	646	-	374651 441945
103	<b>Contemporary Trade Directory Entries</b> Name: Alan Richards Location: Waterloo Road, Clitheroe, Lancashire, BB7 1LR Classification: Cleaning Materials & Equipment <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	646	-	374651 441945
103	<b>Contemporary Trade Directory Entries</b> Name: Club Bus Location: River Lea Gdns, Clitheroe, Lancashire, BB7 1QQ Classification: Bus & Coach Operators & Stations <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	686	-	374683 441918
104	<b>Contemporary Trade Directory Entries</b> Name: Clitheroe Cleaning Supplies Location: Apartment 2, The Emporium, Moor Lane, Clitheroe, Lancashire, BB7 1DS Classification: Cleaning Materials & Equipment <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	648	-	374300 441535

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	<b>Contemporary Trade Directory Entries</b> Name: Powerclean Location: Unit 24, Deanfield Court, Link 59 Business Park, CLITHEROE, Lancashire, BB7 1QS Classification: Blast Cleaning <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	651	-	374480 441662
106	<b>Contemporary Trade Directory Entries</b> Name: Diesel Doctor Location: Unit 3, Mitchell St, Clitheroe, Lancashire, BB7 1DF Classification: Diesel Engine Equipment & Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	654	-	373895 441366
107	<b>Contemporary Trade Directory Entries</b> Name: Gary Wilson Location: Woone Lane, Clitheroe, Lancashire, BB7 1BG Classification: Cabinet Makers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	672	-	374230 441479
108	<b>Contemporary Trade Directory Entries</b> Name: Paramount Fasteners Location: 10-11, Kendal Street, Clitheroe, Lancashire, BB7 1PA Classification: Nuts, Bolts & Fixings <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NE (E)	684	-	374766 442231
109	<b>Contemporary Trade Directory Entries</b> Name: Domestpest Location: 27, West View, Clitheroe, Lancashire, BB7 1DG Classification: Pest & Vermin Control <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	687	-	373967 441344
110	<b>Contemporary Trade Directory Entries</b> Name: John Schofield Location: 5, Wilson Street, Clitheroe, Lancashire, BB7 1BH Classification: French Polishing <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	698	-	374029 441348
111	<b>Contemporary Trade Directory Entries</b> Name: Clean & Sparkle Location: 10, Walker Street, Clitheroe, Lancashire, BB7 1NN Classification: Cleaning Services - Domestic <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	700	-	374656 441835
112	<b>Contemporary Trade Directory Entries</b> Name: County Sales Location: Flat 1, Shawbridge Court, Shaw Bridge Street, Clitheroe, Lancashire, BB7 1LY Classification: Packaging Materials Manufacturers & Suppliers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	702	-	374628 441777
113	<b>Contemporary Trade Directory Entries</b> Name: Smallbone Cars Location: Unit 1, Highfield Road, Clitheroe, Lancashire, BB7 1AQ Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NW (SE)	715	-	374442 441543
114	<b>Contemporary Trade Directory Entries</b> Name: Thornber Home & Leisure Ltd Location: Holmes Mill, Greenacre Street, Clitheroe, Lancashire, BB7 1EB Classification: Textile Manufacturing <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	723	-	374128 441359
115	<b>Contemporary Trade Directory Entries</b> Name: The Fire Works Location: Shawbridge Sawmill, Shaw Bridge Street, Clitheroe, Lancashire, BB7 1LY Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9NE (SE)	740	-	374612 441680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	<b>Contemporary Trade Directory Entries</b> Name: Arbex (Gb) Ltd Location: Shawbridge Mill, Unit 2 Shaw Bridge St, Clitheroe, Lancashire, BB7 1LY Classification: Carpets & Rugs - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	740	-	374611 441680
115	<b>Contemporary Trade Directory Entries</b> Name: Planet Contracts Location: 2 Peel St, Clitheroe, Lancashire, BB7 1NH Classification: Carpets & Rugs - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	746	-	374621 441683
116	<b>Contemporary Trade Directory Entries</b> Name: Past & Present Location: 22, Whalley Road, Clitheroe, Lancashire, BB7 1AW Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	752	-	374234 441384
116	<b>Contemporary Trade Directory Entries</b> Name: Jeh'S Stores Location: 26, Whalley Road, Clitheroe, Lancashire, BB7 1AW Classification: Hardware <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	758	-	374232 441376
116	<b>Contemporary Trade Directory Entries</b> Name: Greenacre Garage Location: Greenacre Street, Clitheroe, Lancashire, BB7 1ED Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9SW (S)	765	-	374197 441347
117	<b>Contemporary Trade Directory Entries</b> Name: Brookside Autobodies Location: Unit 2, Brookside Ind Units, Taylor St, Clitheroe, Lancashire, BB7 1NL Classification: Car Body Repairs <b>Status: Active</b> Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	758	-	374745 441882
118	<b>Contemporary Trade Directory Entries</b> Name: Capri Calvert Electrics Ltd Location: 45-47, Whalley Road, Clitheroe, Lancashire, BB7 1EE Classification: Electrical Heating Equipment & Systems <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9SW (S)	840	-	374239 441284
118	<b>Contemporary Trade Directory Entries</b> Name: Easy Wash Location: 68-70, Whalley Road, Clitheroe, Lancashire, BB7 1EE Classification: Ironing & Home Laundry Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9SW (S)	847	-	374200 441256
119	<b>Contemporary Trade Directory Entries</b> Name: B & H Transport Ltd Location: 4, Bleasdale Avenue, Clitheroe, Lancashire, BB7 2PF Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SW (SW)	841	-	373180 441412
120	<b>Contemporary Trade Directory Entries</b> Name: J & M Timber Supplies Ltd Location: Upbrooks Sawmill, Taylor Street, Clitheroe, Lancashire, BB7 1NL Classification: Pallets, Crates & Packing Cases <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A15SW (E)	847	-	374899 442027
121	<b>Contemporary Trade Directory Entries</b> Name: Inside Track Autos Location: Victoria Street Garage, Victoria Street, Clitheroe, Lancashire, BB7 1BL Classification: Tyre Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A3NW (S)	856	-	373761 441162
122	<b>Contemporary Trade Directory Entries</b> Name: M J Hughes Location: Jubilee Mill, Taylor Street, Clitheroe, Lancashire, BB7 1NL Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A15SW (E)	857	-	374875 441925

