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The Huntroyde Estate

**Phase 1 - Desk Study
Report**

For

**Waddow View, Milton Avenue,
Clitheroe**

August 2011

REPORT NO: 11CHE037/DS

- *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: 11CHE037/DS

Client: The Huntroyde Estate

Contract: Waddow View, Milton Avenue, Clitheroe

Document: Phase 1 Desk Study Report

Prepared by: B Bryant

Checked by: M Fawcett

Approved by: M Fawcett

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REVISION RECORD

Revision	Date	Description	Prepared by
0	August 2011	FINAL	BB
1	October 2011	Amendment to client name and site address	BB
2	October 2011	Revised master plan	MJF

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1 EXECUTIVE SUMMARY

Action

- 1.1 Site Location:** The site is located at Waddow View, Milton Avenue, Clitheroe, BB7 2EG (coordinates 374090, 442170); the proposed site area approximately 1.2 hectares in total

1.2 Site Description:

On site: The site is accessed via Milton Avenue which runs along the northern site boundary. Site is currently an open grassed field with a public footpath along the northern site border. The site is generally square, levels slope gently from northwest to southeast.

Off-site existing mature trees line the eastern site border, and hedgerows line the northern, southern and western borders.

Historic maps suggest a historic culvert that flows along the eastern boundary, then the southern boundary before heading offsite in a northwest direction. Topographically the levels fall to the south of site however there was no evidence of a stream above surface and no manholes were encountered other than the culvert issue offsite.

Surrounding Area: There is an existing derelict building immediately beyond the northwest corner of site. Surrounding area is predominantly residential to the north and south, fields to the west and a public car park to the east. A small stream was noted approximately 40m southwest of the site emerging from a culvert and running north-northeast. A railway line is shown 100m south of site.

- 1.3 Proposed Development:** The development comprises the proposed construction of residential dwellings with associated gardens and infrastructure

1.4 Site History

On site:

- Site is shown as undeveloped on all available maps
- A footpath is shown along the northern site border from the map of 1912
- Possible stream shown running from the southeast corner of site, following the southern site boundary on the map of 1912. The map of 1964 shows a possible culverted stream running along the eastern site border before following the southern site border. This stream is showed on maps until the map of 1993.

Surrounding Area:

- Gas works shown immediately south of site from the map of 1886-1932, the site was then used as a gas holder site/corporation works/bobbin and shuttle works to the map of 1964-1965, the bobbin and shuttle works was then an agricultural works to the map of 1993, then the whole area was redeveloped into apartments and housing from 1993 to the most current map
- A reservoir was shown immediately beyond the southwest corner of site (part of the gas works) from the map of 1912-1964
- There is a branch of the railway going to the former gas works shown from the map of 1912-1970
- Railway shown 100m east of site from the first map available (1847)
- Burial ground (adjacent to mortuary chapel) 120m and 250m northwest of site from the map of 1886 and on all subsequent maps

*Ground
Investigation
Required*

- 1.5 Geology:** Published geology indicates Till over Clitheroe Limestone Formation and Hodder Mudstone Formation (undifferentiated) - (Mudstone and Limestone)

1.6 Hydrogeology and Hydrology:

- The Till beneath site is classed as unproductive strata (negligibly permeable)
- The Limestone on site is classed as a Secondary A Aquifer (moderate permeability).
- The site does not lie within a groundwater source protection zone outlined by the Environment Agency.
- The site does not lie within a flood risk area as defined by the Environment Agency.
- Nearest surface water feature is a stream 40m southwest of site
- There are no groundwater abstraction licenses within 900m of the site.

1.7 Radon Protection: 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

1.8 Contamination Risk: Former gas works and railway in the vicinity of site- recent redevelopment and anticipated low mobility soils suggest the risk is lessened.

1.9 Qualitative Risk Assessment: In this qualitative risk assessment, a Low-Low/Moderate risk implies that some remedial action is likely to be necessary at the site, although until a contamination ground investigation is carried out this cannot be confirmed

1.10 Proposed Ground Investigation: Proposed Ground Investigation comprises:

- Trial pitting
- Soil Sampling

1.11 Geotechnical Risk:

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

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2 SITE DESCRIPTION

2.1 Introduction

This investigation was carried out on the instruction of on behalf of The Huntroyde Estate. 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.



Masterplan Drawing by MCK Associates Ltd dated February 2010 reference: 11-021-1001

2.2 Site Location

The site is located at off Milton Avenue, Clitheroe, BB7 2EG (coordinates 374090, 442170); the proposed site area is approximately 1.2 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 12th August 2011. Photographs can be found in Appendix A.

The site is accessed via Milton Avenue which runs along the northern site boundary. Site is currently an open grassed field with a public footpath along the northern site border. The site is generally square, levels slope gently from northwest to southeast.

Historic maps (see section 3) suggest a historic culvert that flows along the eastern boundary, then the southern boundary before heading offsite in a northwest direction. Topographically the levels fall to the south of site; however, there was no evidence of a stream above surface and no manholes were encountered other than the culvert issue offsite as per section 2.3.2 below.

2.3.2 Surrounding Area

There is an existing derelict building immediately beyond the northwest corner of site. Surrounding area is predominantly residential to the north and south, fields to the west and a public car park to the east.

Existing mature trees line the eastern site border, and hedgerows line the northern, southern and western borders.

A small stream was noted approximately 40m southwest of the site emerging from a culvert and running north-northeast. A railway line is shown 100m south of site.

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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

- Site is shown as undeveloped on all available maps
- A footpath is shown along the northern site border from the map of 1912
- Possible stream shown running from the southeast corner of site, following the southern site boundary on the map of 1912. The map of 1964 shows a possible culverted stream running along the eastern site border before following the southern site border. This stream is shown on maps until the map of 1993.

3.2 Surrounding Area

- Gas works shown immediately south of site from the map of 1886-1932, the site was then used as a gas holder site/corporation works/bobbin and shuttle works to the map of 1964-1965, the bobbin and shuttle works was then an agricultural works to the map of 1993, then the whole area was redeveloped into apartments and housing from 1993 to the most current map
- A reservoir was shown immediately beyond the southwest corner of site (part of the gas works) from the map of 1912-1964
- There is a branch of the railway going to the former gas works shown from the map of 1912-1970
- Railway shown 100m east of site from the first map available (1847)
- Burial ground (adjacent to mortuary chapel) 120m and 250m northwest of site from the map of 1886 and on all subsequent maps

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 GeoInsight and EnviroInsight reports by Groundsure located in Appendix C.

4.1 Geology

The documented geology of the site is summarised on British Geological Survey map principally:

Drift	Solid
Till (Devansian- silty sandy Clay)	Clitheroe Limestone Formation and Hodder Mudstone Formation (undifferentiated)- (Mudstone and Limestone)

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 GeoInsight report in Appendix C.

Type of Mining	Comment	Distance from site
Coal Mining	No	-
Non-coal mining	Yes	>500m from site (opencast limestone)

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4.3 Hydrogeology

- The Till beneath site is classed as unproductive strata (negligibly permeable)
- The Limestone on site is classed as a Secondary A Aquifer (moderate permeability).
- The site does not lie within a groundwater source protection zone outlined by the Environment Agency.

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 40m southwest of site
- There are no groundwater abstraction licenses within 900m of the site.

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. 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 3 recorded pollution incidents to controlled waters <250m from site as detailed below:

Distance/Direction from site	Incident details	Receiving water	Severity
112m W	08.09.93- Pollutant: Oils	Cemetery Beck	Category 3: Minor Incident
113m W	28.09.93- Pollutant: Oils	Cemetery Beck	Category 3: Minor Incident
244m NE	28.01.93- Industrial Effluent	Pimlico Brook	Cat. 2: Significant Incident

4.7 Landfill and Other Waste Sites

None recorded <500m from site

4.8 Summary of Environmental Sensitivity

The following section is a review of the environmentally 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	Distance/Direction	Details	Significant Risk Yes/no
Gas Works	0m 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 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.	Yes
Reservoir	0m SE	The reservoir was infilled >50 years ago, infilled 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.	No
Burial Ground	120/250m NW	The burial ground 120m 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.	No
Former Railway	100m E	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.	Yes

5 INITIAL CONTAMINATION CONCEPTUAL MODEL

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

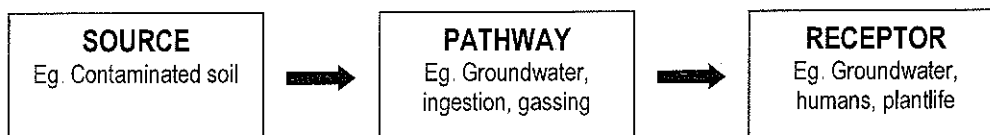
This section of the report aims to identify land which could potentially be affected by contamination, such that it could affect the value or re-use of the land, or such that mitigation would be required for certain proposed end uses of the land

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.



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Type of Contamination	Potential sources	Potential Pathway	Potential Receptors	Pollution linkage	Comment	Estimated level of risk
Ground Gas	Former gas works off site	Inhalation of Vapours	Construction/ maintenance workers	Potentially Active	Given the anticipated cohesive nature of the soils beneath site, the risk of ground gas is deemed low, however should organic material be encountered, a ground gas investigation will be required to confirm	Low
		Vapours penetrating unprotected buildings	Future site users	Potentially Active	Given the anticipated cohesive nature of the soils beneath site, the risk of ground gas is deemed low, however should organic material be encountered, a ground gas investigation will be required to confirm	Low
Near surface Contaminants within soils	Former gas works offsite Former railway offsite	Ingestion, inhalation dermal contact	Current site users	Potentially Active	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	Low-Moderate
			Construction workers	Potentially Active	Potential contamination risk however PPE significantly reduces this	Low
			Future site users	Potentially Active	No significant contamination anticipated however a ground investigation is required to confirm	Moderate
			Adjacent land users	Potentially Active	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	Low
		Direct contact	Structures	Potentially Active	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	Low
		Absorption in root zone	Plants	Potentially Active	Plants could be affected by phytotoxic determinands Ground investigation should be undertaken to confirm this where residential gardens are proposed	Moderate
Mobile Contaminants, leachables e.g from pollution sources adjacent to site	Former gas works offsite	Leaching into groundwater	Groundwater	Potentially Active	No significant sources on site Cohesive stata anticipated suggests low mobility of determinands from offsite sources	Low
	Former railway offsite	Off site migration in groundwater	Abstractions	Potentially Active	No current water abstraction <500m from site	Low
			Controlled waters	Potentially Active	No significant sources on site, possible culverted ditch between source and receptor flowing away from site suggesting lack of pathway	Low
Organic and Inorganic contaminants within soils/ groundwater	Former gas works offsite Former railway offsite	Potable water supply pipes	Utilities workers	Potentially Active	Some organic materials are may to penetrate plastic pipes, protectaline is anticipated to reduce the potential risk	Low

5.2 Summary

In this qualitative risk assessment, a **Low-Moderate** risk implies that 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

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.

- Trial pitting using a JCB 3CX or equivalent
- 15 No soil samples taken for chemical analysis to benchmark contamination levels across the site targeted to residential gardens (based on a 25m 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.
- 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, PCBs 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

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

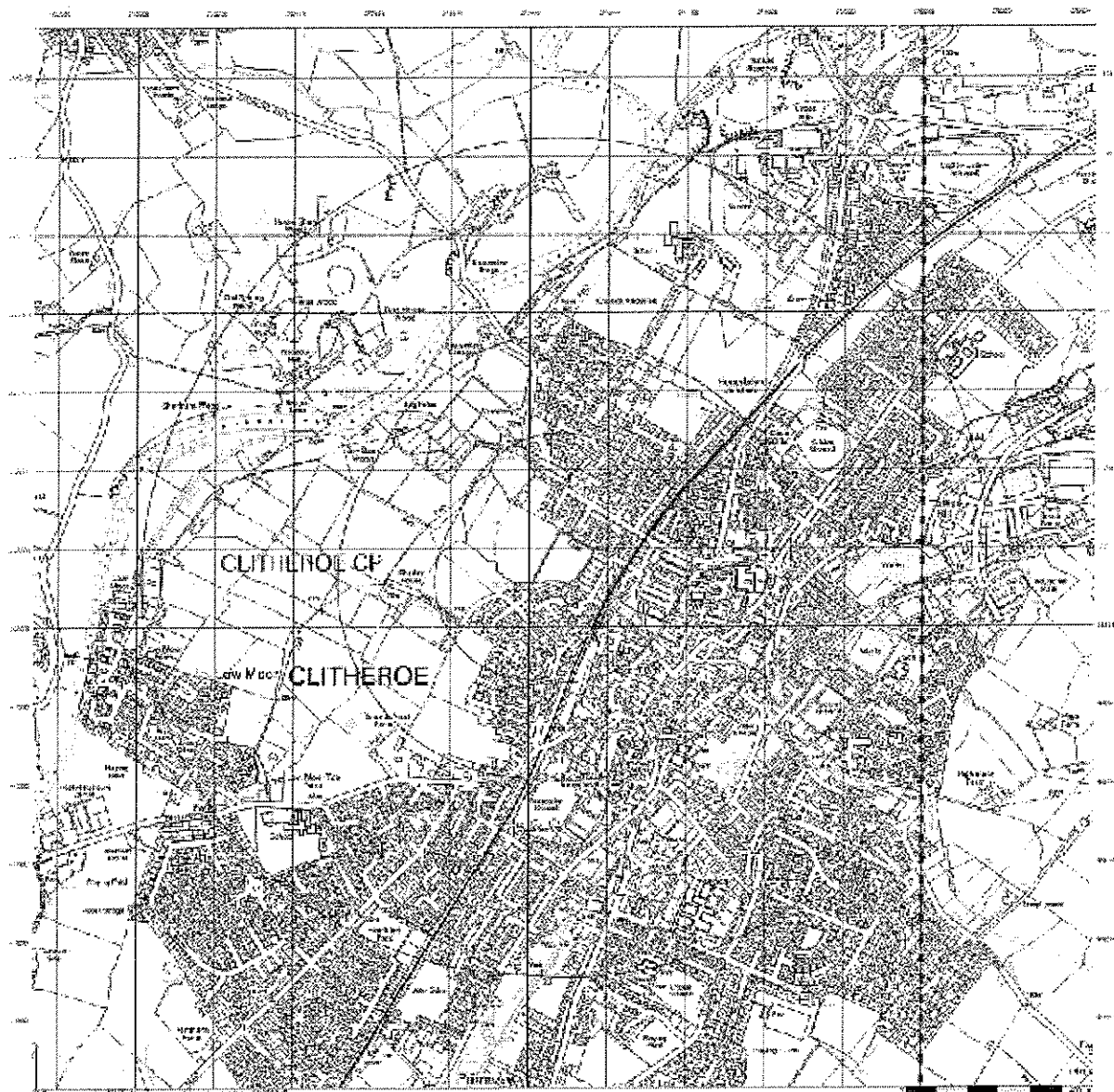
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7 REFERENCES

- 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*
- 7.21 *'Report of Ground Conditions' by Roger Hetherington & Associates dated November 2005 Ref. L1429*

APPENDIX A

(i) Site Location Plan



Site Location Plan

11CHE037/DS

Waddow View, Milton Avenue, Clitheroe,
BL6 4DG

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ii) Site Photographs



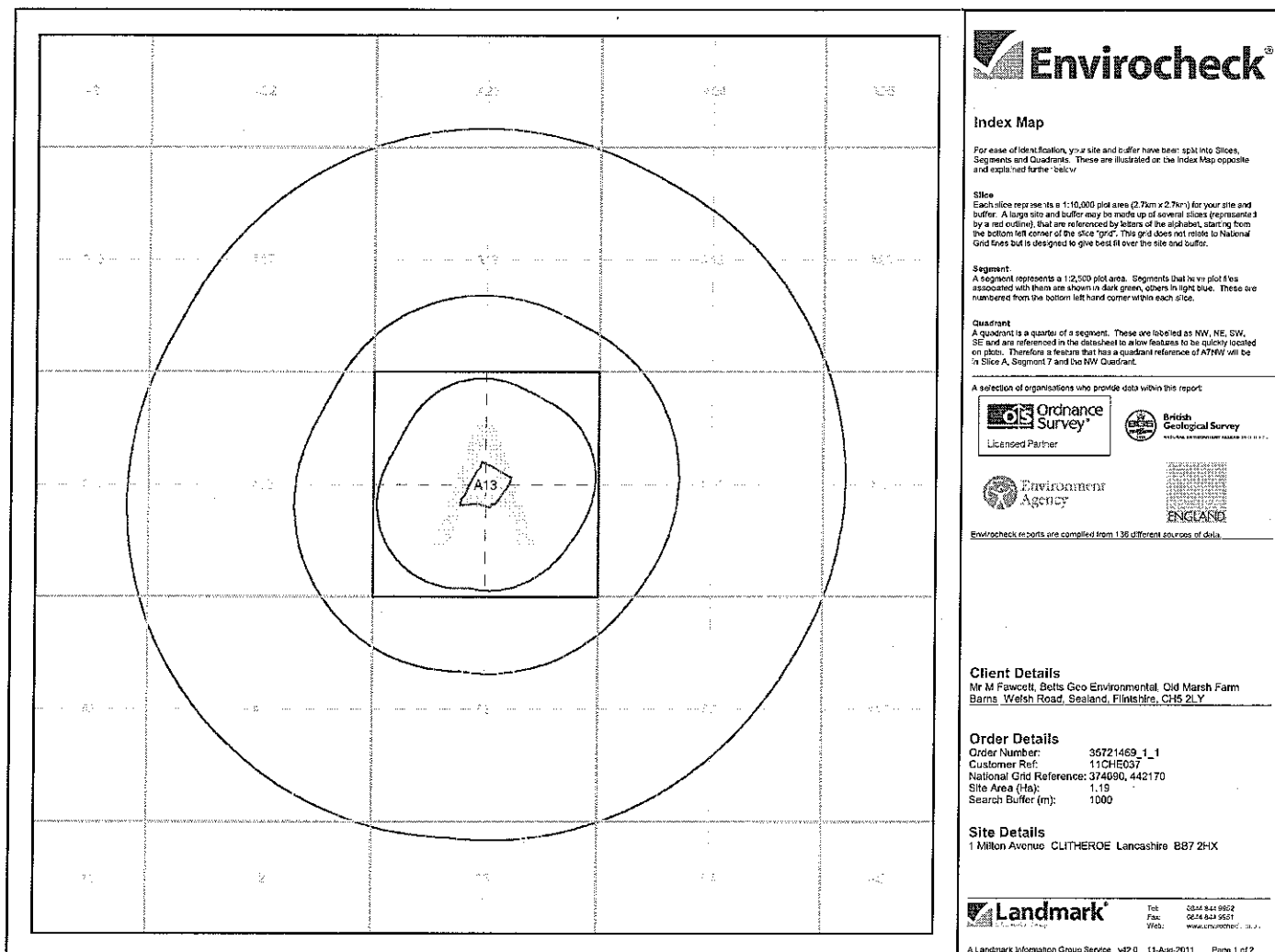


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Culvert issues- off site



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Order Number: 35721469

A Landmark Information Group Service

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APPENDIX B

(i) Historical Mapping

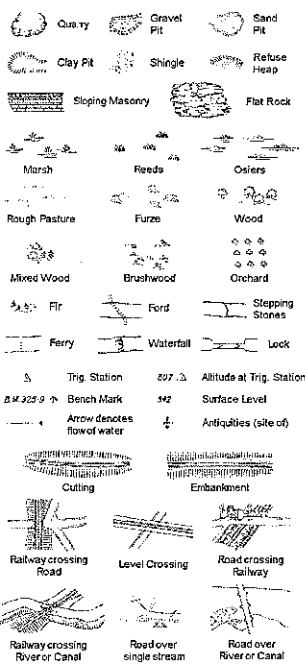
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APPENDIX C

- (i) GeolInsight Report
- (ii) EnviroInsight Report

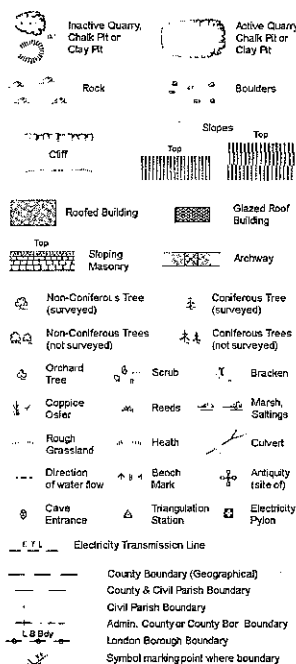
Historical Mapping Legends

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



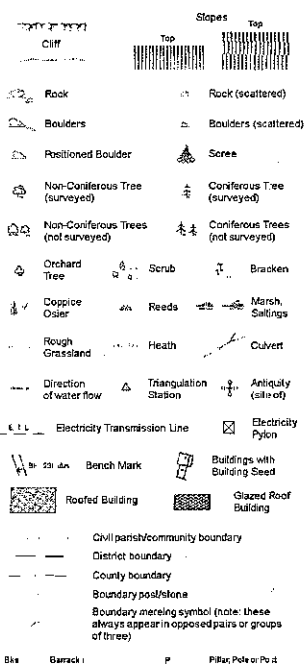
-----	County Boundary (Geographical)				
-----	County & Civil Parish Boundary				
-----	Administrative County & Civil Parish Boundary				
-----	County Borough Boundary (England)				
Co. Boro. Bdy.	County Borough Boundary (Scotland)				
Co. Borough Bdy.					
B.P. B.P.	Boundary Point Station	P.C.B.	Police Call Box		
B.R.	Bridge Road	P.	Pump		
E.P.	Electricity Pole	S.P.	Signal Post		
F.B.	Foot Bridge	S.	Statue		
F.P.	Foot Path	Sr.	Spring		
G.P.	Guide Post - Board	T.D.B.	Telephone Call Box		
M.S.	Mile Stone	T.	Trough		
M.P. M.R.	Mooring Post & Ring	W.	Wall		

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



B.H. Beer House	P. Pillar, Pole or Post	GP. GP. Boundary Point or Station	PO. Post Office	Ch.C. Chaplain, Clergy	PC. Public Convenience	Chy. Chimney	PH. Public House	D.F. Drinking Fountain	P. Pump	ELP. Electricity Pole or Post	SB, S.B. Signal Box or Bridge	FAP. Foot Abutment	SP, SL. Signal Post or Light	FB. Foot Bridge	Sr. Spring	H. Hydrant or Hydraulic	TCS. Telephone Call Box	LC. Level Crossing	TCP. Telephone Call Post	MH. Manhole	T. Trough	MP. Mile Post or Mile Stone	W.P.L.W.T. Water Point, Water Tap	MS. Mile Stone	W. Wall	NTL. Normal Tidal Limit	W.P. Wind Pump
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Large-Scale National Grid Data 1:2 500 and 1:1 250



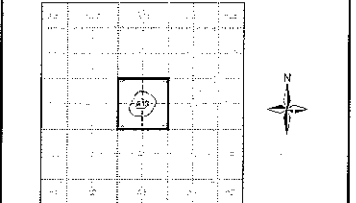
Bk. Barrack	P. Pillar, Pole or Post	Bly. Battery	PO. Post Office	Chy. Chimney	PC. Public Convenience	Chy. Chimney	PH. Public House	D.F. Drinking Fountain	P. Pump	ELP. Electricity Pole or Post	SB, S.B. Signal Box or Bridge	FAP. Foot Abutment	SP, SL. Signal Post or Light	FB. Foot Bridge	Sr. Spring	H. Hydrant or Hydraulic	TCS. Telephone Call Box	LC. Level Crossing	TCP. Telephone Call Post	MH. Manhole	T. Trough	MP. Mile Post or Mile Stone	W.P.L.W.T. Water Point, Water Tap	MS. Mile Stone	W. Wall	NTL. Normal Tidal Limit	W.P. Wind Pump
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Envirocheck®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Page
Yorkshire	1:2,500	1888	2
Lancashire And Furness	1:2,500	1888	3
Yorkshire	1:2,500	1903	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 - 1988	9
Additional SIMs	1:2,500	1989	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	1996 - 1997	15
Large-Scale National Grid Data	1:2,500	1995 - 1997	16
Large-Scale National Grid Data	1:2,500	1998	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: 35721469_1_1
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National Grid Reference: 3740950, 442170
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Site Area (Ha): 1.19
Search Buffer (m): 100

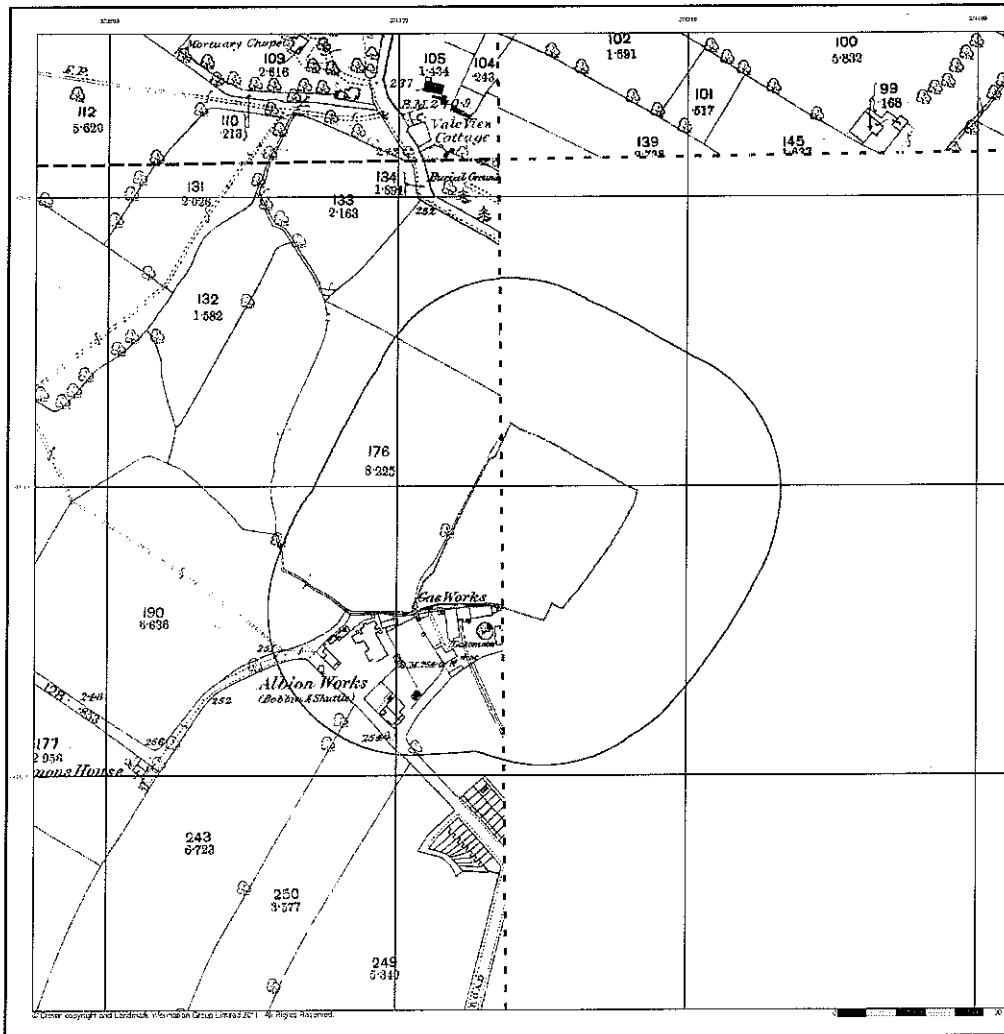
Site Details

1 Milton Avenue CLITHEROE Lancashire B87 2HX

Landmark®

A Landmark Information Group Service v42.0 11-Aug-2011 Page 1 of 19

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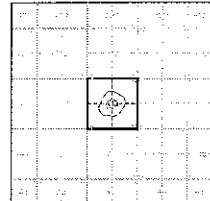
Yorkshire
Published 1886
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1859 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published data given below is often some years later than the surveyed date. Before 1898, 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, 16 1886 1:2,500	132, 17 1886 1:2,500
182, 14 1886 1:2,500	