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: P R Knowles            Location: 22, Fairfield Drive, Clitheroe, Lancashire, BB7 2PE            Classification: Stained Glass Designers &amp; Producers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SW (SW)	874	-	373076 441448
123	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Iron Xpress            Location: 15, Fairfield Drive, Clitheroe, Lancashire, BB7 2PE            Classification: Ironing &amp; Home Laundry Services  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A7SW (SW)	878	-	373101 441422
124	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Castle Stained Glass            Location: 1, Victoria Street, Clitheroe, Lancashire, BB7 1BL            Classification: Stained Glass Designers &amp; Producers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A3NE (S)	903	-	373921 441118
125	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: J Herd &amp; Sons Ltd            Location: 5, Dorset Drive, CLITHEROE, Lancashire, BB7 2BQ            Classification: Pet Foods &amp; Animal Feeds  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	903	-	374854 442718
125	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Michael Hoyle &amp; Co Ltd            Location: 5, Dorset Drive, Clitheroe, Lancashire, BB7 2BQ            Classification: Agricultural Merchants  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	903	-	374854 442718
126	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Sabden Motor Bodies            Location: Unit 2, Brookside Industrial Units, Taylor Street, Clitheroe, Lancashire, BB7 1NL            Classification: Car Body Repairs  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A15SW (E)	926	-	374973 441995
126	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Castle Classic Fireplaces            Location: Upbrooks Mill, Taylor Street, Clitheroe, Lancashire, BB7 1NL            Classification: Fireplaces &amp; Mantelpieces  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A15SW (E)	926	-	374973 441995
126	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Gee-Co (Precast) Ltd            Location: Upbrooks Mill, Taylor Street, Clitheroe, Lancashire, BB7 1NL            Classification: Concrete Products  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A15SW (E)	926	-	374973 441995
126	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M J Hughes Ltd            Location: Unit 2, Brookside Industrial Units, Taylor Street, Clitheroe, Lancashire, BB7 1NL            Classification: Car Body Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A15SW (E)	926	-	374973 441995
126	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Sabden Motor Bodys Ltd            Location: Unit 2, Brookside Industrial Units, Taylor Street, Clitheroe, Lancashire, BB7 1NL            Classification: Car Body Repairs  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A15SW (E)	926	-	374973 441995
126	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: The Paper Cup Co            Location: Unit 3, Brookside Industrial Units, Taylor Street, Clitheroe, Lancashire, BB7 1NL            Classification: Paper &amp; Cardboard Products &amp; Packaging - Manufacturers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A15SW (E)	936	-	374989 442018