Historical Map - Segment A13

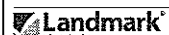


Order Details

Order Number: 35721469_1.1
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Site Area (Ha): 1.19
Search Buffer (m): 100

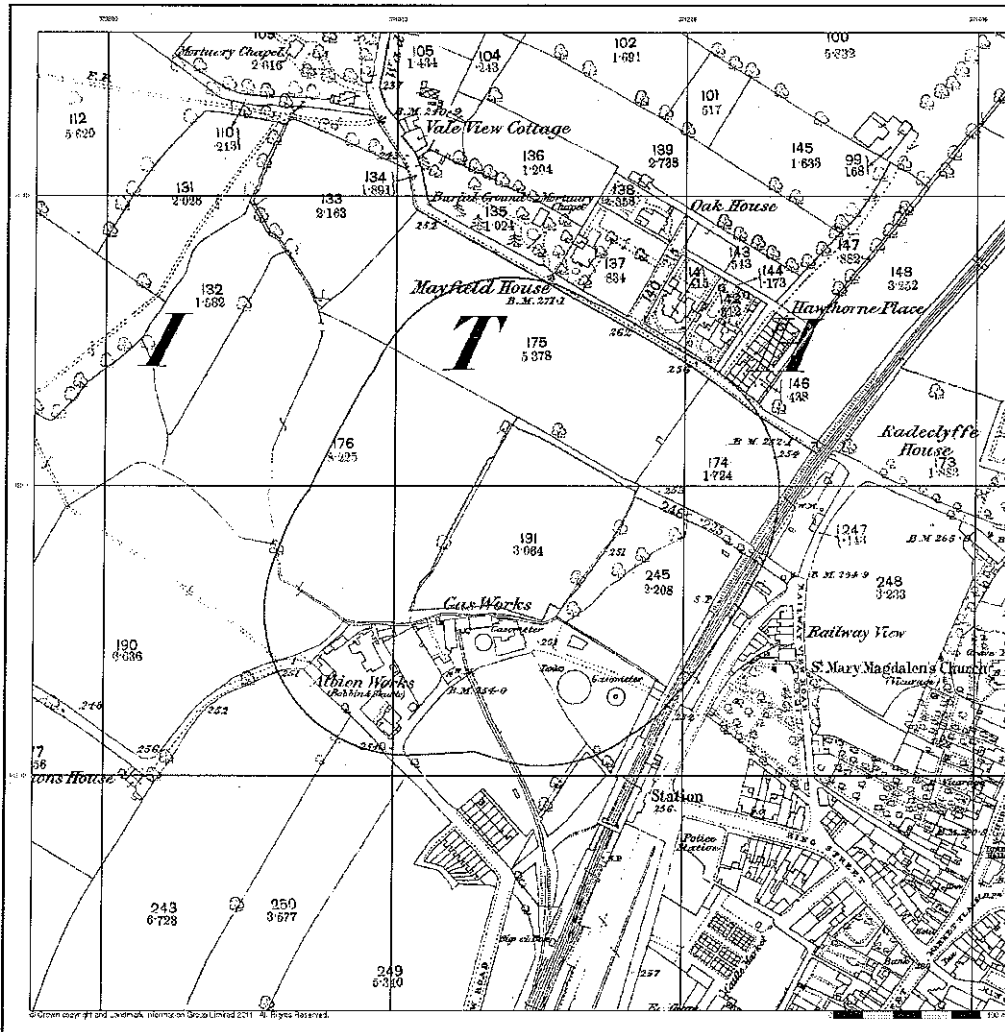
Site Details

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320120861P

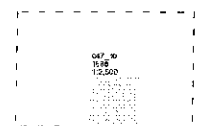


Lancashire And Furness
Published 1886

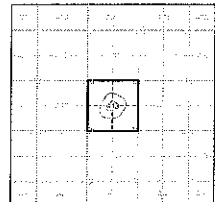
Source map scale - 1:2 500

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 1886 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 1933, all OS maps were based on the Cassini projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

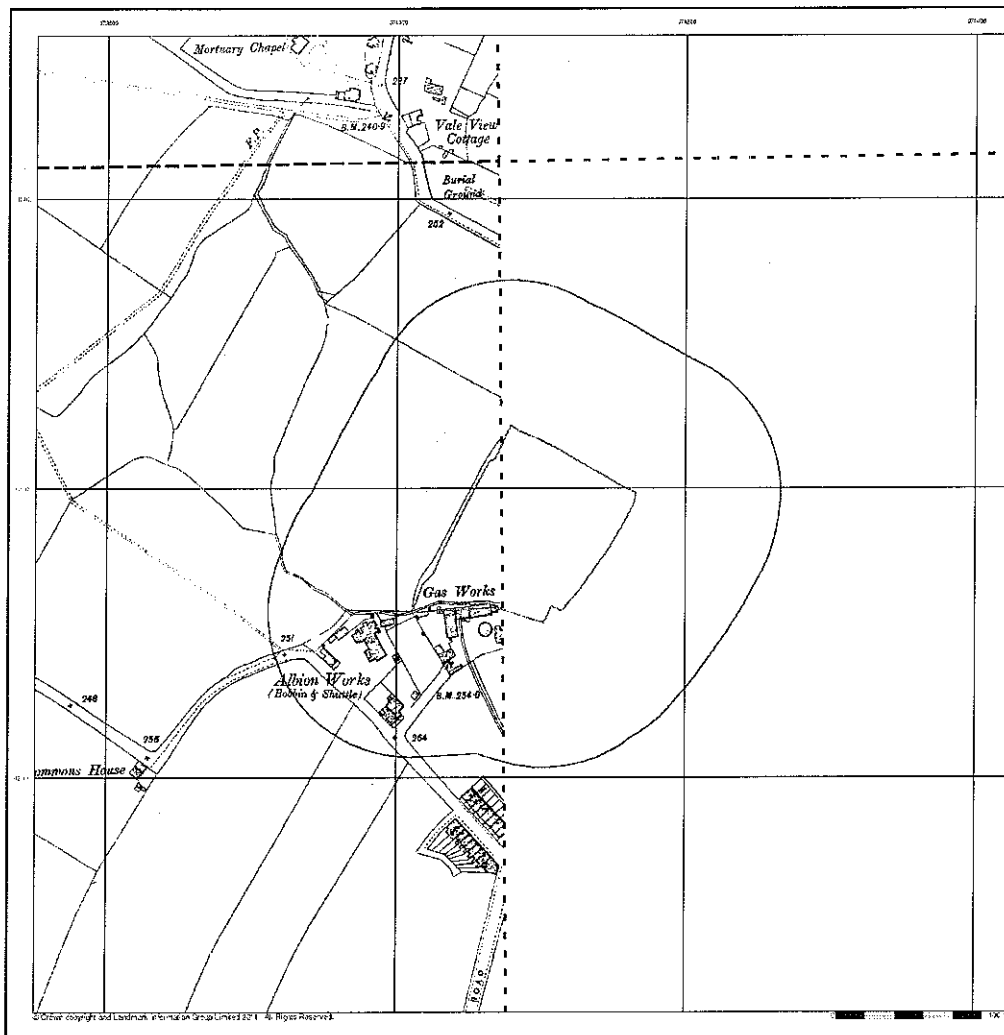
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Customer Ref: 11CHE037
National Grid Reference: 374050, 442170
Site: A
Site Area (Ha): 1.19
Search Buffer (m): 100

Site Details

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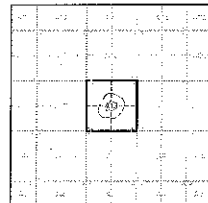
Yorkshire
Published 1908
Source map scale - 1:2,500

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 1889 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published data given below is often some years later than the surveyed data. 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

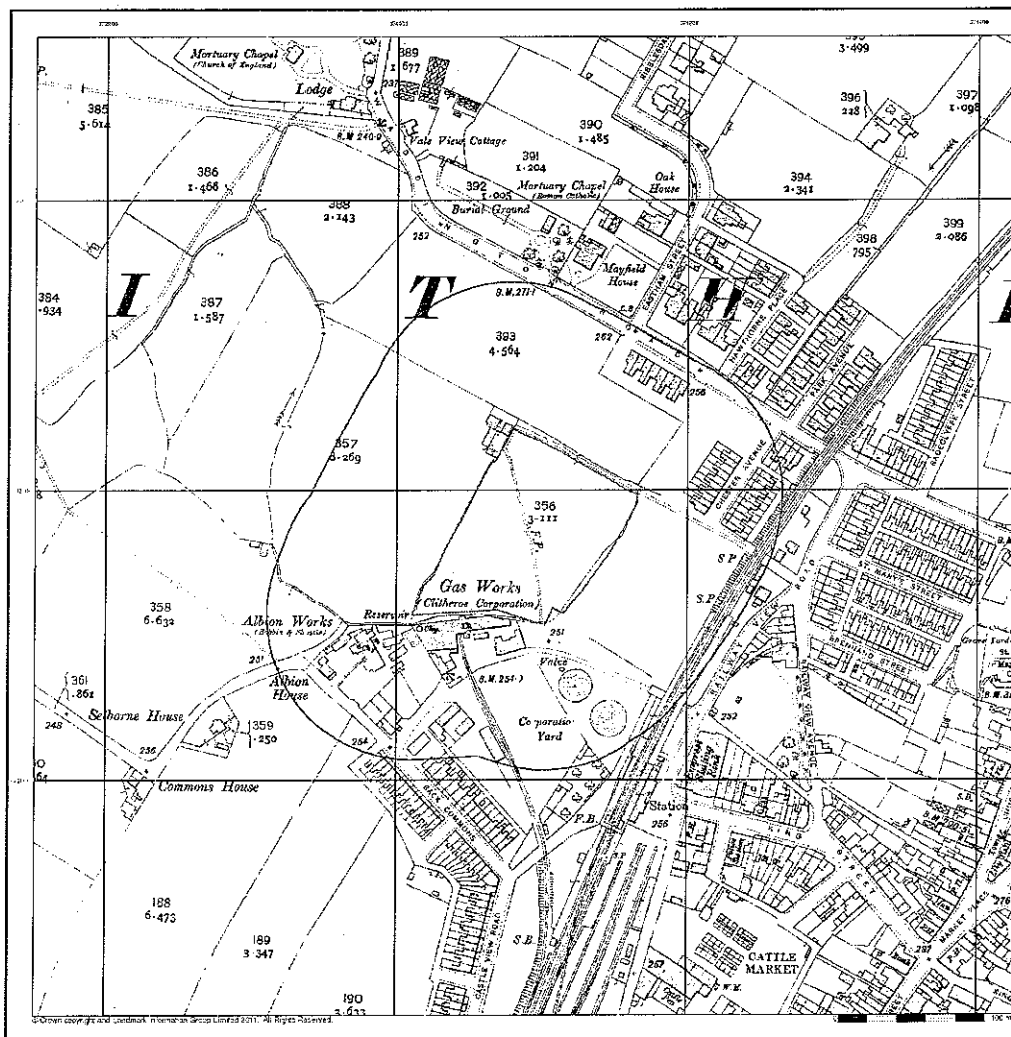
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 Search Buffer (m): 100

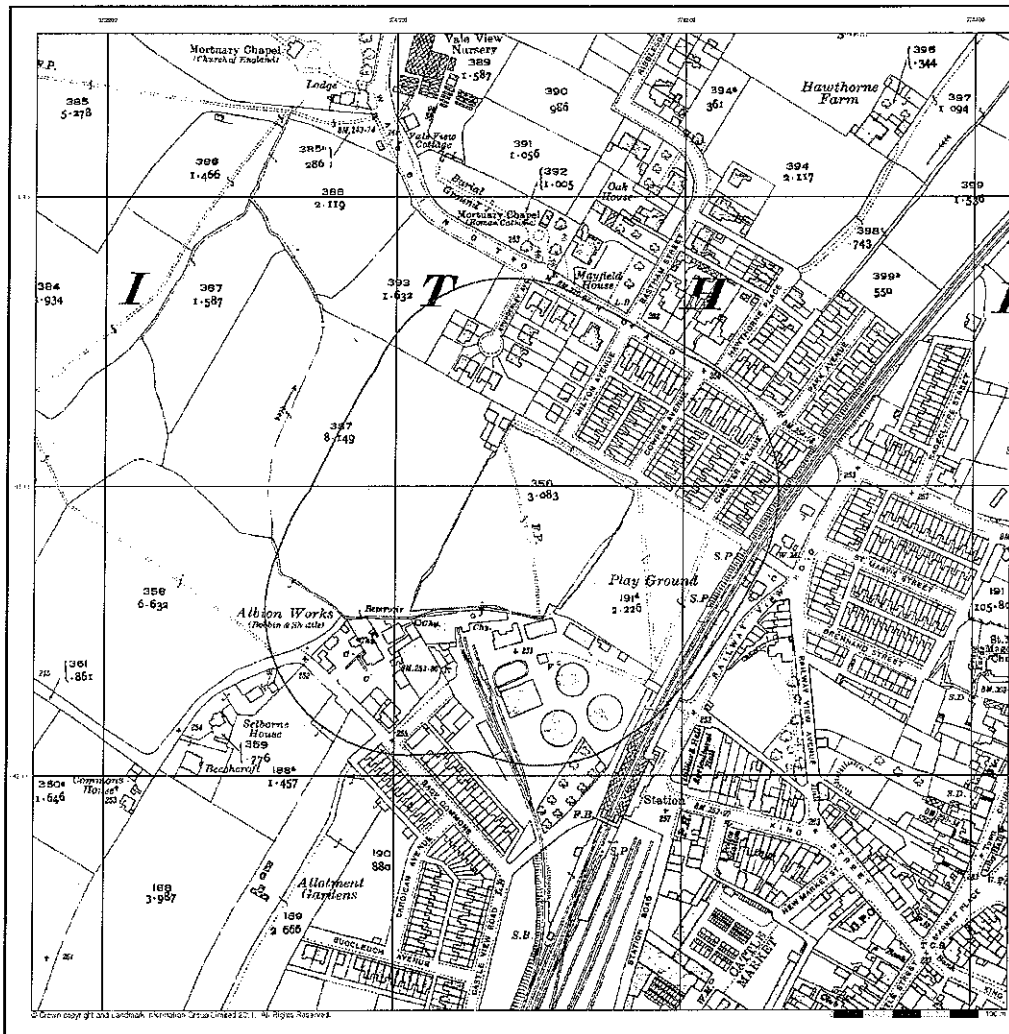
Site Details

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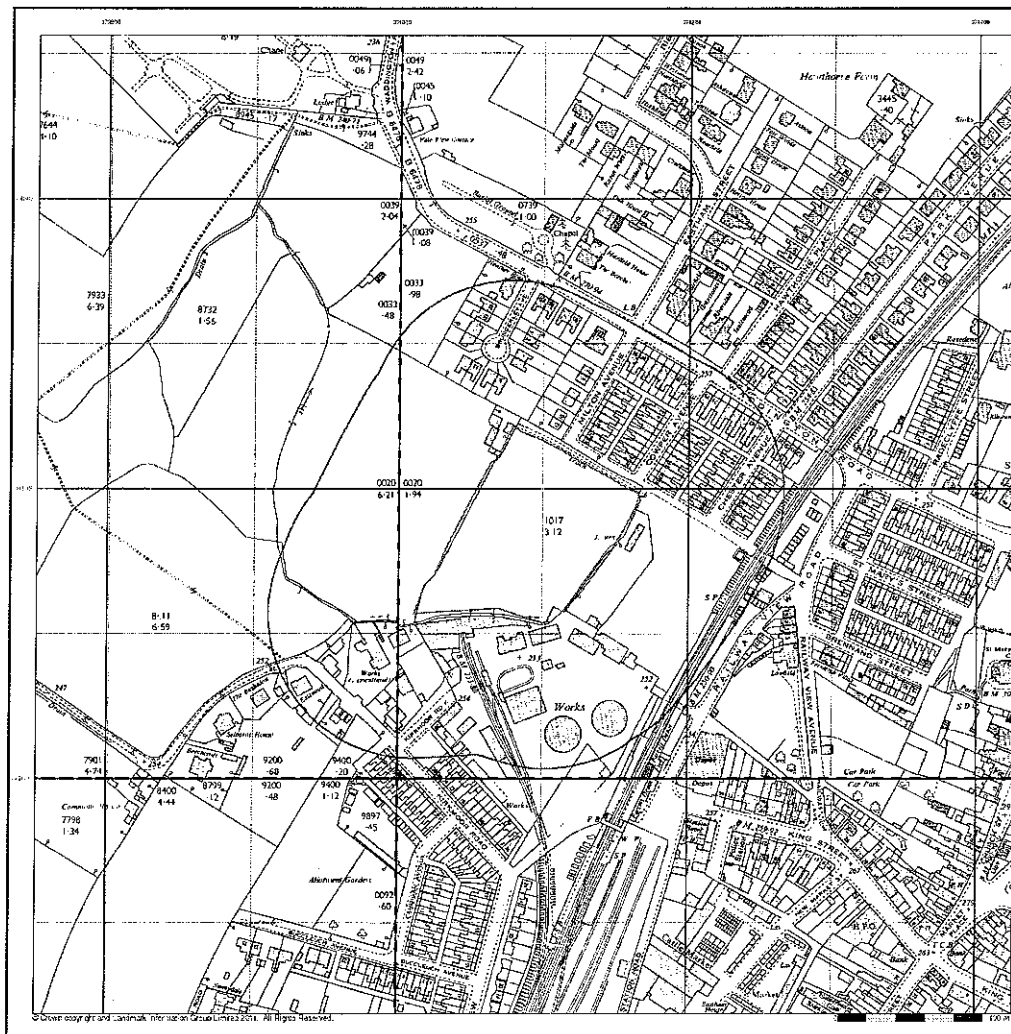


Lancashire And Furness
Published 1932
Source map scale - 1:2,500

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 1856 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 1913, 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)





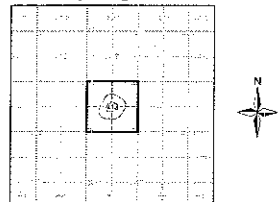
Ordnance Survey Plan
Published 1964 - 1965
Source map scale - 1:2,500

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 1898 it covered the whole of what were considered to be the civilised parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1933, 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	SD7342 1964 1:2,500
SD7344 1964 1:2,500	SD7344 1964 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 35721468_1_1
 Customer Ref: 11CHE037
 National Grid Reference: 374050, 442170
 Site Area (Ha): 1.19
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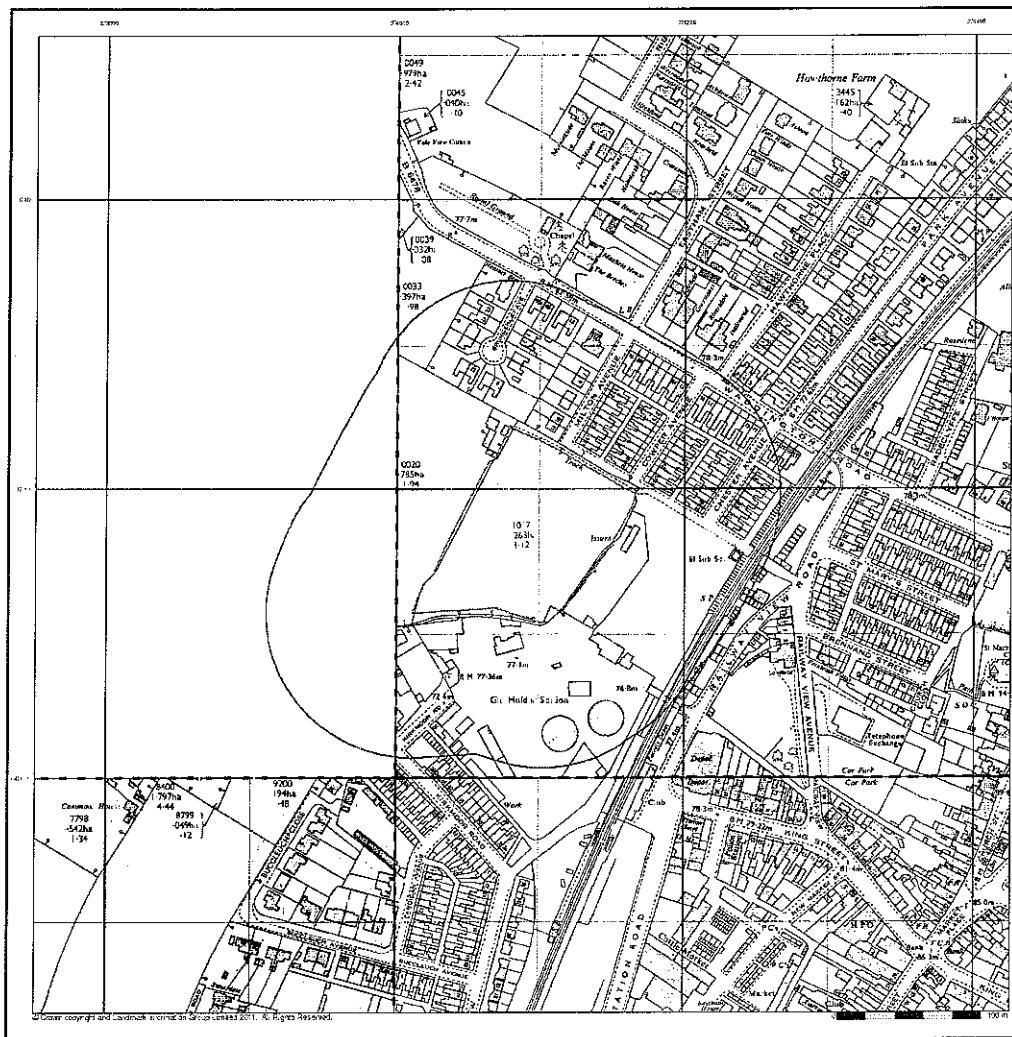
Site Details

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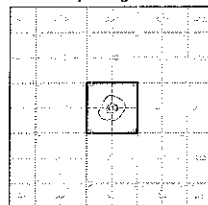
Ordnance Survey Plan
Published 1970 - 1977
Source map scale - 1:2,500

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 1855 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 1855, 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)

SD7042	SD7041
1970	1971
1:2,500	1:2,500

Historical Map - Segment A13

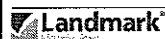


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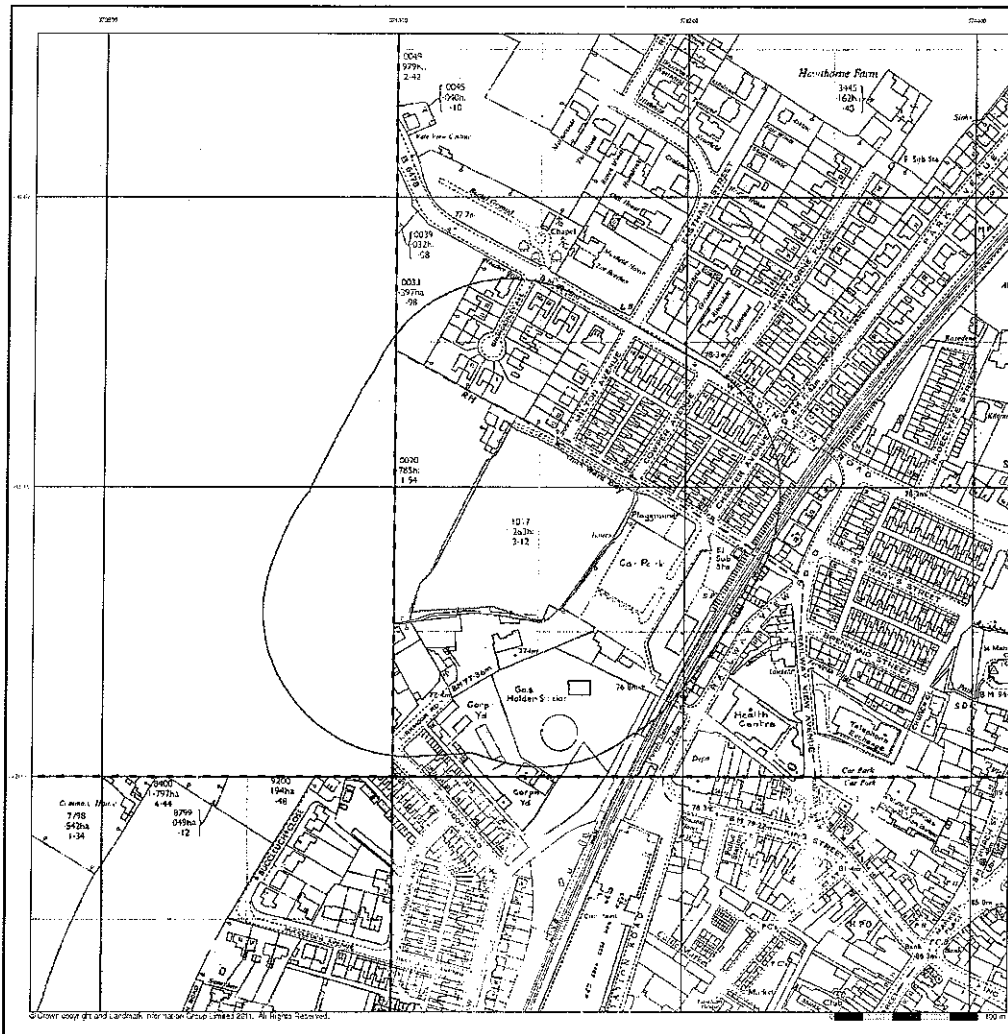
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 National Grid Reference: 374090, 442170
 Slice: A
 Site Area (Ha): 1.19
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Site Details

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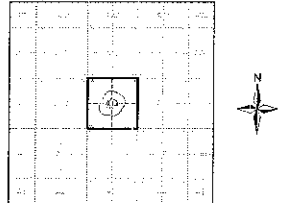
Additional SIMs
Published 1981 - 1986
Source map scale - 1:2,500

The SIM cards (Ordinance 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)

SD7145	1981	1:2,500
SD7241	1982	1:2,500
SD7242	1986	1:2,500

Historical Map - Segment A13



Order Details

Order Number: 35721459_1_1
 Customer Ref: 11CHE037
 National Grid Reference: 374090, 442170
 Slice: A
 Site Area (Ha): 1.19
 Search Buffer (m): 100

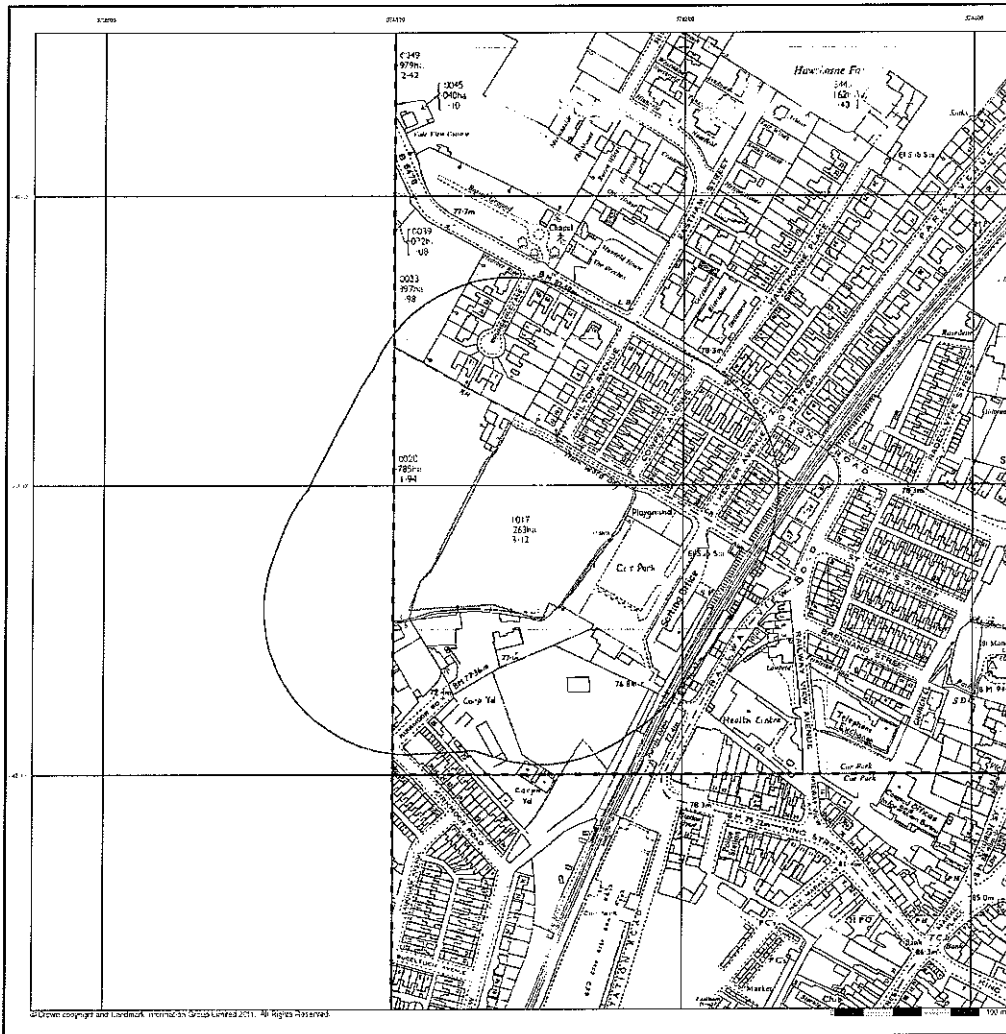
Site Details

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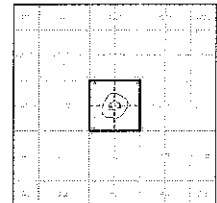
**Additional SIMs
Published 1990
Source map scale - 1:2,500**

The SIM cards (Ordinance 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)

SD2442	1969
1:2,500	
SD2441	1950
1:2,500	

Historical Map - Segment A13



Order Details

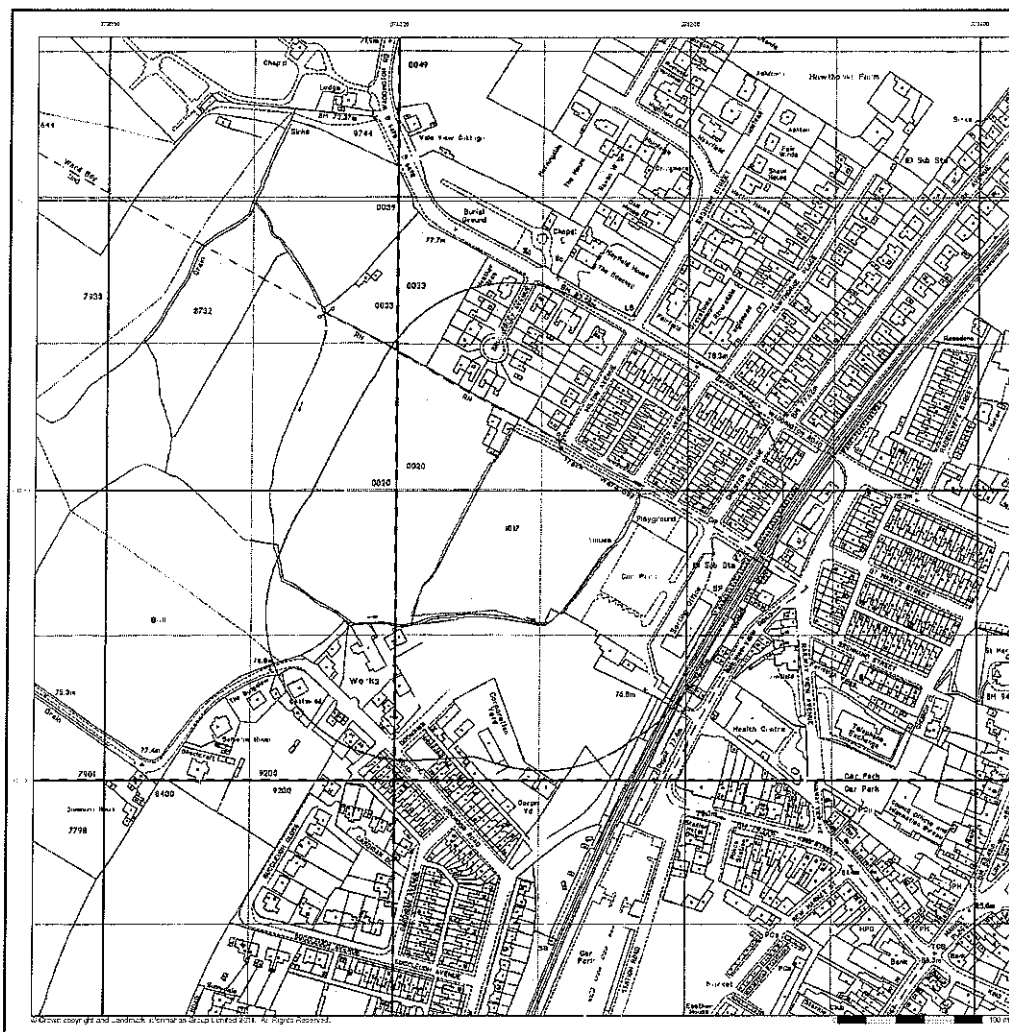
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Search Buffer (m): 100

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Large-Scale National Grid Data Published 1993

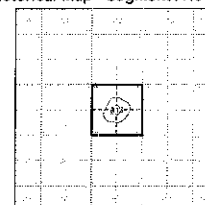
Source map scale - 1:2,500

Large Scale National Grid Data superseded SLM cards (Ordnance Survey's 'Survey of Information on Mires') in 1992, and continued to be produced until 1999. These maps were the forerunners 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 1:12,500 scales.

Map Name(s) and Date(s)

SD7942 1993 1:2,500	SD7943 1993 1:2,500
SD7944 1993 1:2,500	SD7945 1993 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 35721489_1_1
Customer Ref: 11CHE037
National Grid Reference: 374090, 442170
Site: A
Site Area (Ha): 1.19
Search Buffer (m): 100

Site Details

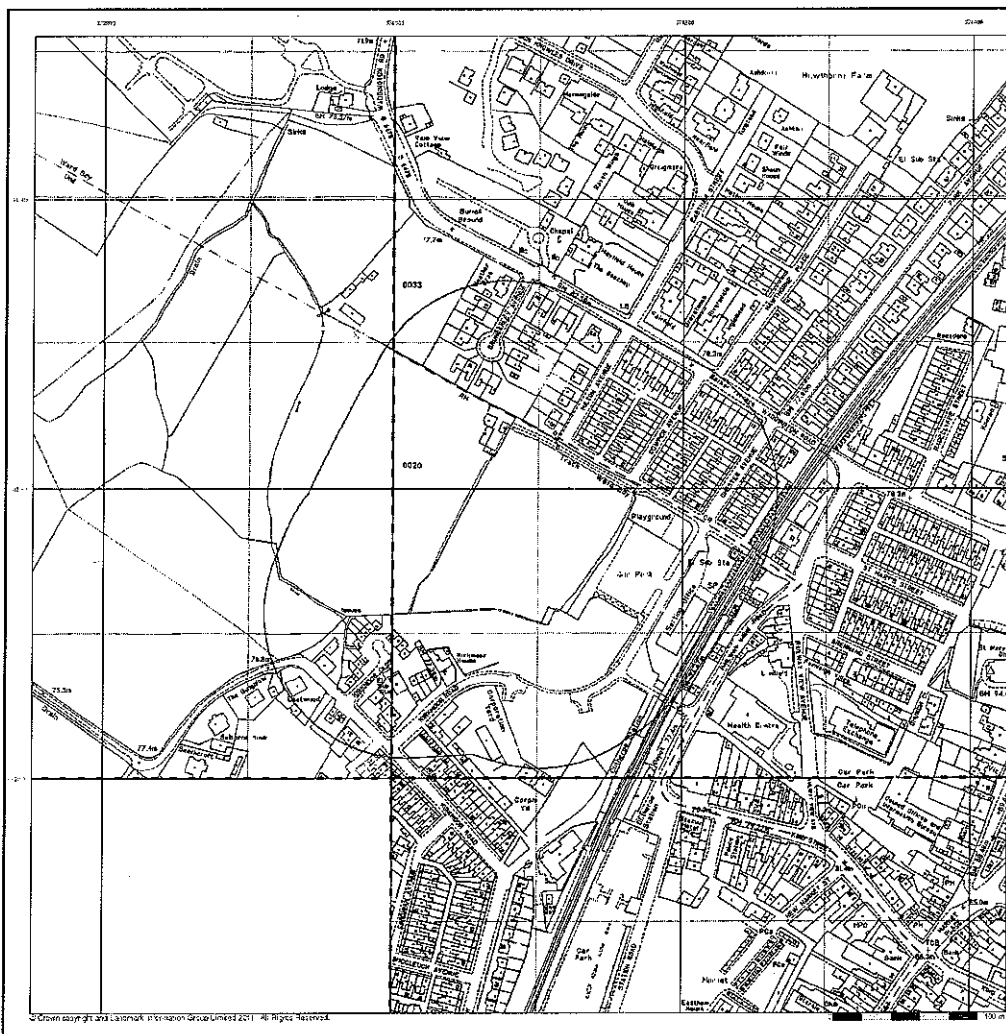
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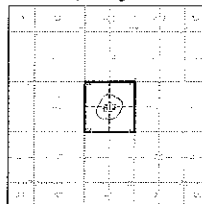
Large-Scale National Grid Data
Published 1993 - 1995

Source map scale - 1:2,500

Map Name(s) and Date(s)

SD7342	SD7442
12550	12570
	SD7441
	12583
	12560

Historical Map - Segment A13



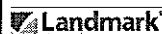
Order Details

Order Details

Order Number:	35721469_1_1
Customer Ref:	11CHE037
National Grid Reference:	374090, 442170
Slice:	A
Site Area (Ha):	1.19
Search Buffer (m):	100

Site Details

1 Milton Avenue CLITHEROE Lancashire BB7 2HX



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Fax 0244 844 3057
e-mail: maria@shelton.co.uk



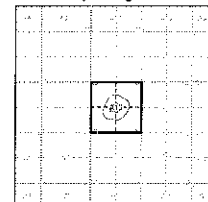
Large-Scale National Grid Data
Published 1994 - 1997
Source map scale - 1:2,500

Large Scale National Grid Data superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1993. These maps were the first numbers 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)

SD79/02	SD79/02
1997	1997
12,500	12,500
SD79/02	SD79/02
1997	1997
12,500	12,500

Historical Map - Segment A13



Order Details

Order Number: 35721488_1_1
 Customer Ref: 11CHE037
 National Grid Reference: 374090, 442170
 Slice: A
 Site Area (Haj): 1.19
 Search Buffer (m): 100

Site Details

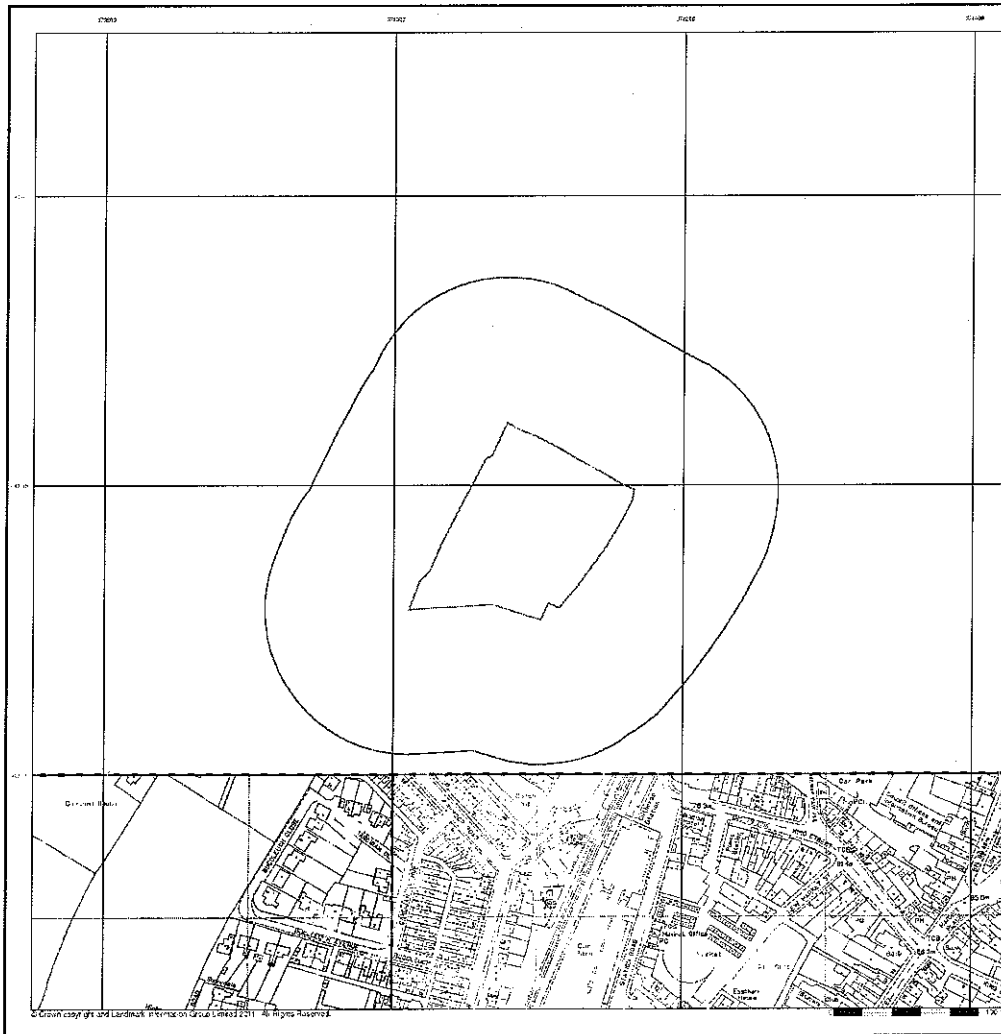
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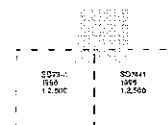


Large-Scale National Grid Data Published 1995 - 1996

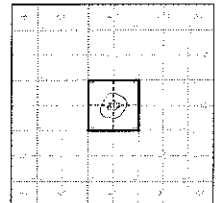
Source map scale - 1:2,500

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 forerunners 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

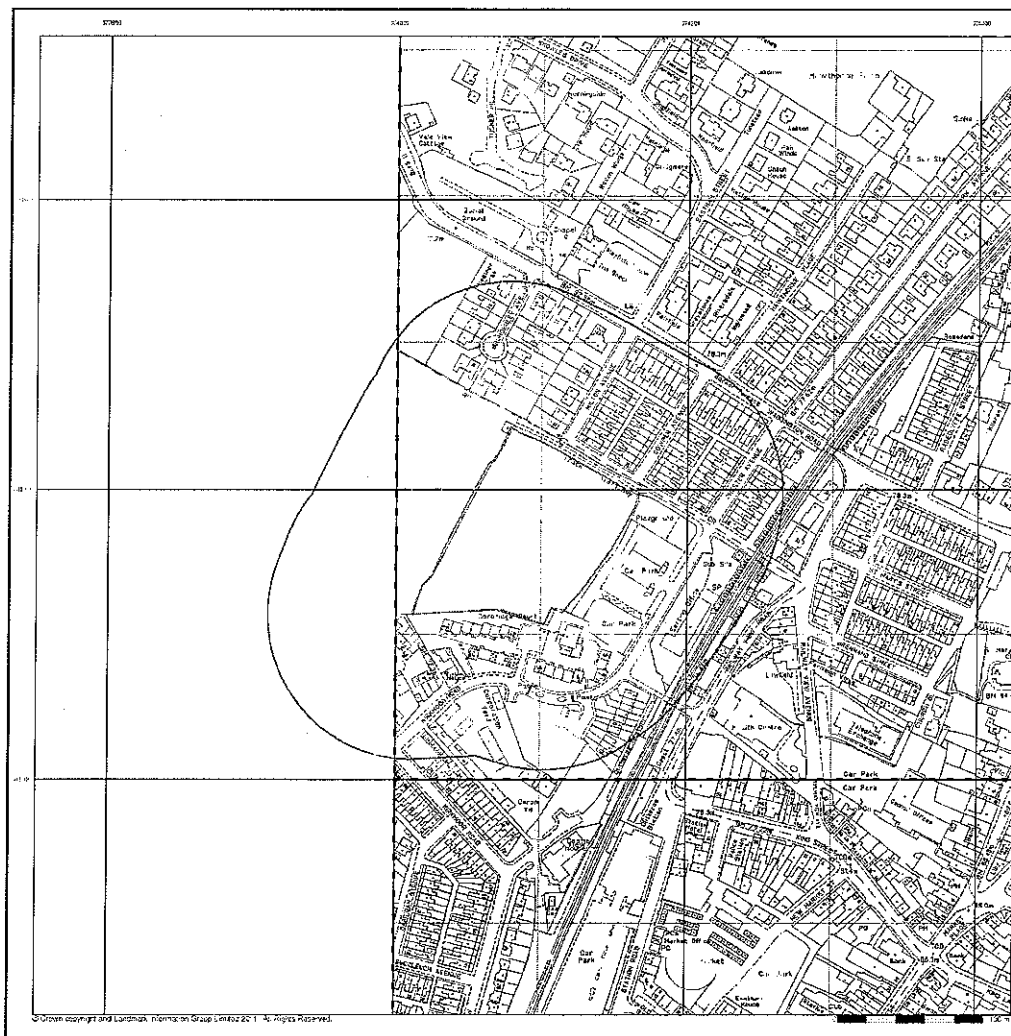
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Site Area (Ha): 1.19
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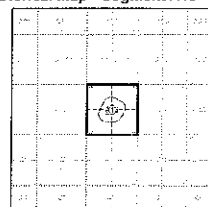
Large-Scale National Grid Data **Published 1995 - 1997** **Source map scale - 1:2,500**

Large Scale National Grid Data superseded 5M cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were a fore-runner 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)

SD1442
1995
1:2,500
SD1441
1997
1:2,500

Historical Map - Segment A13



Order Details

Order Number: 35721469_1_1
Customer Ref: 11CHE037
National Grid Reference: 374090, 442170
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Site Area (Ha): 1.19
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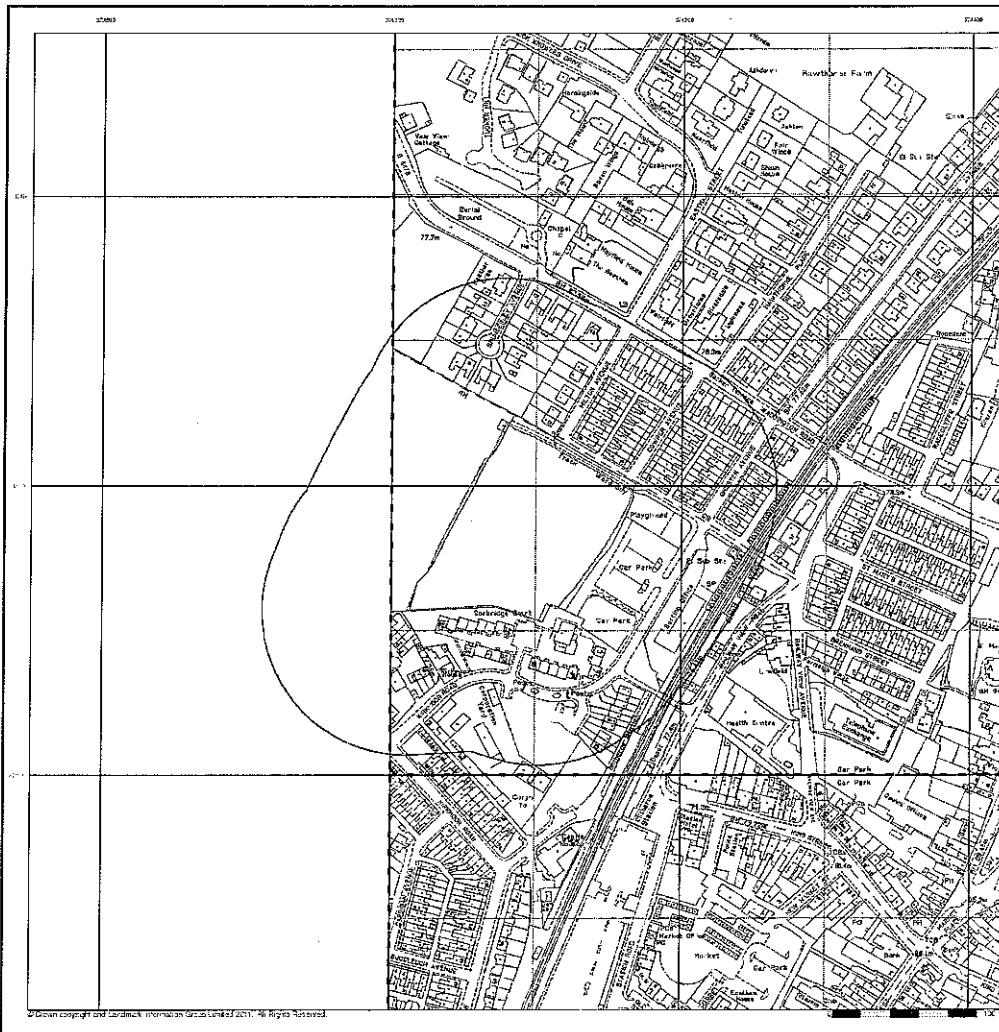
Site Details

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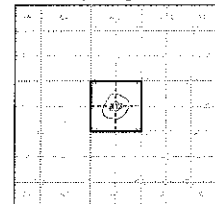
Large-Scale National Grid Data
Published 1995 - 1997
Source map scale - 1:2,500

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 first series 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)