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	<b>Contemporary Trade Directory Entries</b> Name: C Whitehead Location: 17, Kemple View, Clitheroe, Lancashire, BB7 2QB Classification: Chemicals & Allied Products <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A3NW (S)	959	-	373644 441075
128	<b>Contemporary Trade Directory Entries</b> Name: Borderblind Ltd Location: 103, Whalley Road, Clitheroe, Lancashire, BB7 1EE Classification: Blinds, Awnings & Canopies <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A3NE (S)	975	-	374159 441100
129	<b>Contemporary Trade Directory Entries</b> Name: Spiroflow Ltd Location: Lincoln Way, Clitheroe, Lancashire, BB7 1QG Classification: Engineers - General <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A15SW (E)	976	-	375033 442030
130	<b>Fuel Station Entries</b> Name: Low Moor Garage Location: Edisford Road, CLITHEROE, Lancashire, BB7 2LT Brand: Obsolete Premises Type: Not Applicable <b>Status: Obsolete</b> Positional Accuracy: Approximate location provided by supplier	A8NW (SW)	299	-	373638 441784
131	<b>Fuel Station Entries</b> Name: Vantage-Network Q Location: Edisford Road, CLITHEROE, Lancashire, BB7 2LT Brand: OBSOLETE Premises Type: Not Applicable <b>Status: Obsolete</b> Positional Accuracy: Approximate location provided by supplier	A7NE (SW)	546	-	373307 441682
132	<b>Fuel Station Entries</b> Name: Mrh Roundabout Location: Chatburn Road, Clitheroe, Lancashire, BB7 2AP Brand: BP Premises Type: Petrol Station <b>Status: Open</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	583	-	374658 442158
133	<b>Fuel Station Entries</b> Name: Greenacre Street Garage Location: Greenacre Street, CLITHEROE, Lancashire, BB7 1ED Brand: OBSOLETE Premises Type: Not Applicable <b>Status: Obsolete</b> Positional Accuracy: Approximate location provided by supplier	A9SW (SE)	712	-	374315 441470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	<b>Local Nature Reserves</b> Name: Cross Hill Quarry Multiple Area: N Area (m2): 96579.19 Source: Natural England Designation Date: 1st January 1989	A19NW (NE)	778	5	374289 443071













Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Hyndburn Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department Pendle Borough Council - Environmental Health Department	August 2011 March 2012 November 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - North West Region	January 2012	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North West Region	April 2012	Quarterly
<b>Integrated Pollution Controls</b> Environment Agency - North West Region	October 2008	Not Applicable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North West Region	January 2012	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Hyndburn Borough Council - Environmental Health Department Pendle Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department	January 2012 June 2011 November 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Controls</b> Hyndburn Borough Council - Environmental Health Department Pendle Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department	January 2012 June 2011 November 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Hyndburn Borough Council - Environmental Health Department Pendle Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department	January 2012 June 2011 November 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Nearest Surface Water Feature</b> Ordnance Survey	December 2011	Quarterly
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - North West Region	January 2000	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - North West Region	April 2012	Monthly
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - North West Region	April 2012	Monthly
<b>Registered Radioactive Substances</b> Environment Agency - North West Region	January 2012	Quarterly
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	January 2011	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	January 2011	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	January 2012 January 2012	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - North West Region	January 2012	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - North West Region	January 2012	Quarterly
<b>Groundwater Vulnerability</b> Environment Agency - Head Office	January 2011	Not Applicable
<b>Drift Deposits</b> Environment Agency - Head Office	January 1999	Not Applicable

Agency & Hydrological	Version	Update Cycle
<b>Bedrock Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	September 2011	Annually
<b>Superficial Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	September 2011	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	December 2011	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2012	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	February 2012	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	February 2012	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	February 2012	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	February 2012	Quarterly
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	January 2012 January 2012	Quarterly Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North West Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	January 2012 January 2012	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	October 2011 October 2011	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Hyndburn Borough Council - Environmental Health Department Lancashire County Council - Waste Management Group Pendle Borough Council - Environmental Health Department Ribble Valley Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Pendle Borough Council - Environmental Health Department Hyndburn Borough Council - Environmental Health Department Lancashire County Council - Waste Management Group Ribble Valley Borough Council - Environmental Health Department	April 2003 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	December 2011	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	December 2011	Bi-Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Ribble Valley Borough Council Hyndburn Borough Council - Planning Pendle Borough Council - Planning Lancashire County Council	June 2011 March 2012 March 2012 October 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> Ribble Valley Borough Council Hyndburn Borough Council - Planning Pendle Borough Council - Planning Lancashire County Council	June 2011 March 2012 March 2012 October 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	January 2010	Variable
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	October 2011	Bi-Annually
<b>Brine Compensation Area</b> Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Mining Report Service	August 2011	As notified
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified

<b>Industrial Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contemporary Trade Directory Entries</b> Thomson Directories	February 2012	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	November 2011	Quarterly
<b>Sensitive Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Areas of Adopted Green Belt</b> Hyndburn Borough Council Pendle Borough Council Ribble Valley Borough Council	May 2011 May 2011 May 2011	As notified As notified As notified
<b>Areas of Unadopted Green Belt</b> Hyndburn Borough Council Pendle Borough Council Ribble Valley Borough Council	May 2011 May 2011 May 2011	As notified As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	February 2012	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	February 2012	Annually
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	February 2012	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	February 2012	Bi-Annually
<b>National Nature Reserves</b> Natural England	February 2012	Bi-Annually
<b>National Parks</b> Natural England	February 2012	Bi-Annually
<b>Nitrate Sensitive Areas</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Annually
<b>Ramsar Sites</b> Natural England	February 2012	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	February 2012	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	February 2012	Bi-Annually
<b>Special Protection Areas</b> Natural England	February 2012	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>
Countryside Council for Wales	 <b>CYNGOR CEFN GWLAD CYMRU</b> <b>COUNTRYSIDE COUNCIL FOR WALES</b>
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	<b>Ribble Valley Borough Council - Environmental Health Department</b> Council Offices, Church Walk, Clitheroe, Lancashire, BB7 2RA	Telephone: 01200 425111 Fax: 01200 26339 Website: www.ribblevalley.gov.uk
3	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	<b>Landmark Information Group Limited</b> 5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Telephone: 01392 441761 Fax: 01392 441709 Email: cssupport@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
5	<b>Natural England</b> Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	<b>Lancashire County Council - Waste Management Group</b> Environment Directorate, Guild House, Cross Street, Preston, Lancashire, PR1 8RD	Website: www.lancashire.gov.uk
-	<b>Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	<b>Landmark Information Group Limited</b> The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

## APPENDIX D

### (i) Conceptual Model

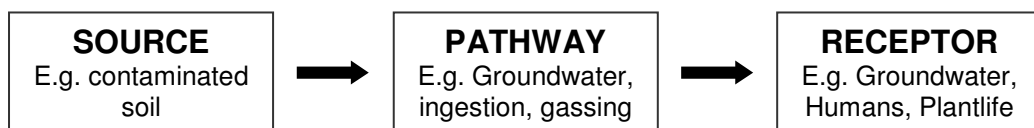
The report aims to identify land which could potentially be affected by contamination, such that it could affect the value or re-use of the land, or such that mitigation would be required for certain proposed end uses of the land.

The assessment also aims to identify land which would be regarded as 'contaminated land' under the terms of the Environmental Protection Act 1990, Part IIa. This act includes a stricter test for contaminated land than that outlined above. Land is considered to be contaminated if either: the land is causing significant harm to people, ecosystems or infrastructure; or there is a significant possibility that such harm could be caused; or pollution of controlled waters is being, or is likely to be, caused.

The following situations are defined as being where harm is to be regarded as significant: chronic or quite toxic effect, serious injury or death to humans; irreversible or other adverse harm to the ecological system; substantial damage to or failure of buildings; death of, or disease or other physical damage affecting, livestock or crops; pollution of controlled waters.

The risk assessment uses a 'Source-Pathway-Receptor' methodology for assessing whether a source of contamination could potentially lead to harmful consequences. This means that there needs to be a pollutant linkage from source to receptor for harm to be caused, this linkage consisting of: a source of pollution; a pathway for the pollutant to move along; a receptor that is affected by the pollutant.

As an example, the pollutant source could be an identified leak of oil or an area of dumped waste.



The pathways could include transport of the contaminant by groundwater, surface water, windblown dust, or vapours, and for human receptors will include the means by which contaminants enter the body, for example skin contact, ingestion and inhalation.

Receptors include people, other living organisms, the built environment and groundwater and surface waters (these latter two also being contaminant pathways).

The source-pathway-receptor methodology relationship allows an assessment of the environmental risk to be determined, based on the nature of the source, the degree of exposure of the receptor to the source and the sensitivity of the receptor.

This section of the report is based on the information set out in the previous sections of the report and should not be read independently of such sections.