SD2443
 1997
 1:2,500
 SD2444
 1997
 1:2,500

Historical Map - Segment A13



Order Details

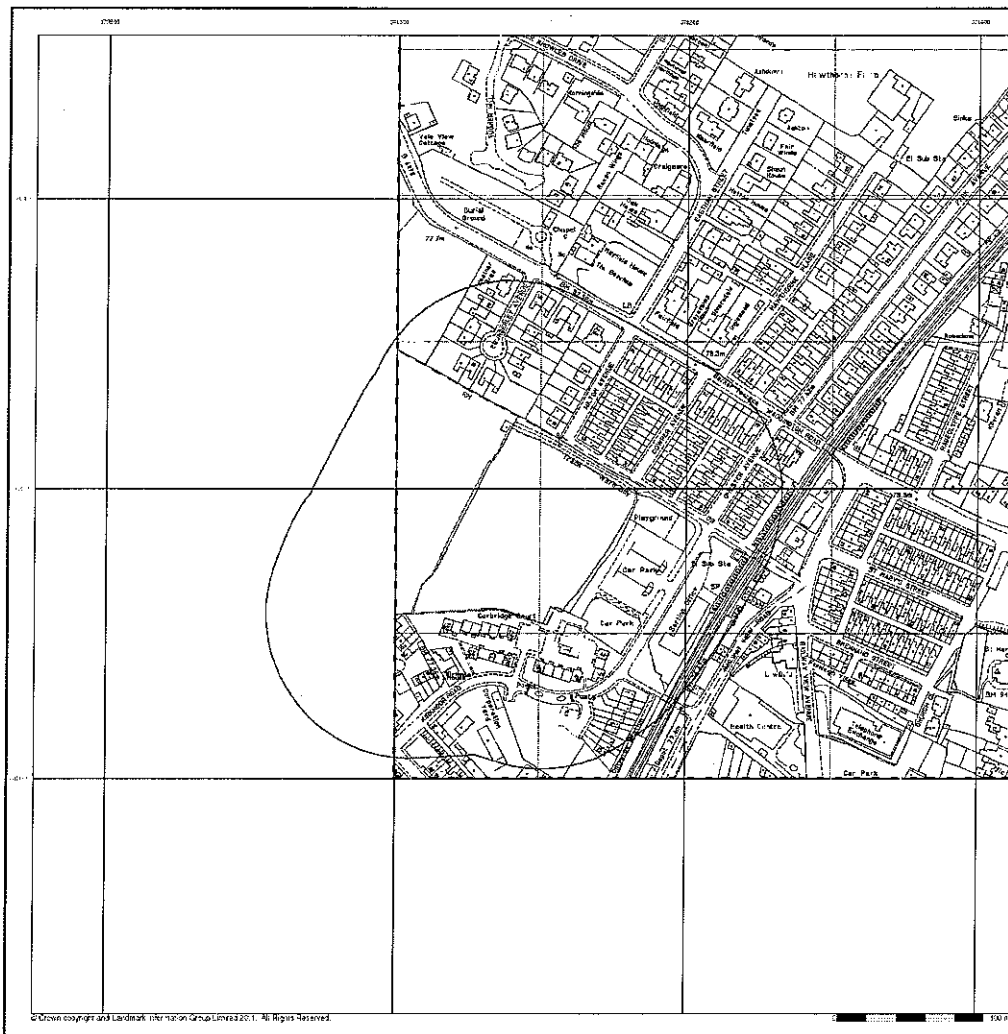
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 Customer Ref: 11CHE037
 National Grid Reference: 374090, 442170
 Slice: A
 Site Area (Ha): 1.19
 Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data Published 1996

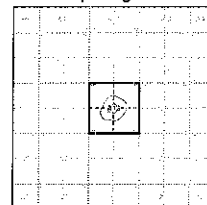
Source map scale - 1:2,500

Large Scale National Grid Data' superimposed SMI cards (Ordnance Survey's 'Survey of Information on Mordfiri') 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: 35721469_1_1
Customer Ref: 11CHE037
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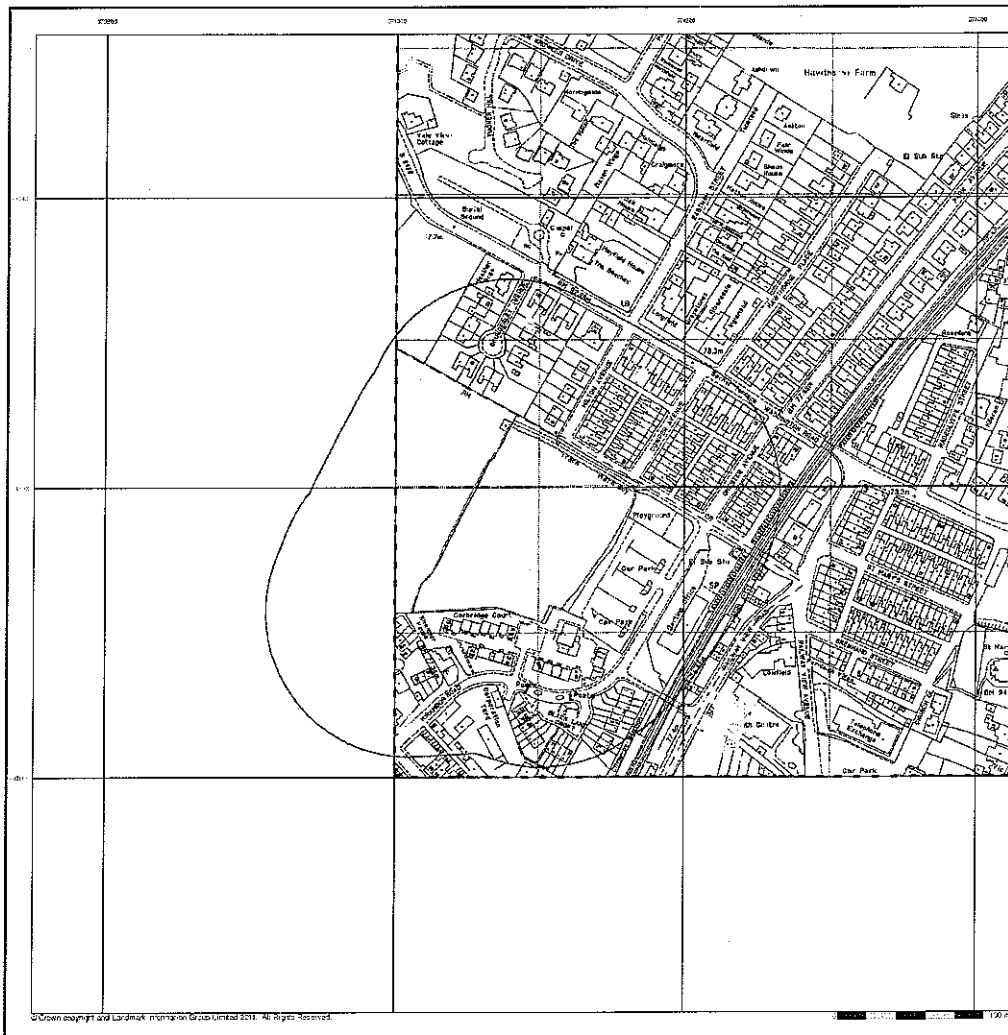
Site Details

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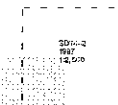


**Large-Scale National Grid Data
Published 1997**

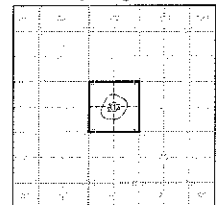
Source map scale - 1:2,500

Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on a Microfilm') in 1992, and continued to be produced until 1999. These maps were the forerunners 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 1:12,500 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 35721469_1_1
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Site: A
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Site Details

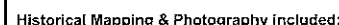
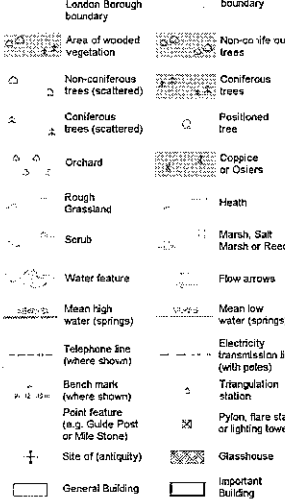
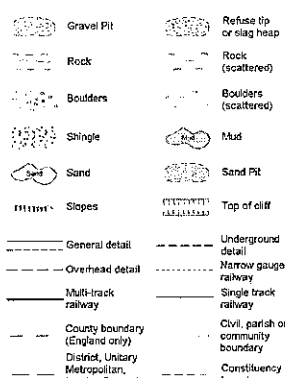
1 Milton Avenue CLUTHEROE Lancashire BB7 2HX



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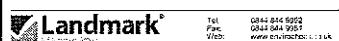
1:10,000 Raster Mapping

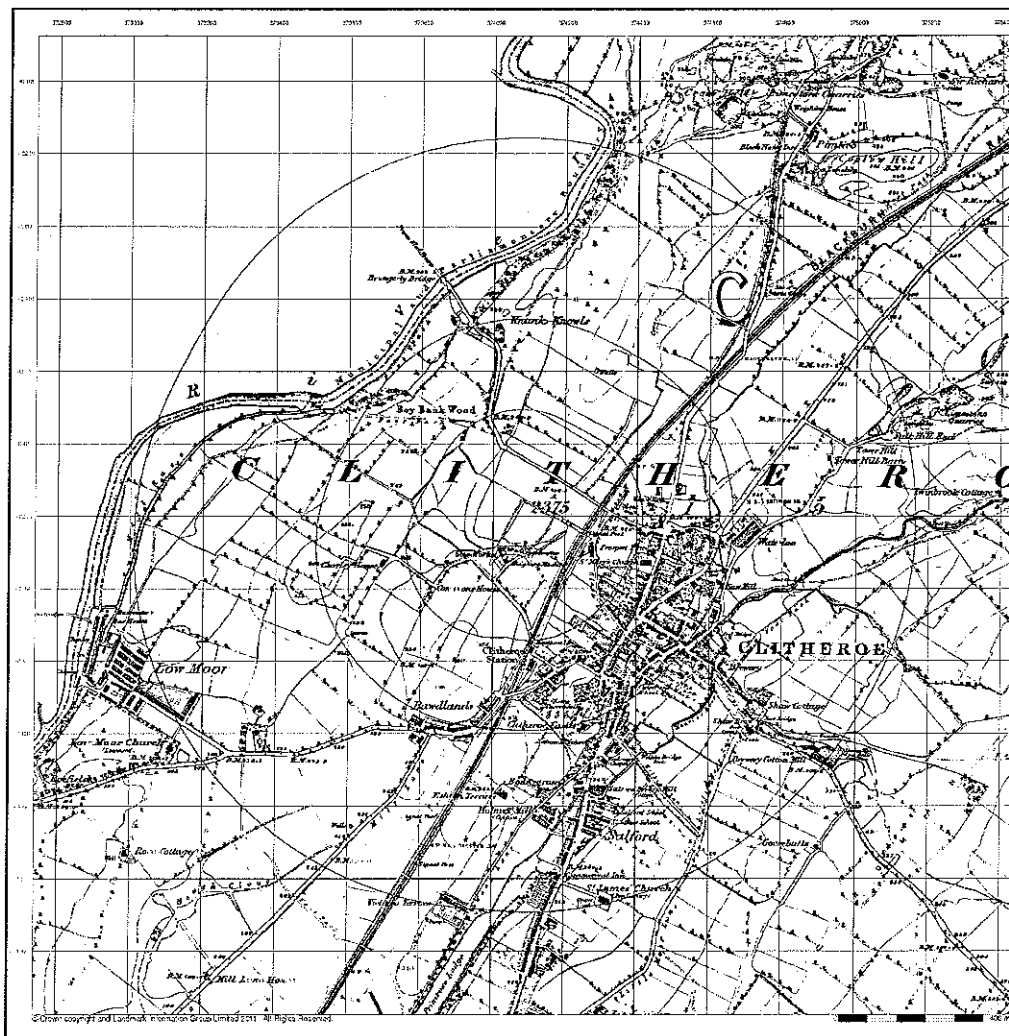


Mapping Type	Scale	Date	P
Lancashire And Furness	1:10,500	1847	
Lancashire And Furness	1:10,500	1848-1850	
Lancashire And Furness	1:10,500	1895	
Yorkshire	1:10,500	1896	
Yorkshire	1:10,500	1898	
Yorkshire	1:10,500	1911	
Lancashire And Furness	1:10,500	1914	
Lancashire And Furness	1:10,500	1950	
Lancashire And Furness	1:10,500	1953	
Lancashire And Furness	1:10,500	1958	
Ordnance Survey Plan	1:10,000	1955	
Ordnance Survey Plan	1:10,000	1957	
10K Raster Mapping	1:10,000	2001	
10K Raster Mapping	1:10,000	2008	
10K Raster Mapping	1:10,000	2011	

Order Details	
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Customer Ref:	11CHE037
National Grid Reference:	374090, 442170
Slice:	A
Site Area (Ha):	1.19
Search Buffer (m):	1000

Site Details
1 Milton Avenue CLITHEROE Lancashire BB7 2HX



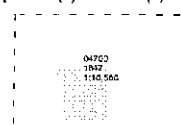


Lancashire And Furness Published 1847

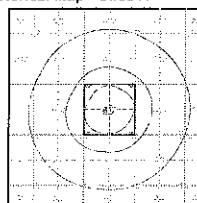
Source map scale - 1:10,560

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 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in cutting 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 unframed - 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: 35721469_1_1
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National Grid Reference: SP4099, 442170
Slice: A
Site Area (ha): 1.19
Search Buffer (m): 1000

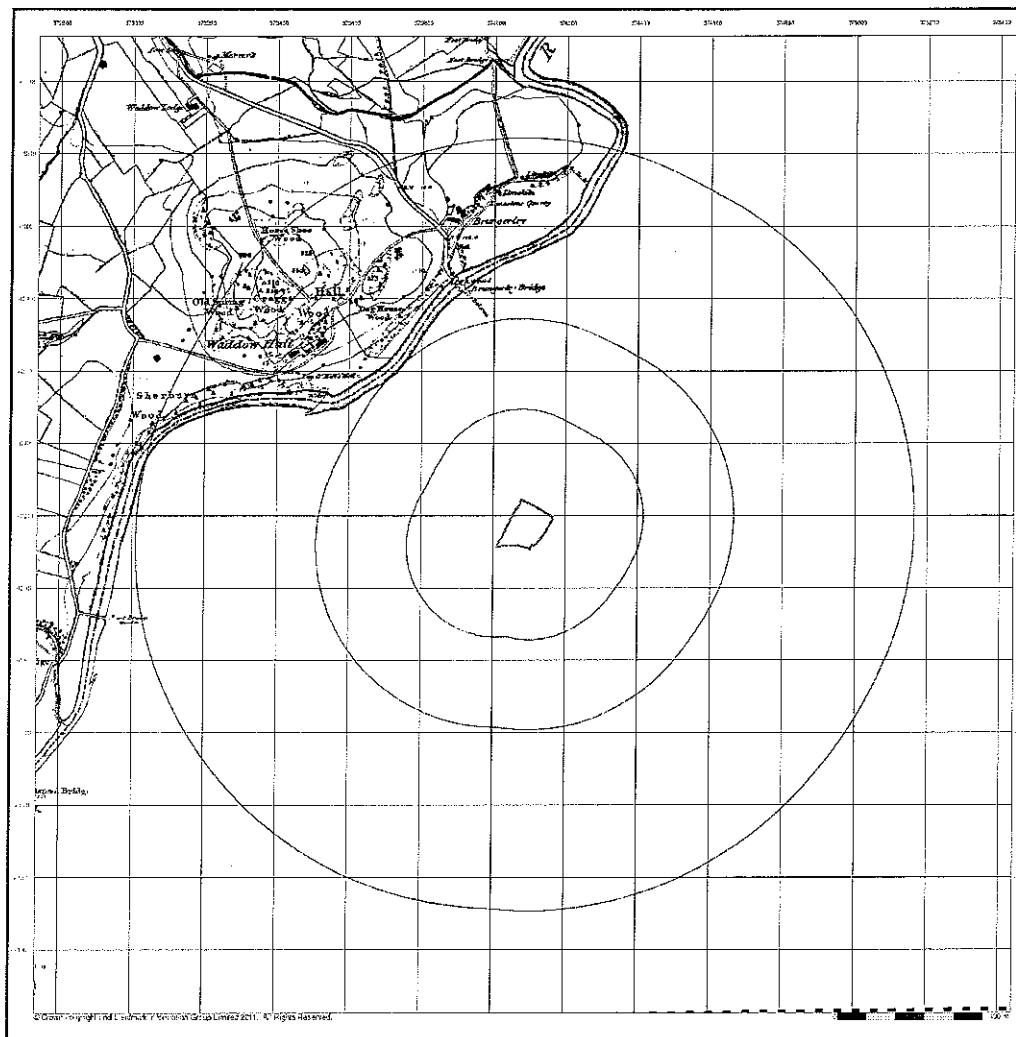
Site Details

1 Milton Avenue CLITHEROE Lancashire BB7 2HX



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320120861P



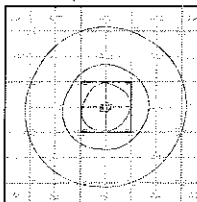
Yorkshire
Published 1848 - 1850
Source map scale - 1:10,560

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 1:25,000 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 cartilage 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)

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1:10,560	1:10,560
1850	1850
1:10,560	1:10,560

Historical Map - Slice A



Order Details

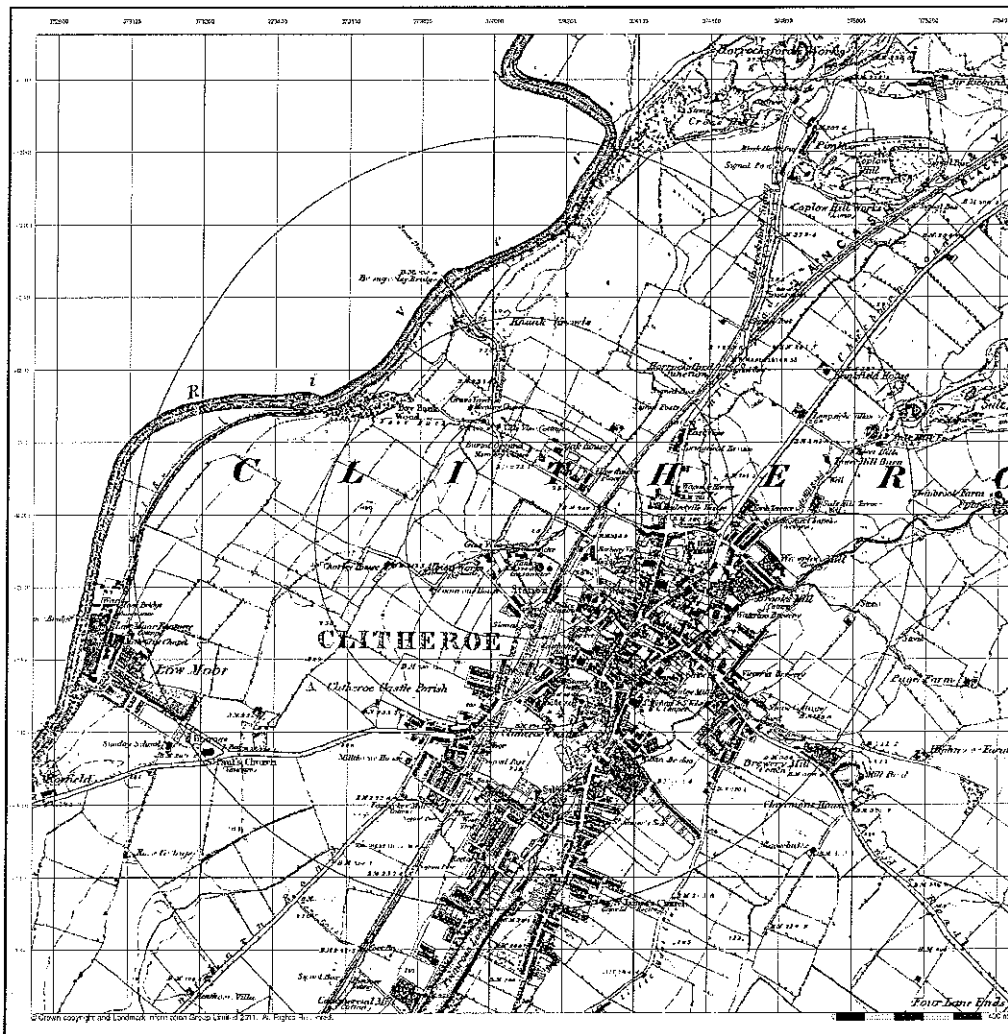
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Site Details

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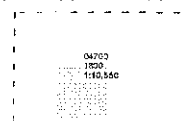


Lancashire And Furness **Published 1890**

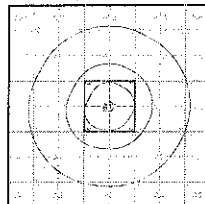
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Slice: A
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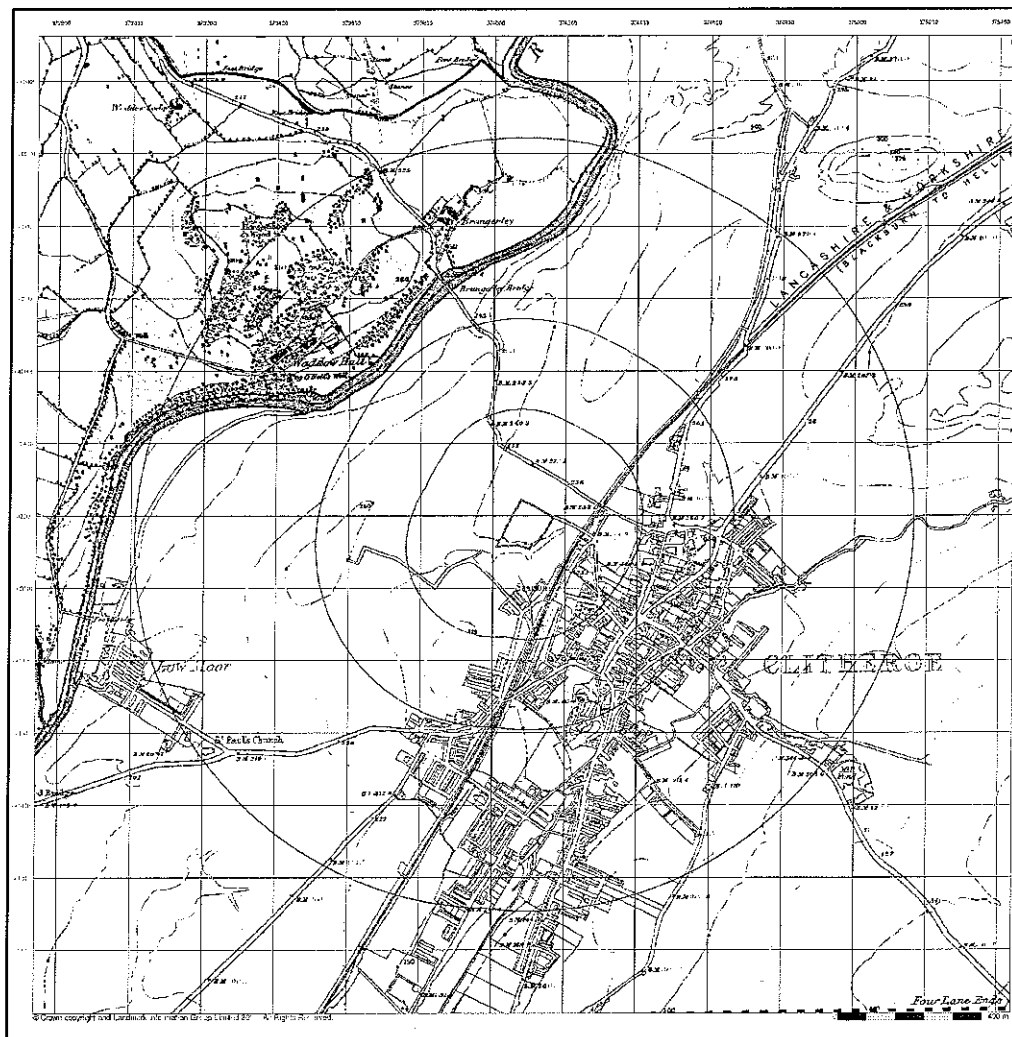
Site Details

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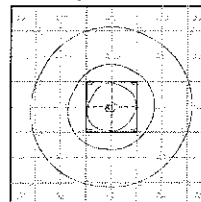
Yorkshire
Published 1890
Source map scale - 1:10,560

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 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in county areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

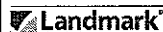


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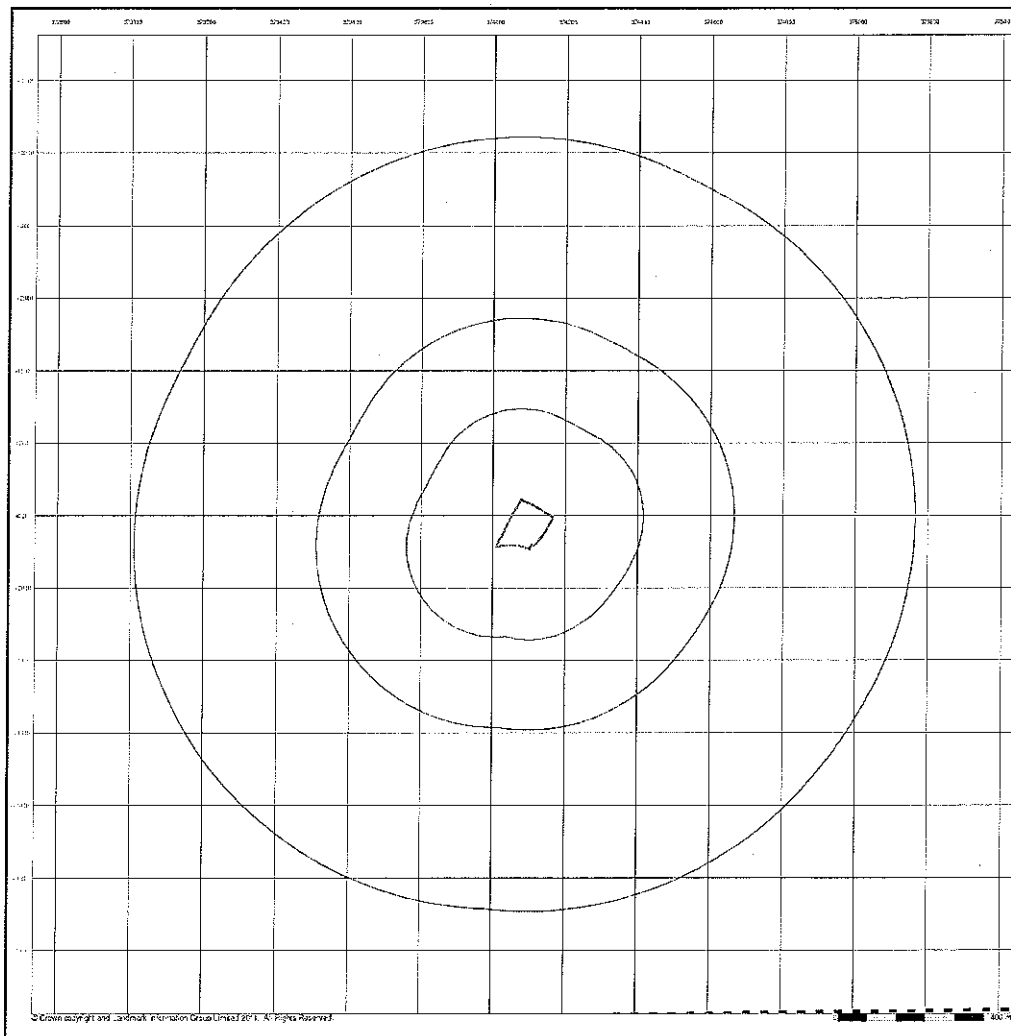
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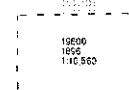