## Initial Conceptual Model

From the available information the preliminary conceptual model is visualised as follows:

Target (Receptor)	POTENTIAL SOURCE-PATHWAY LINKAGE
<b>Site users / residents</b>	Inhalation of soil gas, odours or dust.
	Ingestion of, and skin contact with, contaminated soil.
	Ingestion of contaminants in vegetables etc. or in soils adhering to vegetables, etc.
<b>Construction/ maintenance workers.</b>	Inhalation of soil gas, odours or dust
	Ingestion of, and skin contact with, contaminated soil
<b>Plants</b>	Adverse effects on growth caused by presence of contaminants in soil
<b>Buildings and Structures</b>	Flow of ground gas into buildings. Asphyxiation, toxicity, explosion and fire hazards
	Sulphate attack of foundations
	Hydrocarbons penetrating plastic water supply pipes
<b>Groundwater</b>	Migration of soluble contaminants into groundwater on or off site. Migration of oils into groundwater on or off site.
<b>Surface water</b>	Migration of soluble contaminants and/or direct run-off of contaminants. Migration of oils into groundwater on or off site.

## Initial Environmental Risk Assessment

### General

It is accepted that an environmental risk assessment can be based on a source-pathway-target model. An examination is carried out as to whether a target will be at risk from a contamination source, that a source exists, and whether there are any pathways (routes of exposure) which might actually link the source to the target.

Environmental risk assessments rely heavily on numerical trigger concentrations or guidelines because exposure of targets to contamination is difficult to quantify directly. Quantification of risk is therefore mainly undertaken for general scenarios in order to derive trigger levels. These are derived for various contaminants for particular targets and routes of exposure. An example of a sensitive target would be users of a domestic back garden, where routes of exposure might be skin contact, dust inhalation, direct ingestion and indirect ingestion via cultivation and consumption of fruit and vegetables.

In March 2002, the first parts of the new CLEA risk assessment guidance were released by DEFRA/Environment Agency.

The risk assessment approach is an extension of the 'fit for use' concept whereby land is cleaned up to a standard fit for the proposed use, that is, so all remaining risks are acceptable. However, as well as being 'fit for use', the environmental risk assessment approach also addresses the soil and water environment so that these are also safeguarded where necessary. For example if a site was contaminated with heavy metals and the development comprised the proposed construction of hard standings and buildings only, the fit-for-use approach might require no remediation for the site. However, consideration of the wider

environment needs to address whether groundwater is being contaminated, and if so whether remediation is required for this reason.

The following classification presented by CIRIA has been used in the assessment of risk:

<b>Estimation of risk from consideration of magnitude, consequences and probabilities</b>				
<b>Probability</b>	<b>Consequences</b>			
	<b>Severe</b>	<b>Moderate</b>	<b>Mild</b>	<b>Minor</b>
<b>High</b>	Very high	High	Moderate	Moderate / Low
<b>Medium</b>	High	Moderate	Moderate / Low	Low
<b>Low</b>	Moderate	Moderate / Low	Low	Very Low
<b>Unlikely</b>	Moderate / Low	Low	Very Low	Very Low

Reference: Contaminated Land Risk Management; A Guide to Good Practice, CIRIA C552:2001

## APPENDIX E

### (i) Notes on Limitations

The desk study report includes examination and provision of historical maps and an environmental database search covering geology, hydrogeology, historical, land use, water abstractions, groundwater source protection zones, landfill sites, radon, trade directory entries, petrol filling stations and nature reserves for the site and surrounding area. A Coal Authority Report has been obtained as part of the investigation.

This report does not consider ecological impacts (e.g. bats) or botanical risks (e.g. Japanese knotweed). It is recommended that these are considered as part of the assessment of development constraints for the site.

The assessment and judgements given in this report are directed by both the finite data on which they are based and the proposed works to which they are addressed. The data essentially comprised a study of available documented information from various sources together with discussions with relevant authorities and other interested parties. There may also be circumstances at the site that are not documented. The information reviewed is not exhaustive and has been accepted in good faith as providing representative and true data pertaining to site conditions. If additional information becomes available which might impact our environmental conclusions, we request the opportunity to review the information, reassess the potential concerns and modify our opinion if warranted.

It should be noted that any risks identified in this report are perceived risks based on the available information. Actual risks can only be assessed following a physical investigation of the site.

This report was prepared by Betts Geo Environmental Ltd for the sole and exclusive use of The Huntroyde Estate & Clitheroe Auction Mart Co. Ltd and Mr John Taylor, Ms Sarah Howard and Ms Samantha Howard in response to particular instructions. Any other parties using the information contained in this report do so at their own risk and any duty of care to those parties is excluded.

This document has been prepared for the titled project only and should any third party wish to use or rely upon the contents of the report, written approval from Betts Geo Environmental Ltd must be sought.

Betts Geo Environmental Ltd accepts no responsibility or liability for the consequences of this document being used for the purpose other than that for which it was commissioned and for this document to any other party other than the person by whom it was commissioned.