Yorkshire
Published 1896

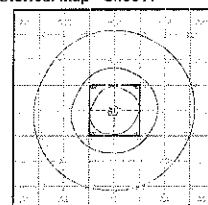
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid, in 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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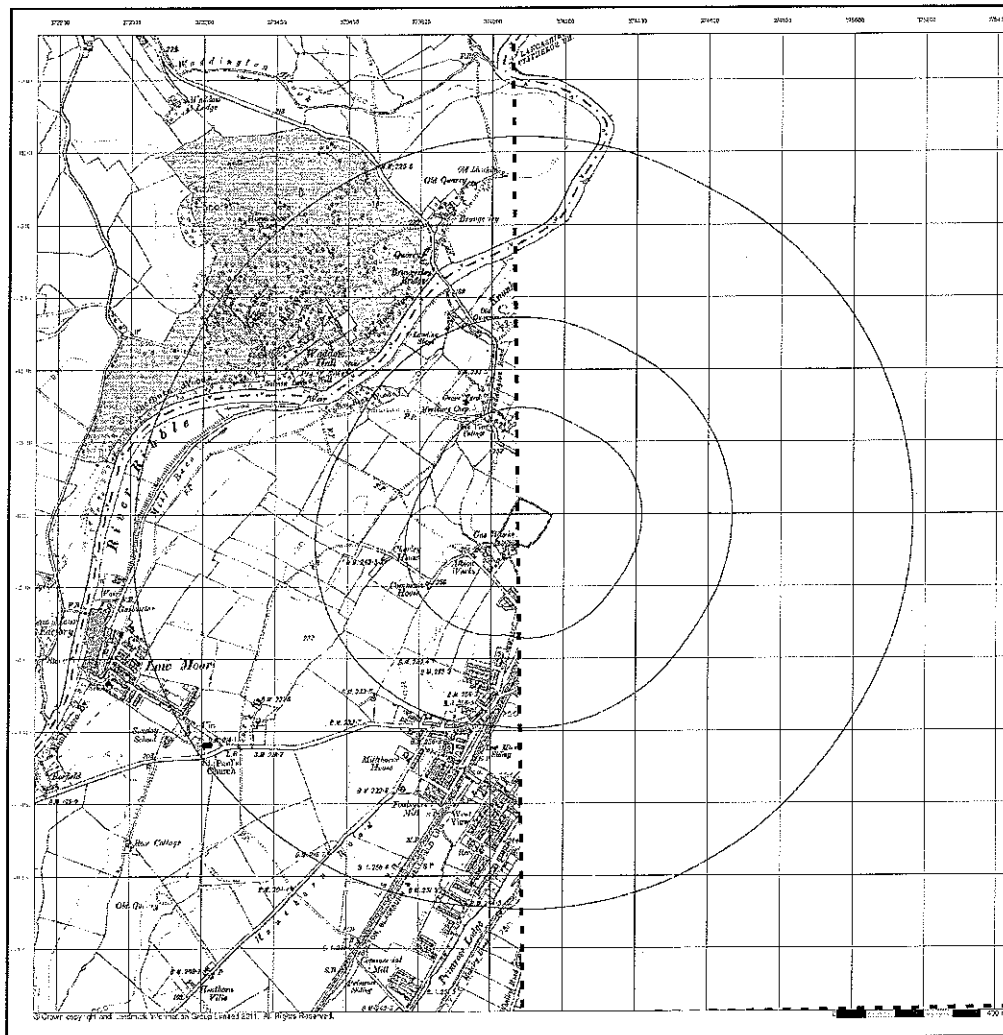
Site Details

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320120861P



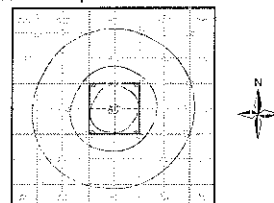
Yorkshire
Published 1911
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's, its 1854 the 1:10,560 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 undistorted - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid, in 1950, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until now, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

1025W 1911 1:10,560	1025E 1911 1:10,560
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Historical Map - Slice A

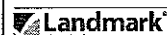


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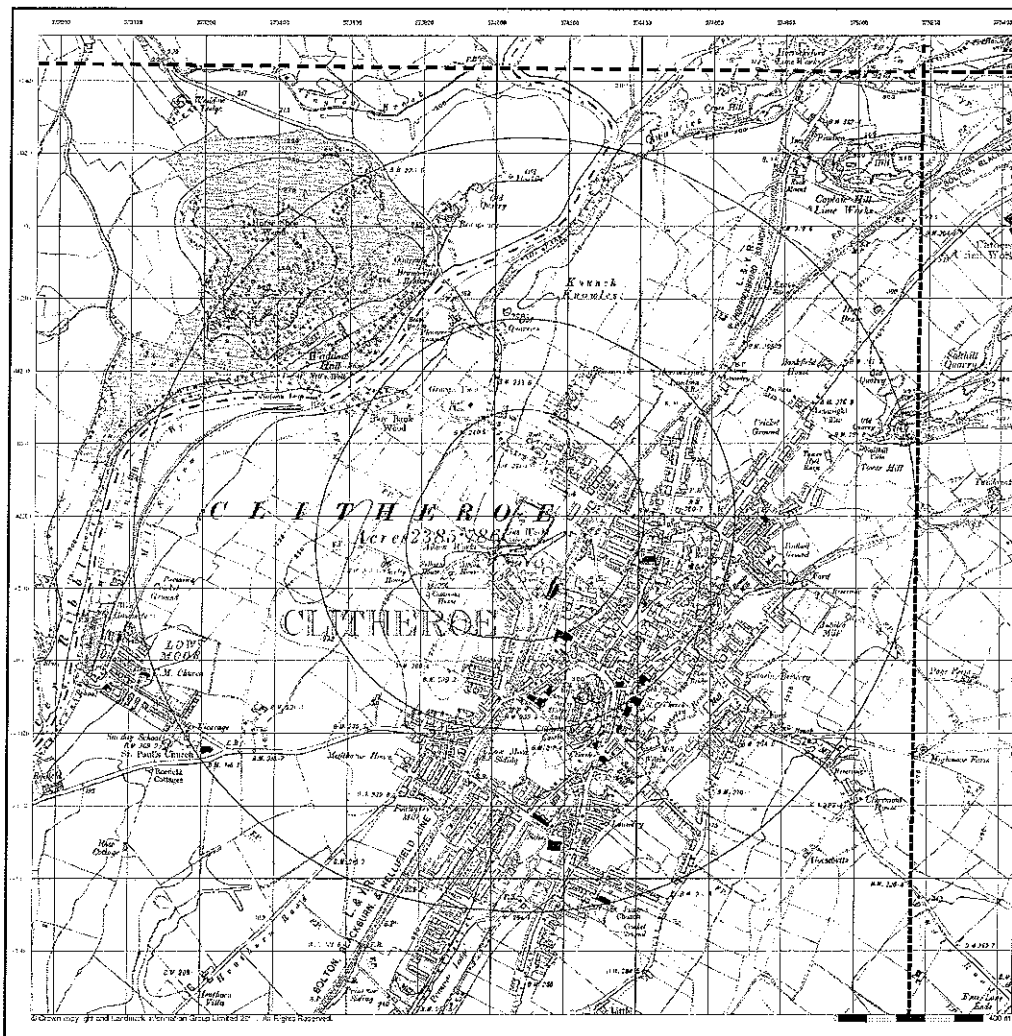
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 Search Buffer (m): 1000

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Lancashire And Furness
Published 1914

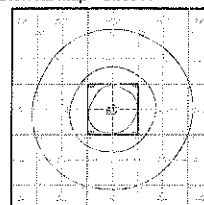
Source map scale - 1:10,560

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Map Name(s) and Date(s)

047NW 1814 1:10,560	047NE 1814 1:10,560
047SW 1914 1:10,560	047SE 1914 1:10,560

Historical Map - Slice A



Order Details

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Site Area (Ha): 1.19
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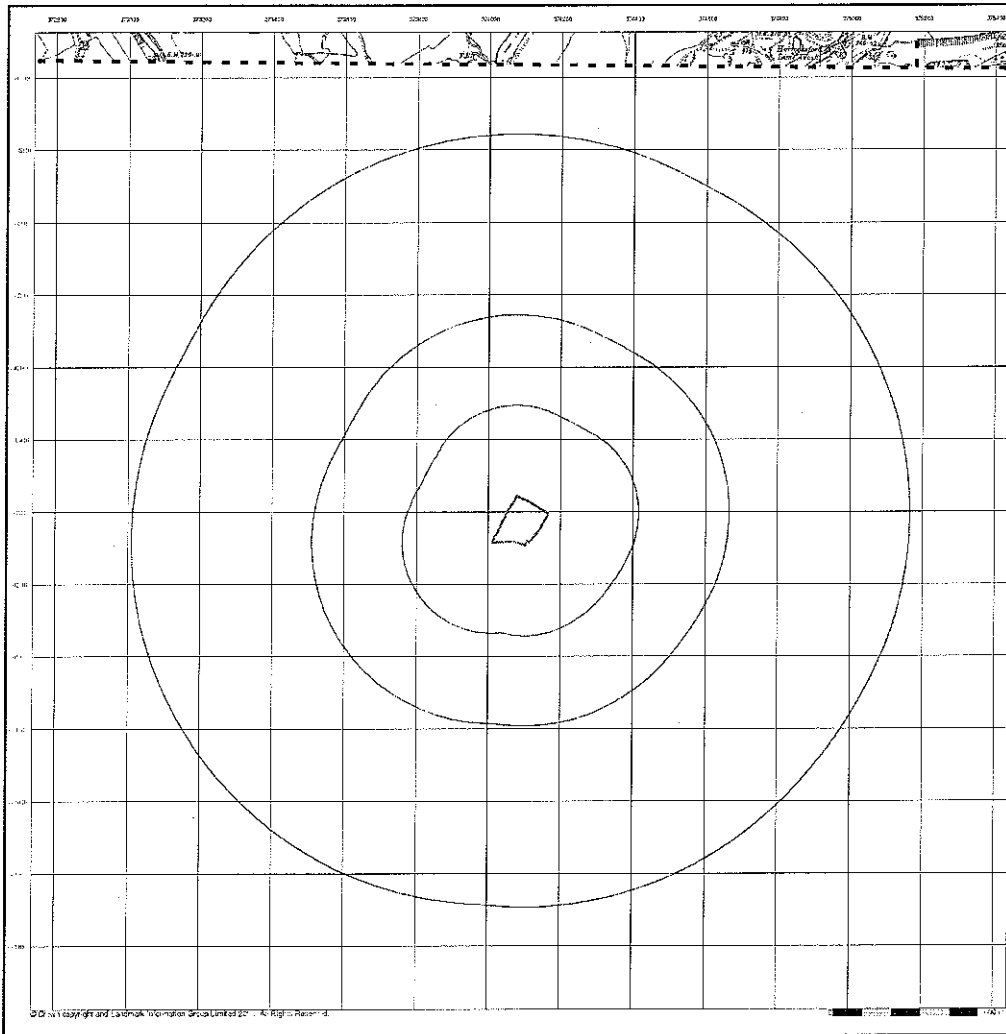
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Lancashire And Furness Published 1930

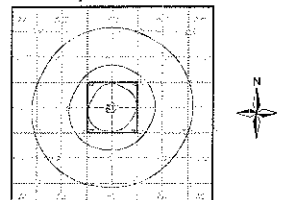
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:10,560 scale was adopted for mapping urban areas. These maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed data. Before 1930, 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 Photostatic Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all railway 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)

247NW 1930 1:10,560	047NE 1930 1:10,560
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Historical Map - Slice A



Order Details

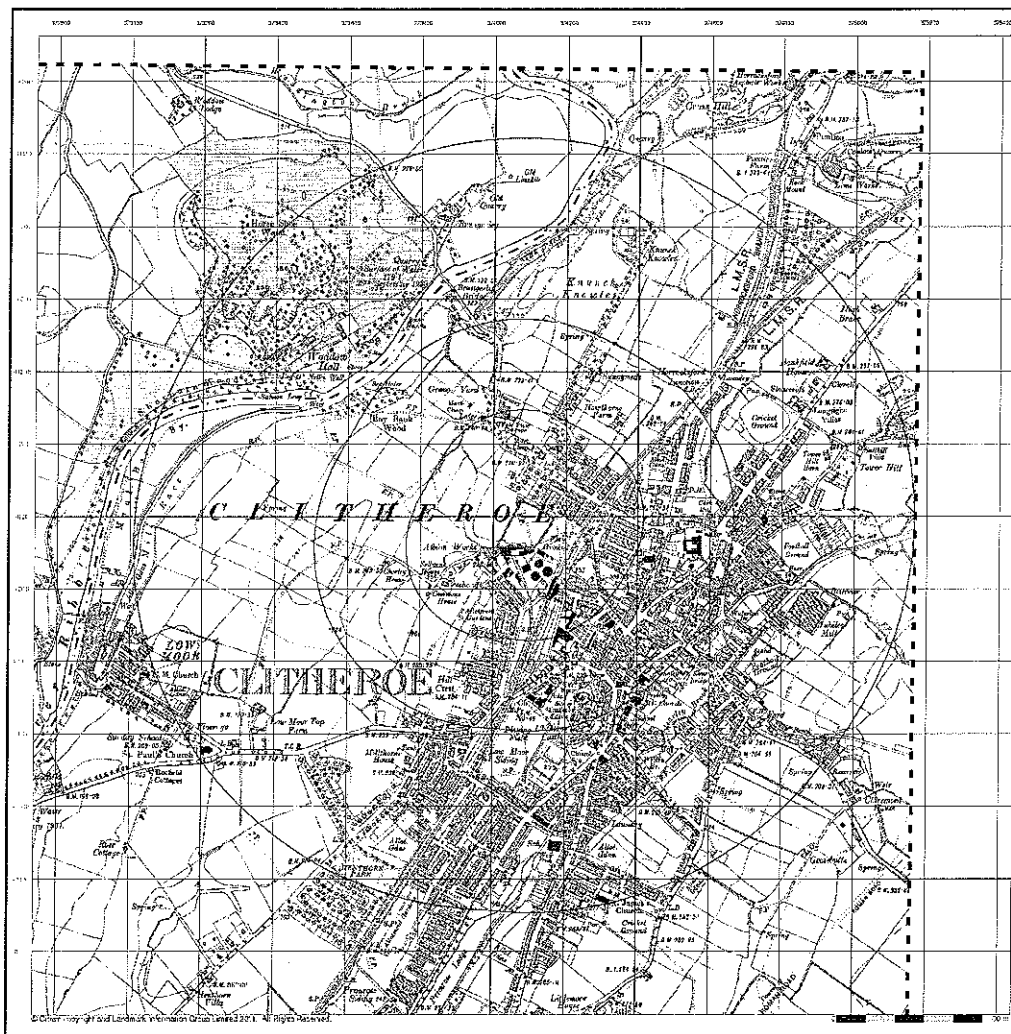
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Slice: A
Site Area (Ha): 1.19
Search Buffer (m): 1000

Site Details

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Web: www.envirocheck.co.uk

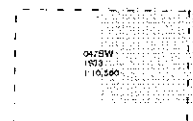


Lancashire And Furness **Published 1933**

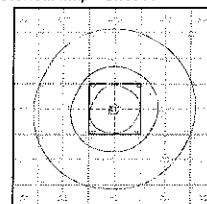
Source map scale - 1:10,560

The historical maps shown were reproduced from maps copyright held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 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 cutting areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid, in 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Customer Ref: 11CHE037
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Slice: A
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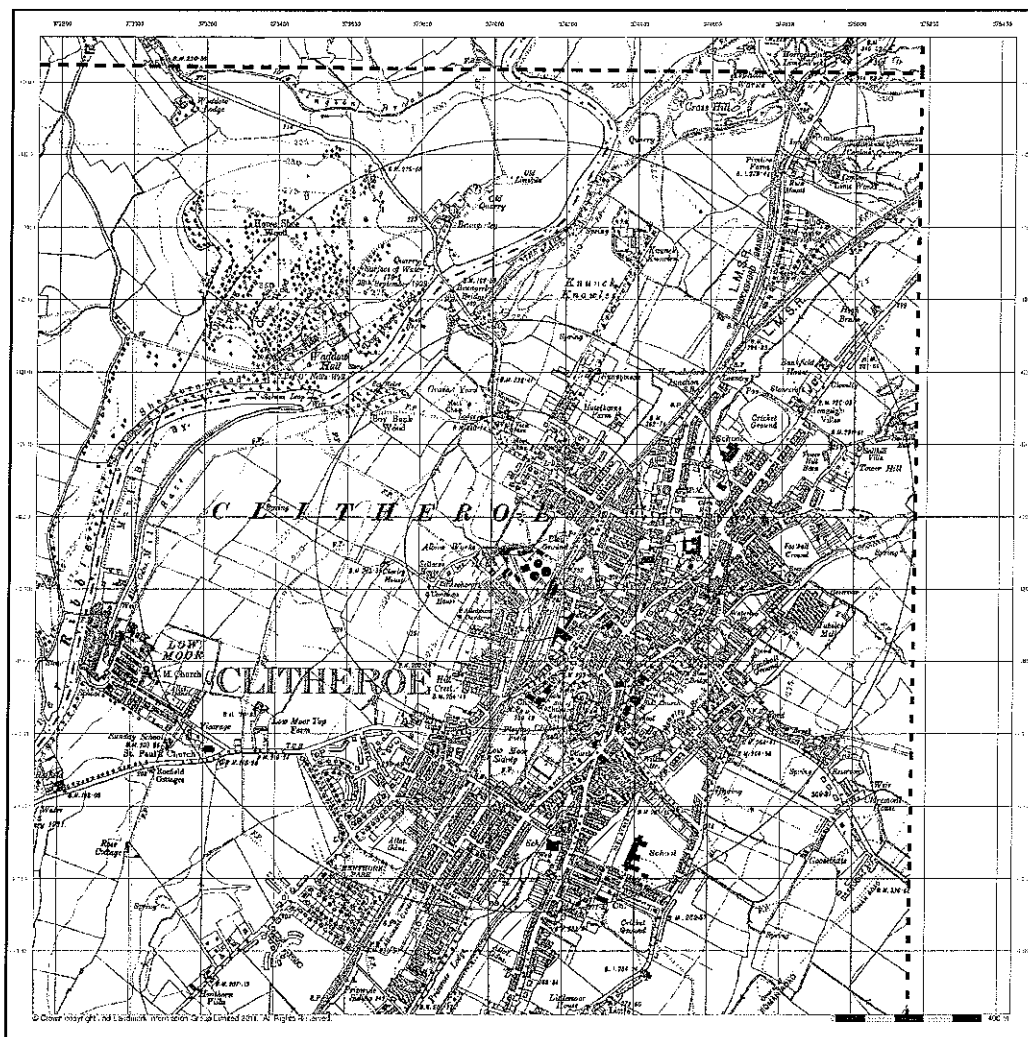
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320120861P

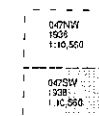


Lancashire And Furness **Published 1938**

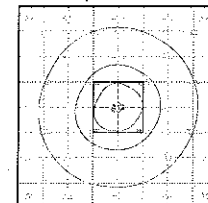
Source map scale - 1:10,560

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 1:25,000 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 Cassin 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 unframed - with all military camps and other strategic sites removed. These maps were initially overlaid with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

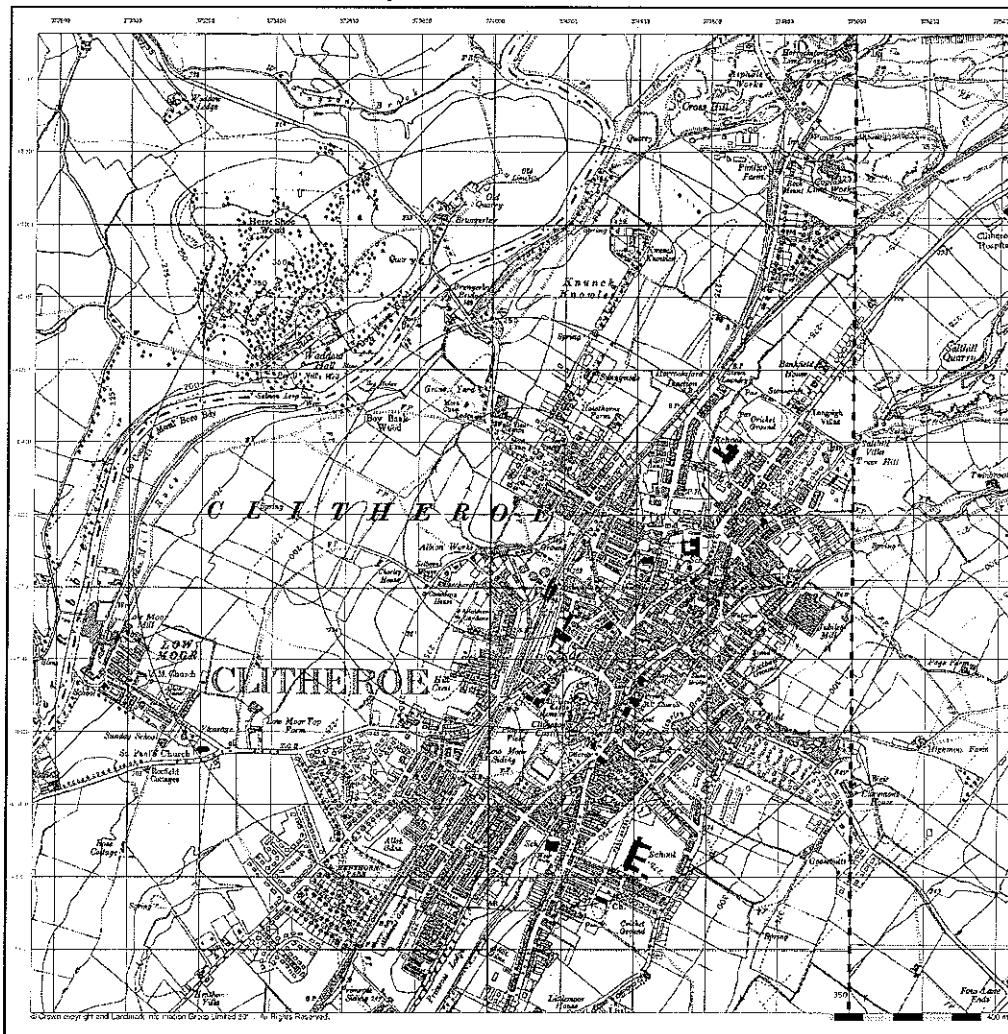
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Site Details

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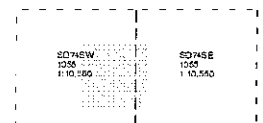
Tel: 0844 844 9922
 Fax: 0844 844 9951
 www.envirocheck.co.uk



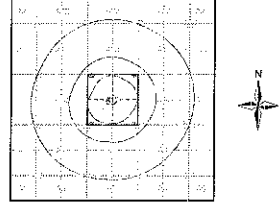
Ordnance Survey Plan
Published 1955
Source map scale - 1:10,000

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 1:25,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given here 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 1:10,000 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

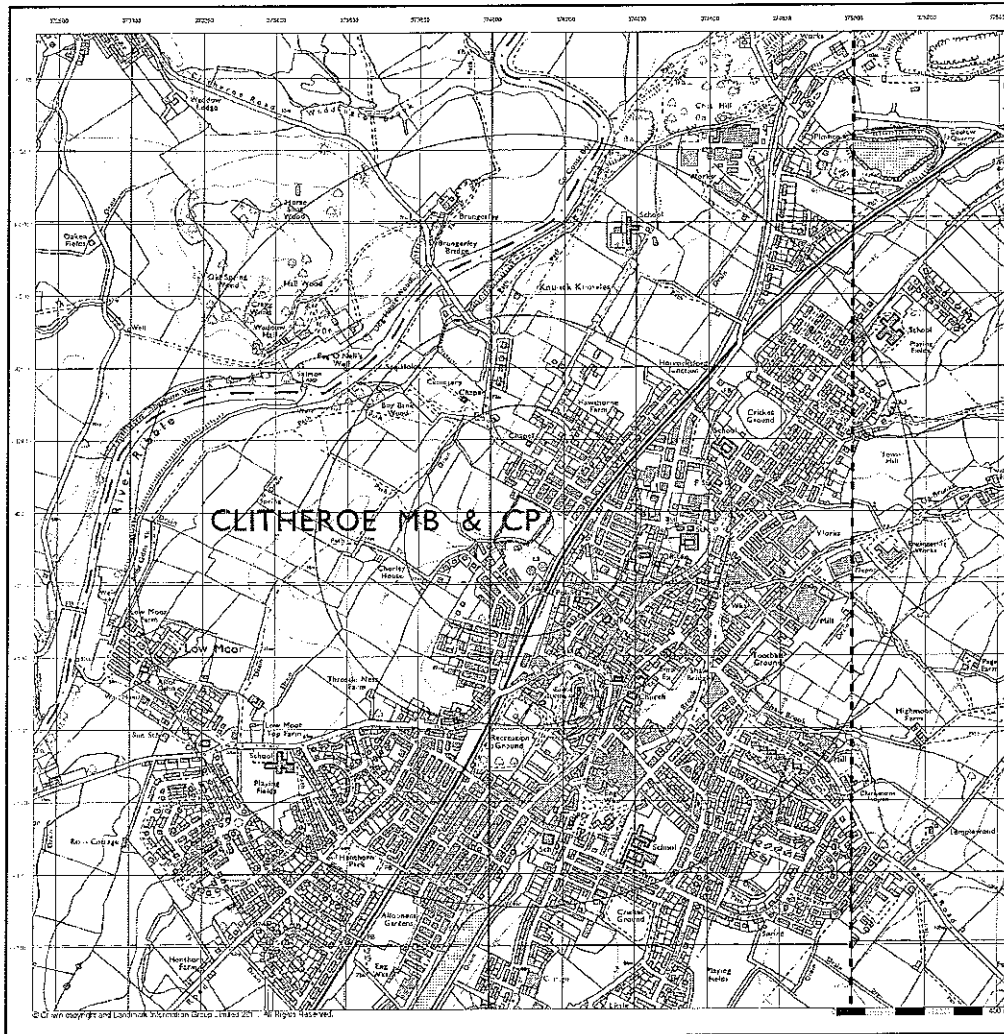


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 Search Buffer (m): 1000

Site Details
 1 Milton Avenue CLITHEROE Lancashire BB7 2HX

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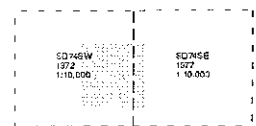
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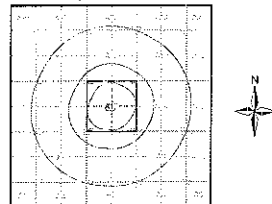
Ordnance Survey Plan
Published 1972 - 1977
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

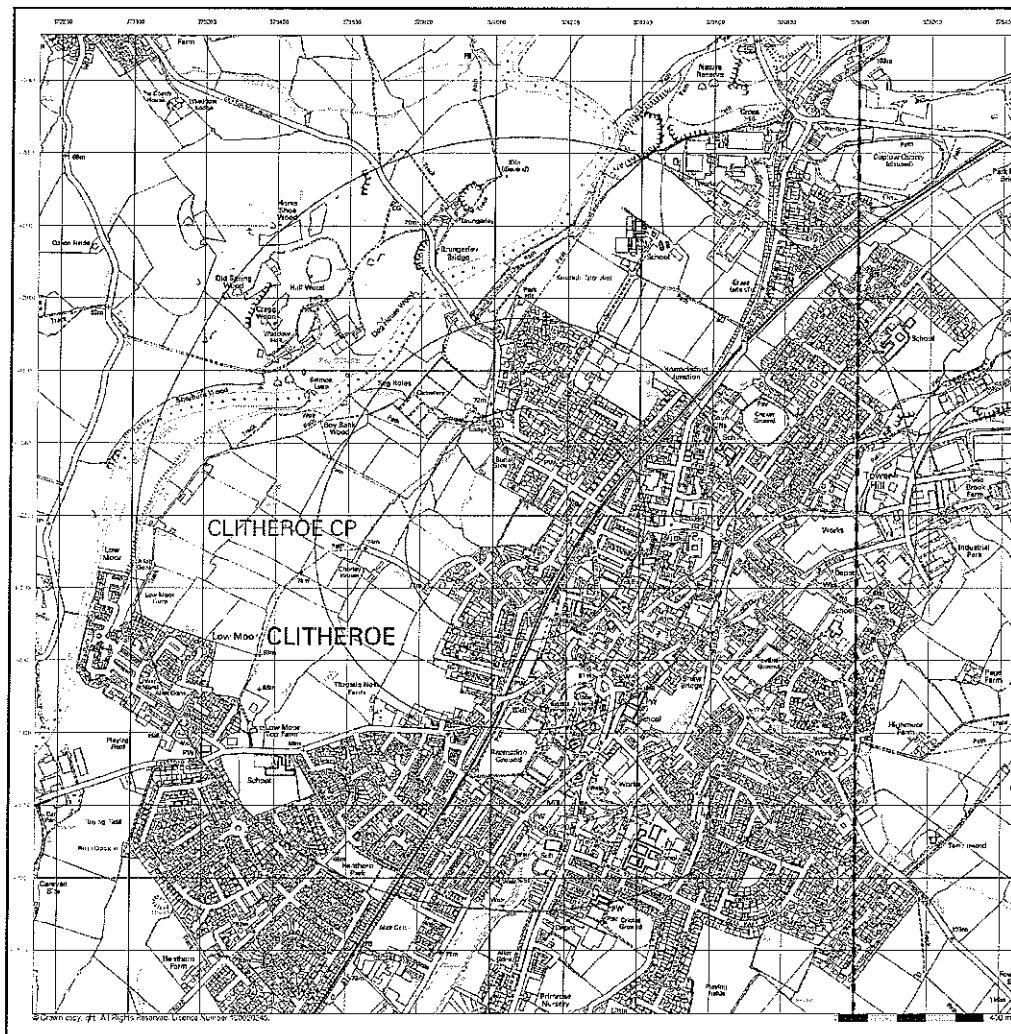
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Site Details

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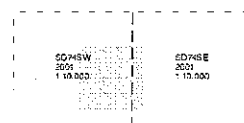


10k Raster Mapping Published 2001

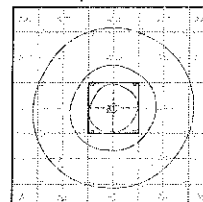
Source map scale - 1:10,000

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 1976. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, trees and paths. Road names are also included together with the relevant road number and classification. Boundary information depicted includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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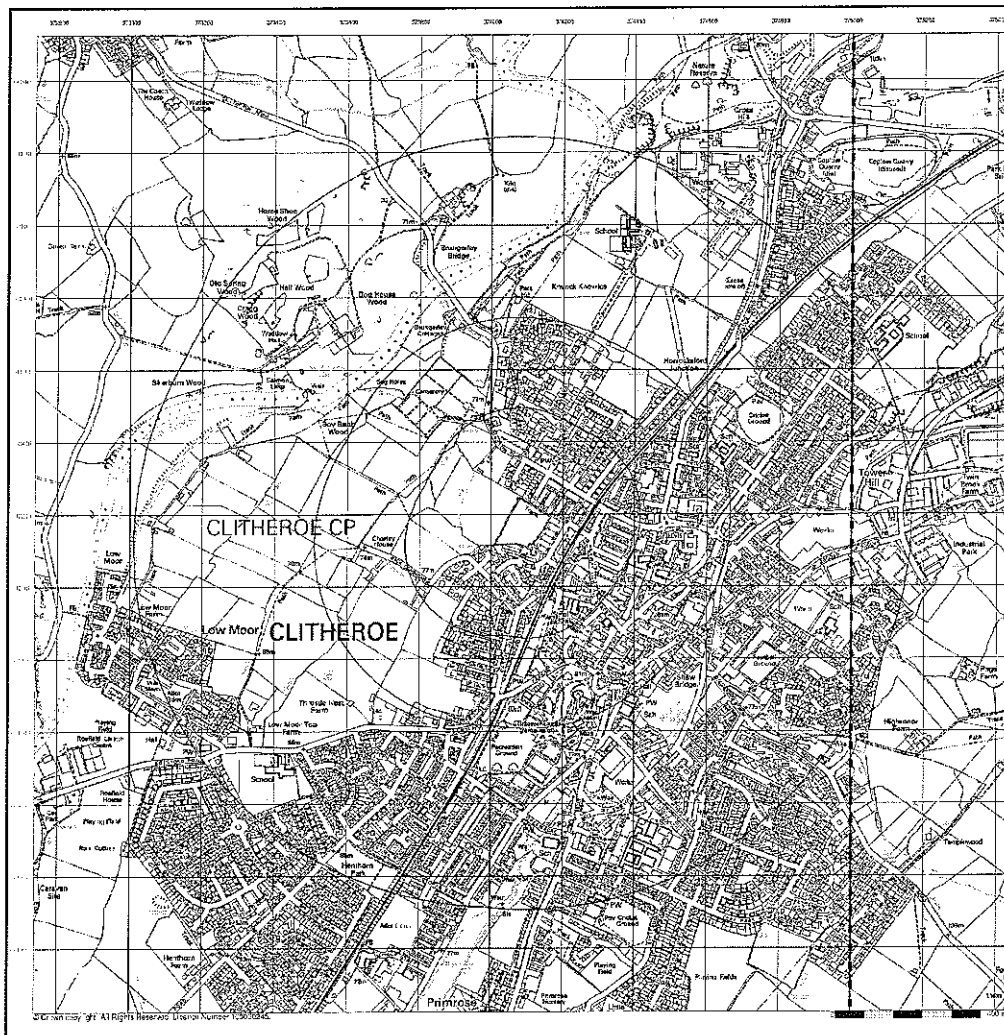
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320120861P



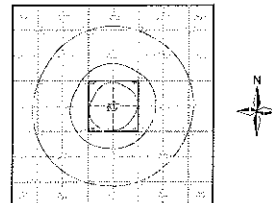
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landmark 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 depicted includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

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Historical Map - Slice A



Order Details

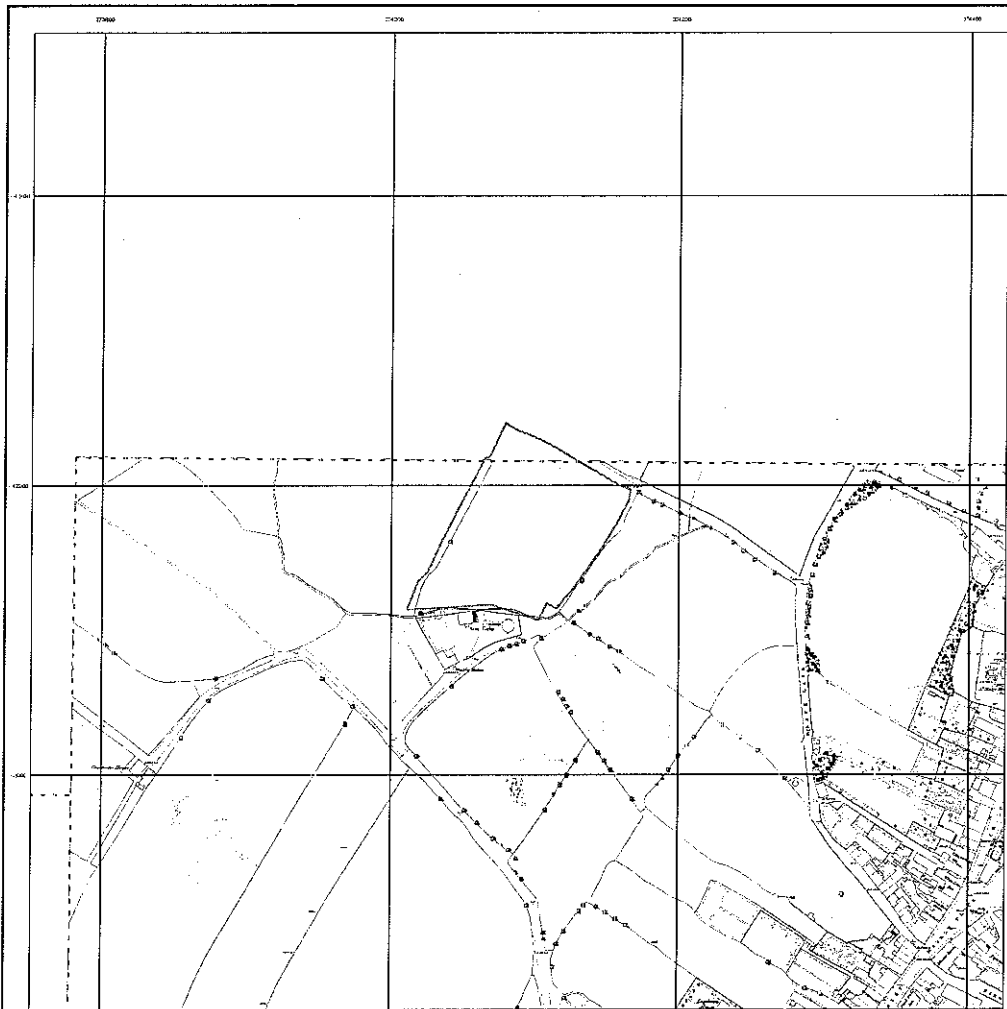
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 Search Buffer (m): 1000

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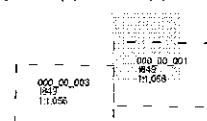
Lancashire And Furness Published 1849

Source map scale - 1:1,056

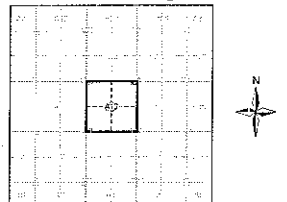
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1843 and was used to survey towns with a population of over 4000, plus county towns of lesser population. In these counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the Ordnance Survey and a 'skeleton' survey of the capital, showing little more than streets, street names, frontages and alluies, 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 1956. 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

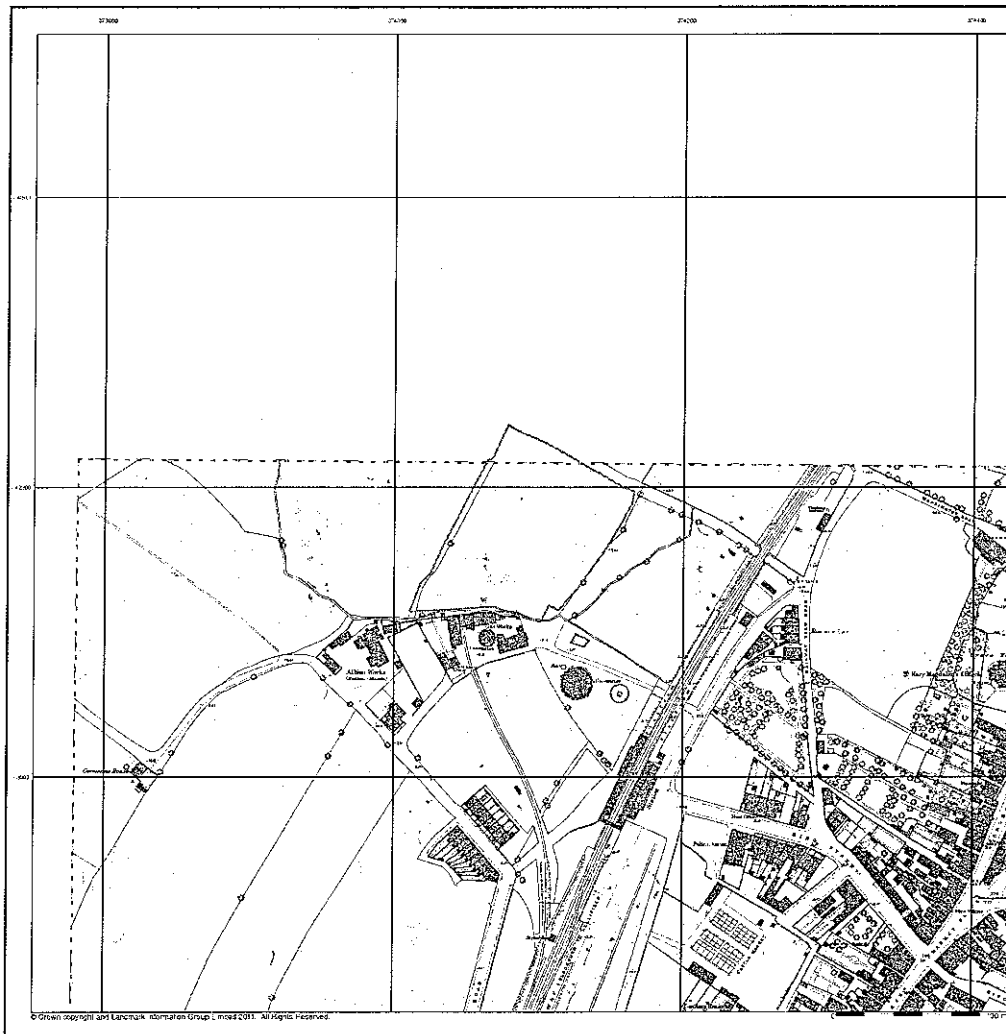
Order Number: 35721469_1_1
Customer Ref: 11CHE037
National Grid Reference: 374080, 442170
Slice: A
Site Area (Ha): 1.19
Search Buffer (m): 0

Site Details

1 Milton Avenue CLITHEROE Lancashire BB7 2HX



Tel: 0344 844 5952
Fax: 0344 844 5951
Web: www.envirocheck.co.uk



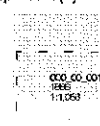
Lancashire And Furness **Published 1886**

Source map scale - 1:1,056

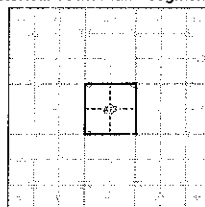
The 1:1056 scale of Ordnance Survey mapping was adopted from 1:2500 in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the Ordnance Survey and a 'skeleton' survey of the capital, showing little more than streets, street names, fortages and villages, was undertaken between 1845 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 1886. 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: 35721489_1_1
 Customer Ref: 11CHE037
 National Grid Reference: 374080, 442170
 Slice: A
 Site Area (Ha): 1.19
 Search Buffer (m): 0

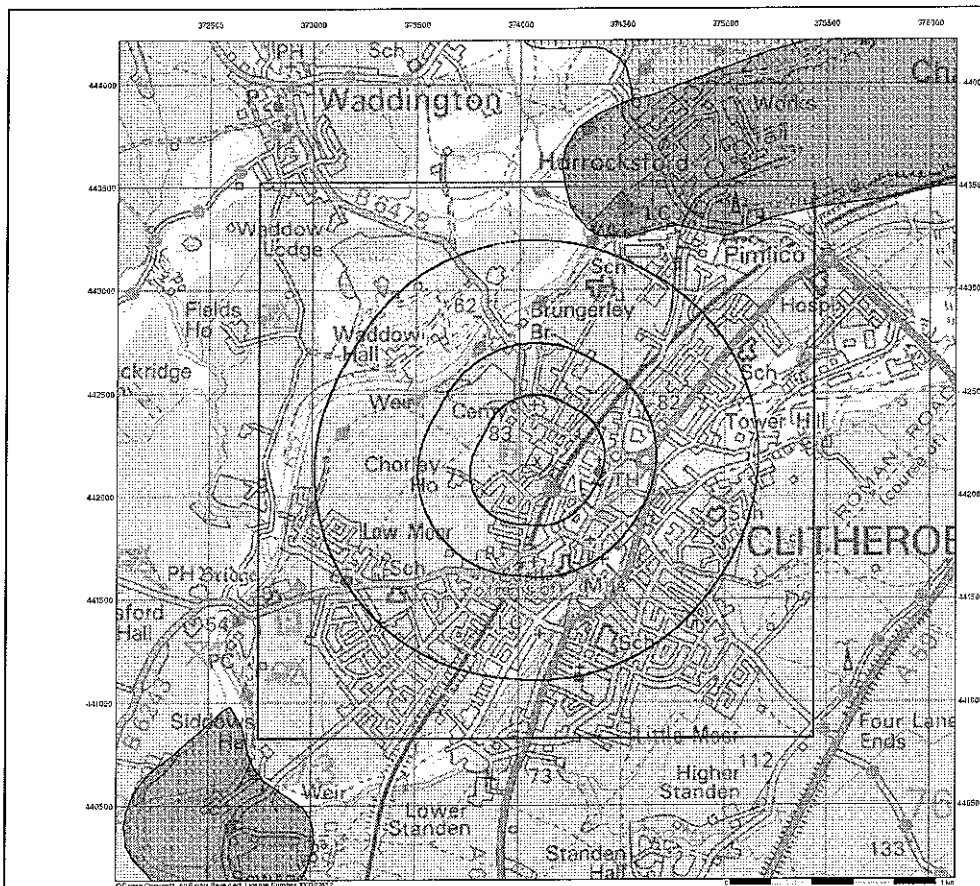
Site Details

1 Milton Avenue CLITHEROE Lancashire, BB7 2HX



Tel: 0344 834 6362
 Fax: 0247 844 3361
 Web: www.landmarkinfo.co.uk

320120861P



Groundwater Vulnerability

General

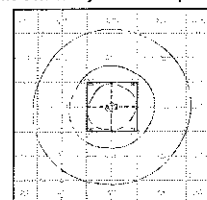
Stationed Site
 Solid Buffer (m)
 Bearing Reference Point
 Slice
 Map ID

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)
 High (H) 1 2 3 U
 Intermediate (I) 1 2
 Low
Minor Aquifer (Variable Permeable)
 High (H) 1 2 3 U
 Intermediate (I) 1 2
 Low
Non Aquifer (Negligibly Permeable)
 Water or Sea
Drift Deposition

Site Sensitivity Context Map - Slice A



Order Details

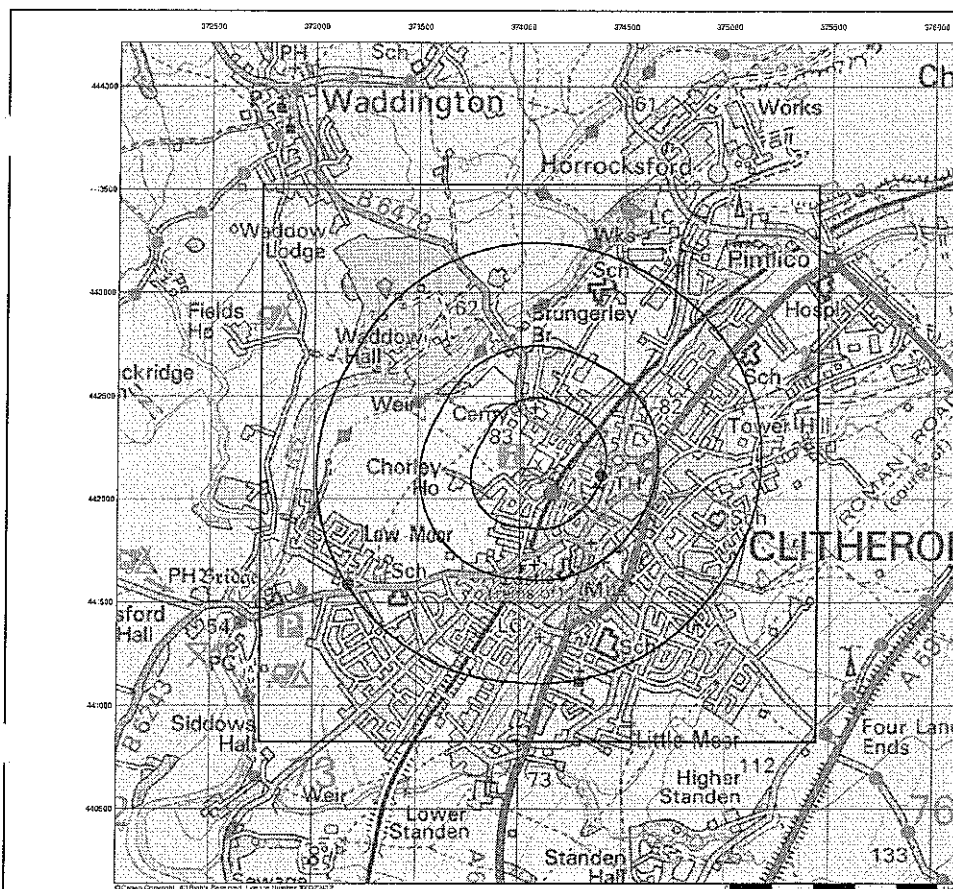
Order Number: 35721463_1.1
 Customer Ref: 11CIE037
 National Grid Reference: 374000, 442170
 Slice: A
 Site Area (Ha): 1.19
 Search Buffer (m): 1000

Site Details

1 Milton Avenue, CLITHEROE Lancashire B67 2HX



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 Fax: 0544 344 1991
 Email: info@landmark.co.uk



Bedrock Aquifer Designation

General

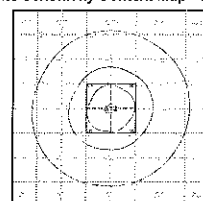
- Sited Site
- Site Buffer
- Sensitive Buffer
- Existing Reference Point

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: 35721469_1_1
 Customer Ref: 11CH5037
 National Grid Reference: 374090, 442170
 Slice: A
 Site Area (Ha): 1.19
 Search Buffer (m): 1000

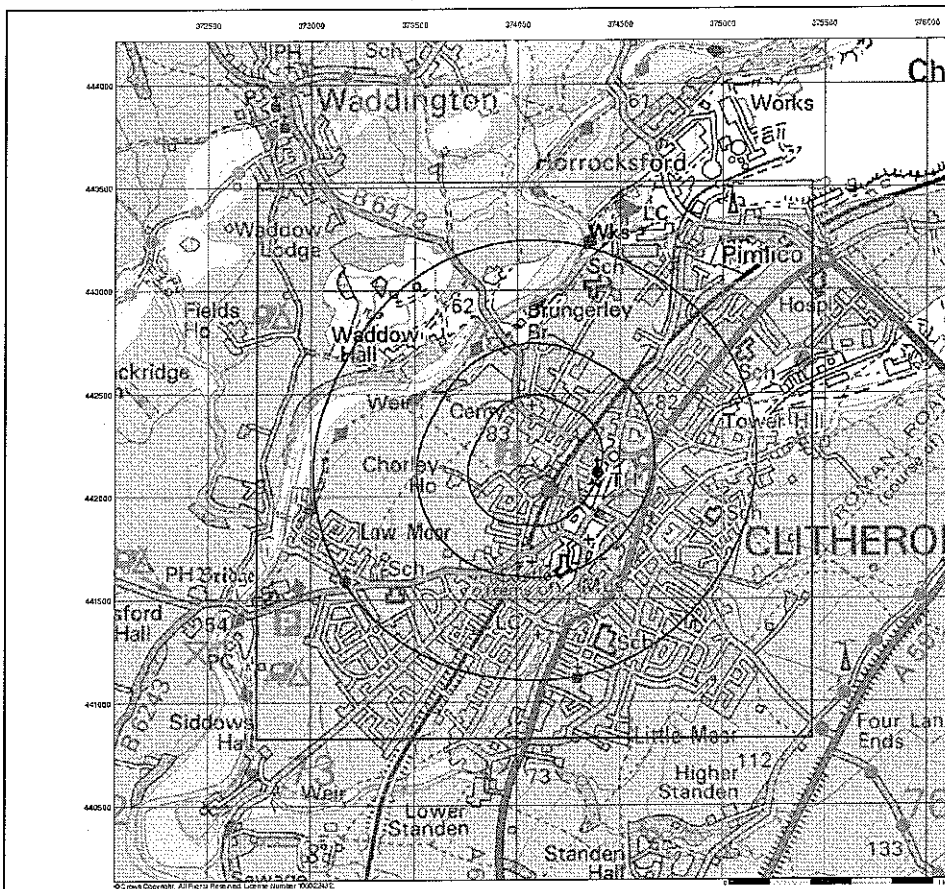
Site Details

1 Milton Avenue, CLITHEROE, Lancashire, BB7 2HX



Tel: 0544 544 5522
 Fax: 0544 544 5521
 Email: sales@landmark.co.uk

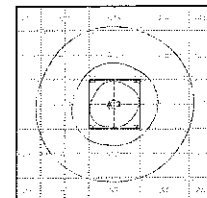
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Superficial Aquifer Designation

- General**
- Specified Site
 - Site of Special Interest
 - Beating Reference Point
 - Site
 - W.D.D.
- 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

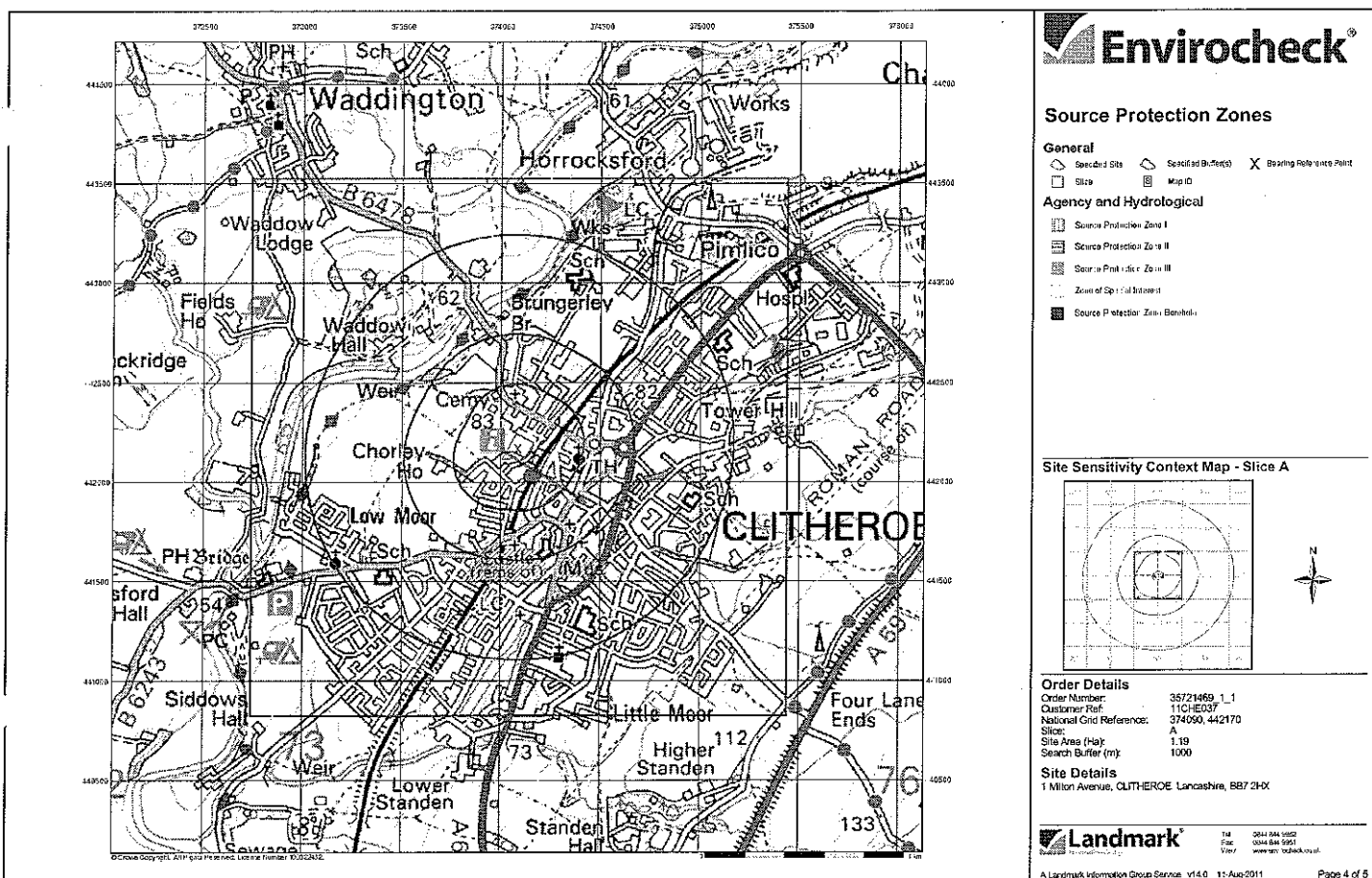
Order Number: 35721469_1.1
 Customer Ref: 11CHE037
 National Grid Reference: 374090, 442170
 Slice: A
 Site Area (Ha): 1.19
 Search Buffer (m): 1000

Site Details

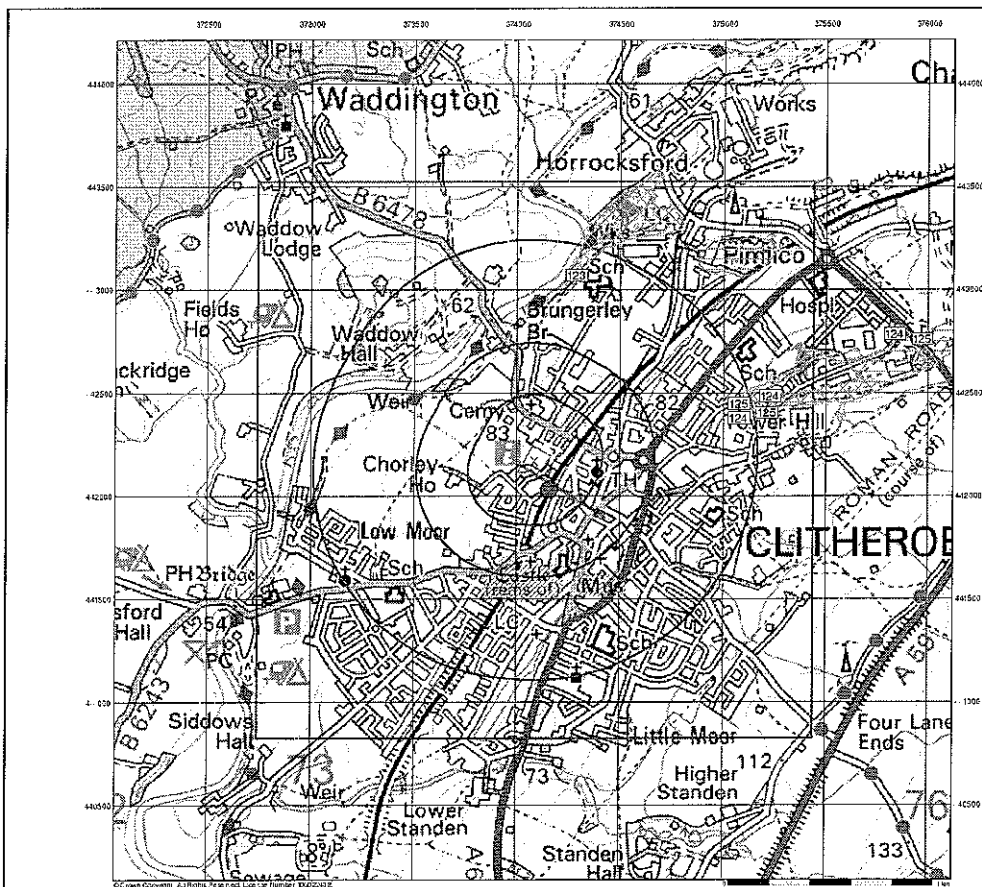
1 Milton Avenue, CLITHEROE, Lancashire, BB7 2HX



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 Fax: 0161 264 1001
 Web: www.landmark.co.uk



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Sensitive Land Uses

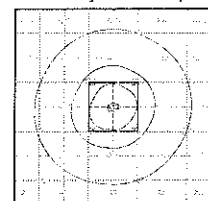
General

- Specified Site
- Site
- Spilled Bluff (S)
- Map ID
- Building Reference Point

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
- Mature Nature Reserve
- National Nature Reserve
- Nature Park
- Nature Sensitive Area
- Nature Vulnerable Zone
- Rural Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice A



Order Details

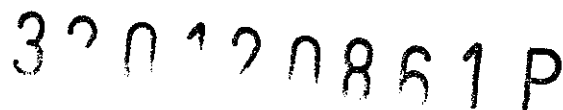
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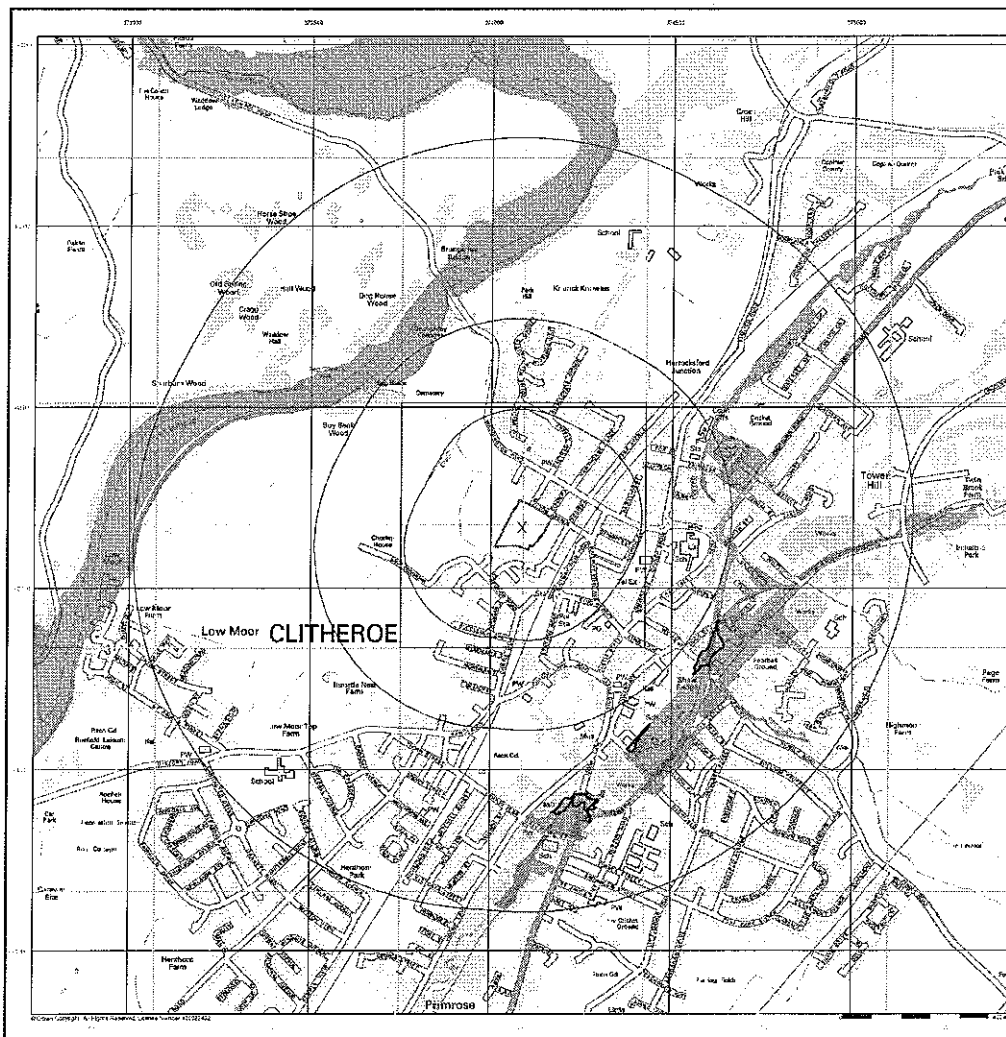
Site Details

1 Milton Avenue, CLITHEROE, Lancashire BB7 2HX



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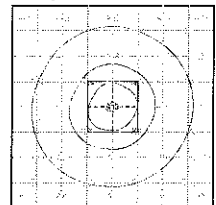
General

- Specified Site
- Specified Outfall
- X Design Reference Point

Agency and Hydrological (Flood)

- Flood Zone 1: Rivers & Sea without Defences (Zone 1)
- Flood Zone 2: Rivers & Sea without Defences (Zone 2)
- Flood Zone 3: Rivers & Sea without Defences (Zone 3)
- Flood Zone 4: Rivers & Sea without Defences (Zone 4)
- Flood Zone 5: Rivers & Sea without Defences (Zone 5)
- Flood Defence

Flood Map - Slice A



Order Details

Order Number: 35721469_1_1
 Customer Ref: 11CHE037
 National Grid Reference: 374090, 442170
 Slice: A
 Site Area (Ha): 1.19
 Search Buffer (m): 1000

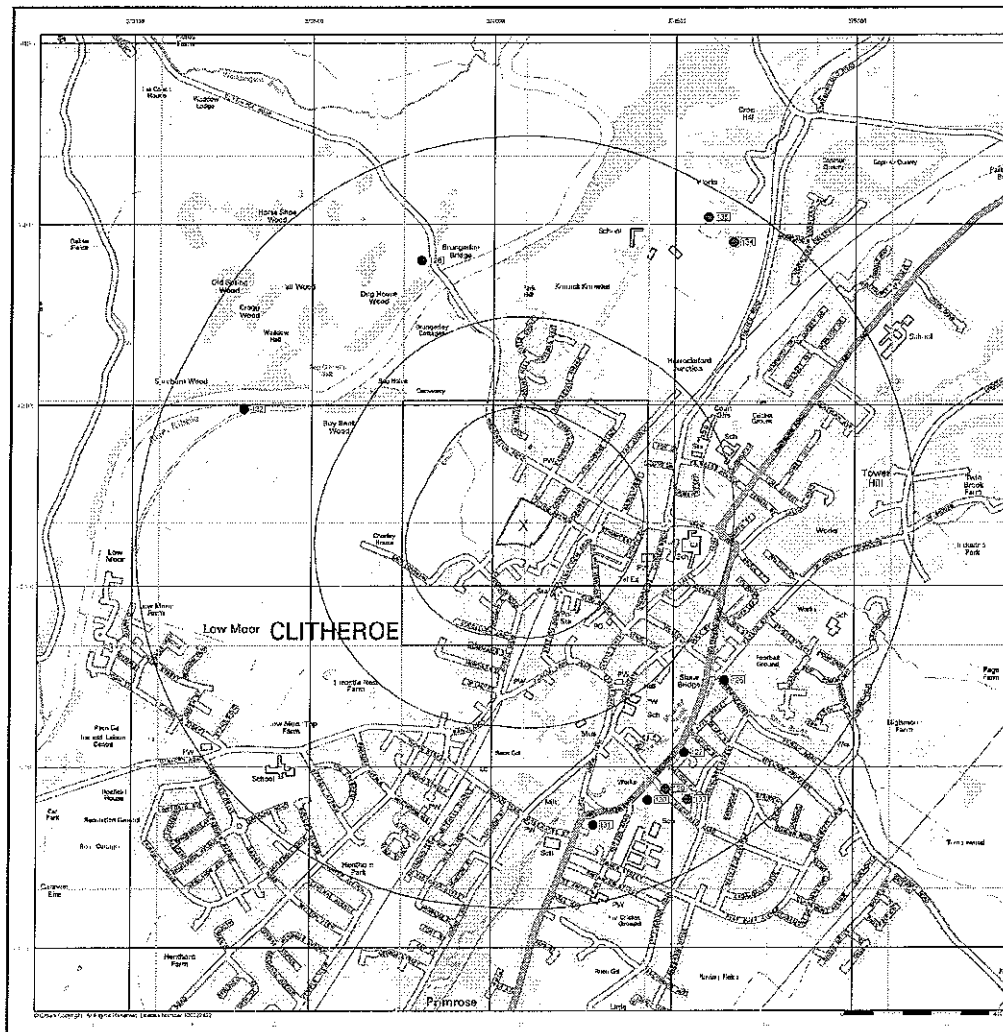
Site Details

1 Milton Avenue CLITHEROE Lancashire BB7 2HX



Tel: 01462 864 992
 Fax: 01462 864 991
 Web: www.envirocheck.co.uk

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General

- Specified SS
- Specified Borehole
- X Borehole Reference No.
- Map ID
- Sheet 6 - 1:10,000 Scale

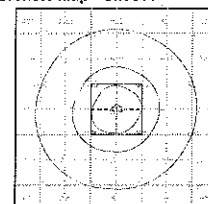
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confirmed
- 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

Borehole Map - Slice A



Order Details

Order Number: 35721469_1_1
 Customer Ref: 11CLHE037
 National Grid Reference: 374090, 442170
 Slice: A
 Site Area (Ha): 1.19
 Search Buffer (m): 1000

Site Details

1 Milton Avenue, CLITHEROE, Lancashire, BB7 2HX



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 Web: www.envirocheck.co.uk

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
	TLLD	Till, Devensian	Diamicton	Devensian - Devensian
	HMDDO	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

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	Chalburn Limestone Formation	Limestone	Chadian - Courcousian
		Faults		



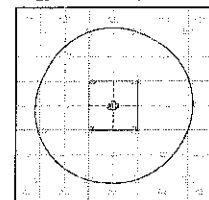
Geology 1:50,000 Maps

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 landslide 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:	008
Map Name:	CLITH - 100
Map Date:	1992
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Available
Landslides:	Available
Rock Pages:	Not c

Geology 1:50,000 Maps - Slice A



Order Details:

Order Number: 35721469 1.1
 Customer Reference: 11CHE037
 National Grid Reference: 374090, 442170
 Slice: A
 Site Area (ha): 1.19
 Search Buffer (m): 1000

Site Details:

1 Milton Avenue, CLITHEROE Lancashire, B57 2HX

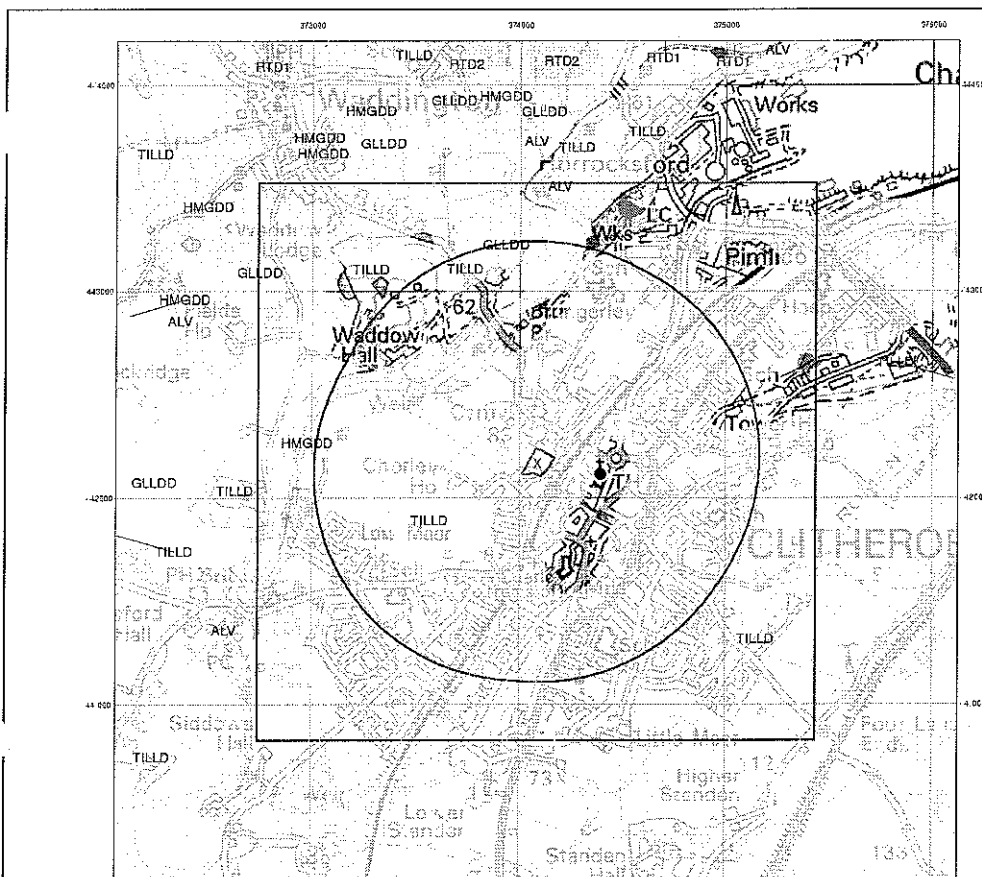


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320120861P



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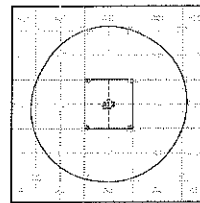
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

Order Number: 35721469_1.1
Customer Reference: 11CH0037
National Grid Reference: 374050, 442170
Site: A
Site Area (Hekt): 1.19
Search Buffer (m): 1000

Site Details:

1 Milton Avenue, CLITHEROE, Lancashire, BB7 2HX

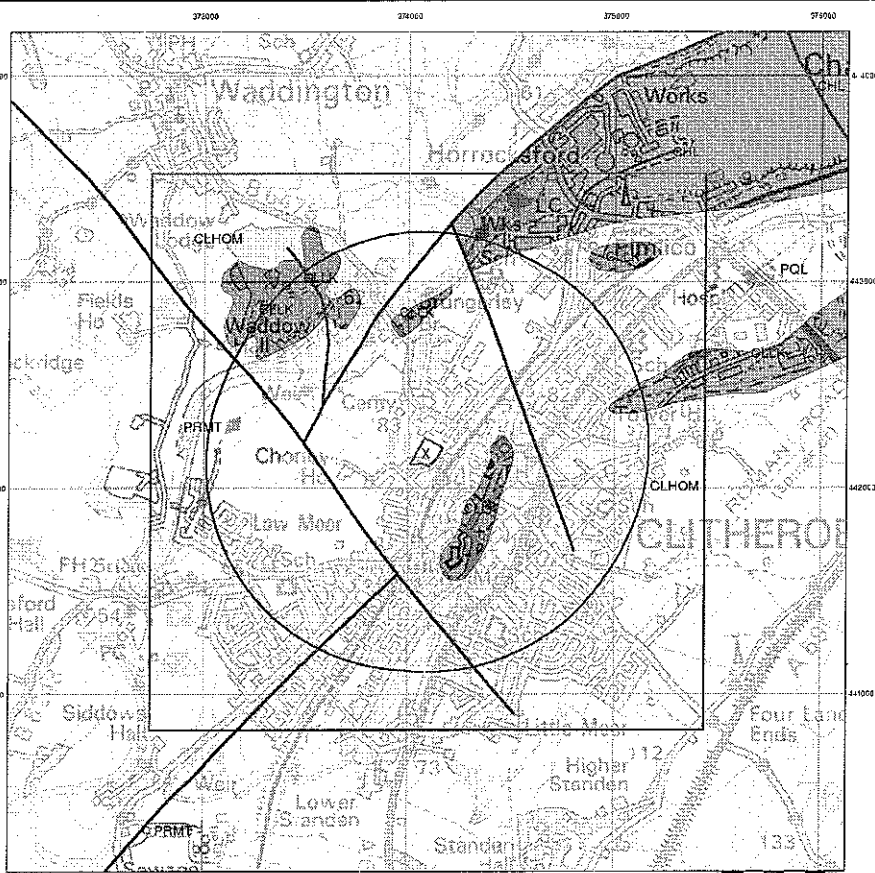


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Bedrock and Faults

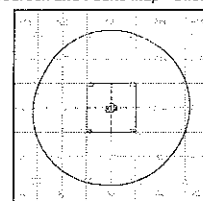
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

Order Number: 35721469_1_1
Customer Reference: 110216037
National Grid Reference: 374950, 442170
Slice: A
Site Area (Ha): 1.19
Search Buffer (m): 1000

Site Details:

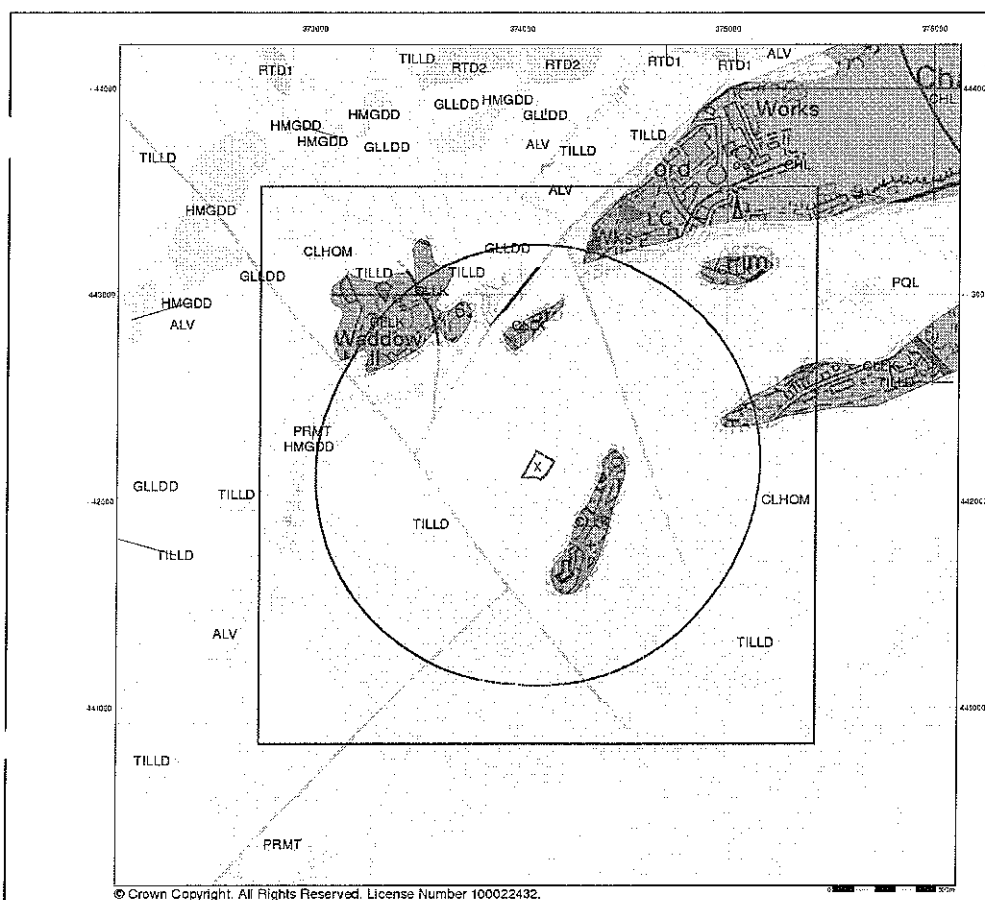
1 Milon Avenue, CLITHEROE Lancashire BB7 2HX



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Combined Surface Geology

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

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

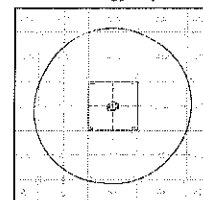
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 35721469_1_1
 Customer Reference: 11CHE037
 National Grid Reference: 374080, 442170
 Size: A
 Site Area (Ha): 1.19
 Search Buffer (m): 1000

Site Details:

1 Milton Avenue, CLITHEROE Lancashire, BB7 2JX



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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

35721469_1_1

Customer Reference:

11CHE037

National Grid Reference:

374090, 442170

Slice:

A

Site Area (Ha):

1.19

Search Buffer (m):

1000

Site Details:

1 Milton Avenue

CLITHEROE

Lancashire

BB7 2HX

Client Details:

Mr M Fawcett

Betts Geo Environmental

Old Marsh Farm Barns

Welsh Road

Sealand

Flintshire

CH5 2LY

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	20
Hazardous Substances	-
Geological	21
Industrial Land Use	23
Sensitive Land Use	32
Data Currency	33
Data Suppliers	37
Useful Contacts	38

320120861 P

Introduction

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

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

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Peter Brett Associates Copyright Notice

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)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			2	3
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			5	8
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 4		3	10	45
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 13				3
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 14			1	
Substantiated Pollution Incident Register	pg 14			1	3
Water Abstractions	pg 15				5 (*10)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 18	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 19	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 20				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)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 21			1	3
BGS 1:625 000 Solid Geology	pg 21	Yes	n/a	n/a	n/a
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 21	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 22	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 22	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 23		4	22	65
Fuel Station Entries	pg 30			2	2

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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 32				2
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 32				1
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents 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 Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SW (N)	446	1	373990 442680
1	Discharge Consents 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 Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A18SW (N)	446	1	373990 442680
2	Discharge Consents 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: 01la1795 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 Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	631	1	373500 442500
3	Discharge Consents Operator: I.C.I. Chemicals & 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 Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	823	1	374600 442895

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: 3m Neotechnic Limited Property Type: Sewage Disposal Works - Other Location: 3m Neotechnic Ltd, Up Brooks, Clitheroe Lancashire Authority: Environment Agency North West Region Catchment Area: Mearley Brook Reference: 017190651 Permit Version: 1 Effective Date: 10th January 2000 Issued Date: 10th January 2000 Revocation Date: 28th September 2005 Discharge Type: Trade Discharges - Cooling Water Discharge: Drain Environment: Receiving Water: Mearley Brook (Surface Drain) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A15NW (E)	955	1	375120 442200
5	Local Authority Pollution Prevention and Controls 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 Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	358	2	374370 441865
6	Local Authority Pollution Prevention and Controls 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: Permitted Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	406	2	374465 441905
7	Local Authority Pollution Prevention and Controls Name: Ian Boocock Location: Unit 4 & 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: Authorised Positional Accuracy: Manually positioned to the address or location	A14SW (E)	475	2	374605 442013
8	Local Authority Pollution Prevention and Controls Name: Harrison & 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: Permitted Positional Accuracy: Manually positioned to the address or location	A14NW (E)	493	2	374658 442204
8	Local Authority Pollution Prevention and Controls 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: Permitted Positional Accuracy: Automatically positioned to the address	A14SW (E)	494	2	374658 442158
9	Local Authority Pollution Prevention and Controls Name: David Ellis & 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: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A8NW (S)	588	2	373832 441554

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Local Authority Pollution Prevention and Controls 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: Authorisation revokedRevoked Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	658	2	374289 441477
10	Local Authority Pollution Prevention and Controls 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: Authorisation revokedRevoked Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	660	2	374287 441474
11	Local Authority Pollution Prevention and Controls 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 Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A14SE (E)	679	2	374803 441959
12	Local Authority Pollution Prevention and Controls 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 Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address	A8SE (S)	696	2	374372 441466
13	Local Authority Pollution Prevention and Controls 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 Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A14SE (E)	791	2	374942 442049
14	Local Authority Pollution Prevention and Controls 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 Status: Permitted Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	978	2	374612 443067
15	Local Authority Pollution Prevention and Controls Name: Steadplan Location: Lincoln Way, Clitheroe, BB7 Authority: Ribble Valley Borough Council Environmental Health Department Permit Reference: PPC/48/05 Dated: 24th June 2005 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A15NW (E)	997	2	375155 442315
	Nearest Surface Water Feature	A13SW (SW)	48	-	373964 442109

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Pollution Incidents to Controlled Waters 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	A13SW (W)	112	1	373900 442100
16	Pollution Incidents to Controlled Waters 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	A13SW (W)	113	1	373900 442095
17	Pollution Incidents to Controlled Waters 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	A13NE (NE)	244	1	374300 442400
18	Pollution Incidents to Controlled Waters 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	A13SE (SE)	285	1	374300 441900
19	Pollution Incidents to Controlled Waters 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)	350	1	374500 442300
20	Pollution Incidents to Controlled Waters 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 (NE)	389	1	374500 442395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters 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 (NE)	391	1	374500 442400
21	Pollution Incidents to Controlled Waters 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	A14NW (E)	446	1	374600 442295
21	Pollution Incidents to Controlled Waters 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	A14NW (E)	447	1	374600 442300
21	Pollution Incidents to Controlled Waters 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	A14NW (E)	450	1	374605 442295
22	Pollution Incidents to Controlled Waters 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	A18SW (N)	464	1	374000 442700
23	Pollution Incidents to Controlled Waters 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	A14SW (E)	475	1	374600 442000

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Pollution Incidents to Controlled Waters 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)	498	1	374500 441800
24	Pollution Incidents to Controlled Waters 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)	502	1	374500 441795
24	Pollution Incidents to Controlled Waters 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)	506	1	374505 441795
25	Pollution Incidents to Controlled Waters 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)	507	1	374100 441800
26	Pollution Incidents to Controlled Waters 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	A14SW (SE)	524	1	374600 441895
27	Pollution Incidents to Controlled Waters 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	A14SW (E)	543	1	374700 442100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Pollution Incidents to Controlled Waters 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)	567	1	374500 441700
29	Pollution Incidents to Controlled Waters 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	A14SW (E)	568	1	374700 442000
29	Pollution Incidents to Controlled Waters 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	A14SW (E)	570	1	374700 441995
29	Pollution Incidents to Controlled Waters 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	A14SW (E)	573	1	374705 442000
29	Pollution Incidents to Controlled Waters 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	A14SW (E)	575	1	374705 441995
30	Pollution Incidents to Controlled Waters 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	A14NW (E)	572	1	374700 442400

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Pollution Incidents to Controlled Waters 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	A9NW (SE)	577	1	374600 441800
31	Pollution Incidents to Controlled Waters 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	A9NW (SE)	578	1	374605 441805
31	Pollution Incidents to Controlled Waters 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	A9NW (SE)	580	1	374600 441795
31	Pollution Incidents to Controlled Waters 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	A9NW (SE)	581	1	374605 441800
31	Pollution Incidents to Controlled Waters 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	A9NW (SE)	584	1	374605 441795
32	Pollution Incidents to Controlled Waters 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	A14NW (NE)	612	1	374700 442495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Pollution Incidents to Controlled Waters 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	A14NW (NE)	615	1	374700 442500
33	Pollution Incidents to Controlled Waters 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 (NW)	618	1	373800 442795
33	Pollution Incidents to Controlled Waters 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 (NW)	623	1	373800 442800
34	Pollution Incidents to Controlled Waters 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	A9NW (SE)	639	1	374600 441700
35	Pollution Incidents to Controlled Waters 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)	644	1	374500 441600
36	Pollution Incidents to Controlled Waters 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)	664	1	374800 442000

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Pollution Incidents to Controlled Waters 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	A18NW (N)	675	1	373905 442895
37	Pollution Incidents to Controlled Waters 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	A18NW (N)	676	1	373900 442895
37	Pollution Incidents to Controlled Waters 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	A18NW (N)	679	1	373905 442900
37	Pollution Incidents to Controlled Waters 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	A18NW (N)	681	1	373900 442900
38	Pollution Incidents to Controlled Waters 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	A18NE (N)	693	1	374300 442900
39	Pollution Incidents to Controlled Waters 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	A9NW (SE)	709	1	374800 441600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	Pollution Incidents to Controlled Waters 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)	714	1	373800 442900
41	Pollution Incidents to Controlled Waters 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	A8SE (S)	714	1	374200 441400
41	Pollution Incidents to Controlled Waters 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	A8SE (S)	719	1	374200 441395
42	Pollution Incidents to Controlled Waters 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	A12NW (NW)	719	1	373400 442500
43	Pollution Incidents to Controlled Waters 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	A14SE (E)	760	1	374900 442000
44	Pollution Incidents to Controlled Waters 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	A8SE (S)	768	1	374400 441400

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Pollution Incidents to Controlled Waters 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	A8SE (S)	818	1	374200 441295
45	Pollution Incidents to Controlled Waters 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	A8SE (S)	819	1	374205 441295
46	Pollution Incidents to Controlled Waters 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	A19NW (NE)	827	1	374600 442900
47	Pollution Incidents to Controlled Waters 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)	872	1	374800 442795
47	Pollution Incidents to Controlled Waters 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)	876	1	374800 442800
48	Pollution Incidents to Controlled Waters 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	A14NE (E)	889	1	375001 442501

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Pollution Incidents to Controlled Waters 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	A8SE (S)	913	1	374200 441200
50	Pollution Incidents to Controlled Waters Property Type: Manufacturing: Other Manufacturing Location: Mearley Brook, Salthill, CLITHEROE, Lancashire Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Oils: Mixed / Unidentified / Waste Note: Not Supplied Incident Date: 14th October 1999 Incident Reference: 33372 Catchment Area: River Ribble (Long Gill) Receiving Water: River Stretch (Freshwater) Cause of Incident: Human Actions : Management Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A14NE (E)	935	1	375100 442200
51	Pollution Incidents to Controlled Waters 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: Mearley Brook Tributary Incident Date: 3rd July 1993 Incident Reference: 93340057 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)	937	1	374900 441600
52	Pollution Incidents to Controlled Waters 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	A7SE (S)	966	1	373700 441200
	River Quality Name: Pimlico Bk GQA Grade: River Quality A Reach: Qsl At Chatburn I E To Mearley Bk Estimated Distance 2.7 (km): Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14SW (E)	504	1	374628 441986
	River Quality Name: Ribble GQA Grade: River Quality B Reach: Stock Beck To Clitheroe Stw Estimated Distance 19.1 (km): Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A17SE (NW)	543	1	373641 442565

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Mearley Bk GQA Grade: River Quality B Reach: Qsl At Tower Hill To Ribble Estimated Distance 3.9 (km): Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A14SW (SE)	589	1	374652 441854
53	River Quality Chemistry Sampling Points 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	A14NW (E)	441	1	374583 442339
54	Substantiated Pollution Incident Register 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	A18SW (N)	468	1	373961 442696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Substantiated Pollution Incident Register 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	A18SW (N)	561	1	373882 442768
55	Substantiated Pollution Incident Register 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	A18SW (N)	594	1	373870 442799
56	Substantiated Pollution Incident Register 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	A9NW (SE)	627	1	374606 441726
57	Water Abstractions 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	A14SW (E)	562	1	374695 442005
57	Water Abstractions 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	A14SW (E)	567	1	374700 442005
58	Water Abstractions 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	A8SE (S)	813	1	374200 441300

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Water Abstractions 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)	907	1	374100 441200
59	Water Abstractions 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)	907	1	374100 441200
	Water Abstractions 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)	1331	1	373800 440800
	Water Abstractions 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)	1331	1	373800 440800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions 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	A3SW (S)	1411	1	374000 440700
	Water Abstractions 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	A3SW (S)	1411	1	374000 440700
	Water Abstractions 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	A3SW (S)	1519	1	373900 440600
	Water Abstractions 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	A3SW (S)	1519	1	373900 440600

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions 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)	1587	1	375200 443400
	Water Abstractions 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)	1587	1	375200 443400
	Water Abstractions 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)	1587	1	375200 443400
	Water Abstractions 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	A20SE (E)	1637	1	375720 442710
	Groundwater Vulnerability 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	A13SW (W)	0	1	374085 442167

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Drift Deposits 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	A13SW (W)	0	1	374085 442167
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (W)	0	3	374085 442167
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (W)	0	3	374085 442167
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Historical Landfill Sites 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	A14NW (NE)	505	1	374579 442487
61	Historical Landfill Sites 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	A11SE (W)	950	1	373063 442168
	Local Authority Landfill Coverage Name: Ribble Valley Borough Council - Had landfill data but passed it to the relevant environment agency		0	2	374085 442167
	Local Authority Landfill Coverage Name: Lancashire County Council - Had landfill data but passed it to the relevant environment agency		0	5	374085 442167

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	BGS Recorded Mineral Sites Site Name: Knuck Knowles Location: Clitheroe, Lancashire Source: British Geological Survey National Geoscience Information Service Reference: 92323 Type: Opencast Status: Ceased 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	A18SW (N)	490	3	374011 442728
63	BGS Recorded Mineral Sites Site Name: Brungerley Location: Waddington, Clitheroe, Lancashire Source: British Geological Survey National Geoscience Information Service Reference: 92322 Type: Opencast Status: Ceased 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)	717	3	373819 442911
64	BGS Recorded Mineral Sites Site Name: Brungerley Location: Waddington, Clitheroe, Lancashire Source: British Geological Survey National Geoscience Information Service Reference: 92321 Type: Opencast Status: Ceased 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)	864	3	373935 443095
65	BGS Recorded Mineral Sites Site Name: Tower Hill Location: Clitheroe, Lancashire Source: British Geological Survey National Geoscience Information Service Reference: 92505 Type: Opencast Status: Ceased 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	A14NE (E)	919	3	375051 442441
	BGS 1:625,000 Solid Geology Description: Tournaisian and Visean (Carboniferous Limestone Series)	A13SW (W)	0	3	374085 442167
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	374085 442167
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	374085 442167
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	374085 442167
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	374085 442167

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	207	3	374342 442068
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	235	3	374357 442039
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	374085 442167
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	207	3	374342 442068
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	235	3	374357 442039
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	374085 442167
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	207	3	374342 442068
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	374085 442167
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	235	3	374357 442039
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	374085 442167
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	3	374085 442167

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	Contemporary Trade Directory Entries Name: T & J Haulage Location: Swan Meadow Clitheroe Lancashire BB7 2BS Classification: Road Haulage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	118	-	373933 442026
67	Contemporary Trade Directory Entries Name: Primrose Dairy Location: Railway View Road Clitheroe Lancashire BB7 2HE Classification: Dairies Status: Active Positional Accuracy: Automatically positioned in the proximity of the address	A13SE (E)	141	-	374298 442147
68	Contemporary Trade Directory Entries Name: B M Shearer Ltd Location: Railway View Avenue Clitheroe Lancashire BB7 2HA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	199	-	374319 442058
69	Contemporary Trade Directory Entries Name: Locoste Trading Location: Abbey Works Back King St Clitheroe Lancashire BB7 2ET Classification: T-Shirts Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	233	-	374286 441958
70	Contemporary Trade Directory Entries Name: Hawthorne Trading Location: 27, Hawthorne Place, Clitheroe, Lancashire, BB7 2HU Classification: Food Colouring Flavours & Additive Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	278	-	374313 442432
71	Contemporary Trade Directory Entries Name: The Tyremen Location: 28 Parson La, Clitheroe Lancashire BB7 2JP Classification: Mot Testing Centres Status: Active Positional Accuracy: Manually positioned to the address or location	A8NE (S)	320	-	374202 441804
72	Contemporary Trade Directory Entries Name: Jag Communications Location: 33, Castle Street, Clitheroe, Lancashire BB7 2BT Classification: Mobile Phone Accessories and Car Kits Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	343	-	374333 441852
72	Contemporary Trade Directory Entries Name: Johnson Cleaners (UK) Ltd Location: 40, Castle Street Clitheroe Lancashire BB7 2BX Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	360	-	374373 441865
73	Contemporary Trade Directory Entries Name: Suppression Devices Location: 8, York Street, Clitheroe, Lancashire, BB7 2DL Classification: Electronic Component Manufacturers & Distributors Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	390	-	374491 441974
73	Contemporary Trade Directory Entries Name: Central Garage Location: Back York Street Clitheroe Lancashire BB7 2DW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	430	-	374514 441936
73	Contemporary Trade Directory Entries Name: The Jenny Press Location: Back York Street Clitheroe Lancashire BB7 2DW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	430	-	374514 441936
74	Contemporary Trade Directory Entries Name: Clitheroe Dry Cleaners Ltd Location: 23, Wellgate, Clitheroe Lancashire BB7 2DP Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	406	-	374465 441905

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	Contemporary Trade Directory Entries Name: King Lane Garage Location: Unit 1 Wellgate Court, Wellgate Clitheroe Lancashire BB7 2DS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	409	-	374440 441869
74	Contemporary Trade Directory Entries Name: Djp Domestic Appliances Ltd Location: 1-3, The Arcade, King Lane, Clitheroe, Lancashire BB7 1AA Classification: Washing Machines - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	409	-	374430 441856
74	Contemporary Trade Directory Entries Name: M J Cars Sales Location: Wellgate Garage Wellgate Yard, Wellgate Clitheroe Lancashire BB7 2DP Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	452	-	374482 441851
75	Contemporary Trade Directory Entries Name: Ribble Valley Ironing Service Location: 2, Causeway Croft Clitheroe Lancashire BB7 2BP Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	425	-	374587 442249
76	Contemporary Trade Directory Entries Name: Affordable Mobility Location: 40-42, York Street, Clitheroe, Lancashire BB7 2DL Classification: Disability Equipment - Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	460	-	374609 442074
76	Contemporary Trade Directory Entries Name: Latest Flames Location: 42, York Street, Clitheroe, Lancashire BB7 2DL Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	460	-	374609 442074
76	Contemporary Trade Directory Entries Name: W Southworth & Son Location: 40-42, York Street Clitheroe Lancashire BB7 2DL Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	466	-	374614 442067
76	Contemporary Trade Directory Entries Name: Perrys Location: Waterloo Road Clitheroe, Lancashire BB7 1NS Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	476	-	374621 442053
77	Contemporary Trade Directory Entries Name: County Motor Group Ltd Location: Unit 5, Albion Court Waterloo Road Clitheroe Lancashire BB7 1NS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	475	-	374607 442016
77	Contemporary Trade Directory Entries Name: Clitheroe Exhaust Centre Location: Unit 1, Albion Court, Waterloo Road Clitheroe Lancashire BB7 1NS Classification: Exhaust & Shock Absorber Centres Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	479	-	374600 441991
77	Contemporary Trade Directory Entries Name: Zaust Com Location: Unit 3, Albion Ct, Waterloo Rd, Clitheroe, Lancashire BB7 1NS Classification: Exhaust System Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (E)	483	-	374608 441998
78	Contemporary Trade Directory Entries Name: Tesco Petrol Filling Station Location: Duck Street, Clitheroe Lancashire BB7 1LP Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	482	-	374563 441917

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	Contemporary Trade Directory Entries Name: Lappet Manufacturing Co Location: Mount Vale, Lowergate, Clitheroe, Lancashire BB7 1AG Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	489	-	374369 441698
79	Contemporary Trade Directory Entries Name: R F Parker Location: Lowergate Works Lowergate Clitheroe Lancashire BB7 1AD Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	506	-	374360 441672
79	Contemporary Trade Directory Entries Name: The Ironing Maids Location: 120, Lowergate, Clitheroe, Lancashire BB7 1AG Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	522	-	374332 441639
80	Contemporary Trade Directory Entries Name: Magpie Location: 13, Lowergate, Clitheroe, Lancashire BB7 1AD Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	493	-	374518 441831
81	Contemporary Trade Directory Entries Name: Kwik-Fit Location: Waterloo Rd Clitheroe Lancashire BB7 1NS Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (E)	508	-	374644 442023
82	Contemporary Trade Directory Entries Name: Rufus Carr Ltd Location: Bawdlands Garage Bawdlands Clitheroe Lancashire BB7 2LA Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	522	-	373829 441626
83	Contemporary Trade Directory Entries Name: Arbory Group Ltd Location: Unit 3 North St, Clitheroe, Lancashire BB7 1PG Classification: Glass Fibre Manufacturers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A14SW (E)	524	-	374689 442167
83	Contemporary Trade Directory Entries Name: Park Garage Location: North Street, Clitheroe Lancashire BB7 1PG Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	531	-	374697 442188
83	Contemporary Trade Directory Entries Name: L I P Harrison Location: North Street, Clitheroe, Lancashire BB7 1PG Classification: Lighting Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	554	-	374719 442205
84	Contemporary Trade Directory Entries Name: Lightworks Location: 122, Lowergate, CLITHEROE Lancashire BB7 1AG Classification: Leaded Lights & Windows Status: Active Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	526	-	374327 441632
84	Contemporary Trade Directory Entries Name: Folkswaggon Location: 2 Lowergate Works, Lowergate Clitheroe Lancashire BB7 1AD Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	535	-	374338 441627
84	Contemporary Trade Directory Entries Name: Best Wishes Location: 37-39, Moor Lane, Clitheroe, Lancashire BB7 1BE Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	535	-	374326 441622

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Contemporary Trade Directory Entries Name: Careclean Location: Waterloo Mill, Waterloo Road, Clitheroe Lancashire BB7 1LR Classification: Cleaning Materials & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	545	-	374651 441945
85	Contemporary Trade Directory Entries Name: Alan Richards Location: Waterloo Road, Clitheroe, Lancashire BB7 1LR Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	545	-	374651 441945
85	Contemporary Trade Directory Entries Name: Club Bus Location: River Lea Gdns, Clitheroe Lancashire BB7 1QQ Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (SE)	586	-	374683 441918
86	Contemporary Trade Directory Entries Name: Pimlico Location: 88 Pimlico Road, Clitheroe, Lancashire, BB7 2AH Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	551	-	374611 442521
87	Contemporary Trade Directory Entries Name: Powerclean Location: Unit 24, Deanfield Court Link 59 Business Park CLITHEROE Lancashire BB7 1QS Classification: Blast Cleaning Status: Active Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	583	-	374480 441662
88	Contemporary Trade Directory Entries Name: Ais Euromaster Ltd Location: Salthill Road Clitheroe Lancashire BB7 1NU Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	586	-	374751 442183
88	Contemporary Trade Directory Entries Name: Halls Feed Supplies Location: A, 2, Salthill Road Clitheroe Lancashire BB7 1NU Classification: Pet Foods & Animal Feeds Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	587	-	374749 442140
89	Contemporary Trade Directory Entries Name: Woodfellas Location: The Workshop, 15 Kendal St, Clitheroe, Lancashire BB7 1PA Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (E)	588	-	374753 442222
89	Contemporary Trade Directory Entries Name: Kendal Street Garage Location: 13 Kendal St, Clitheroe Lancashire BB7 1PA Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A14NW (E)	595	-	374760 442217
89	Contemporary Trade Directory Entries Name: Paramount Fasteners Location: 10-11, Kendal Street Clitheroe Lancashire BB7 1PA Classification: Nuts, Bolts & Fixings Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	601	-	374766 442231
89	Contemporary Trade Directory Entries Name: C S B Motor Services Location: Capernaum Kendal Street Clitheroe Lancashire BB7 1PA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	609	-	374773 442226

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Contemporary Trade Directory Entries Name: C.G W Garage Services Location: The Work Shop, 15. Kendal Street Clitheroe Lancashire BB7 1PA Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A14NE (E)	615	-	374780 442219
90	Contemporary Trade Directory Entries Name: Clean & Sparkle Location: 10, Walker Street, Clitheroe, Lancashire. BB7 1NN Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	604	-	374656 441835
91	Contemporary Trade Directory Entries Name: David Ellis Location: Thorn St, Clitheroe Lancashire BB7 2LJ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	605	-	373835 441536
92	Contemporary Trade Directory Entries Name: County Sales Location: Flat 1, Shawbridge Court Shaw Bridge Street, Clitheroe Lancashire BB7 1LY Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	613	-	374628 441777
93	Contemporary Trade Directory Entries Name: Pendle Print Ltd Location: 2, Franklin Street Clitheroe Lancashire BB7 1DQ Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	638	-	373904 441486
93	Contemporary Trade Directory Entries Name: D J P Domestic Location: 2 Franklin Street, Clitheroe, Lancashire BB7 1DQ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	638	-	373904 441486
94	Contemporary Trade Directory Entries Name: Gary Wilson Location: Woone Lane, Clitheroe Lancashire BB7 1BG Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	641	-	374230 441479
95	Contemporary Trade Directory Entries Name: Brookside Autobodies Location: Unit 2, Brookside Ind Units Taylor St Clitheroe Lancashire BB7 1NL Classification: Car Body Repairs Status: Active Positional Accuracy: Manually positioned within the geographical locality	A14SW (SE)	657	-	374745 441882
96	Contemporary Trade Directory Entries Name: Smallbone Cars Location: Unit 1, Highfield Road Clitheroe Lancashire BB7 1AQ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	659	-	374442 441543
97	Contemporary Trade Directory Entries Name: The Fire Works Location: Shawbridge Sawmill, Shaw Bridge Street Clitheroe Lancashire BB7 1LY Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	661	-	374612 441680
97	Contemporary Trade Directory Entries Name: Arbex (Gb) Ltd Location: Shawbridge Mill, Unit 2 Shaw Bridge St Clitheroe Lancashire BB7 1LY Classification: Carpets & Rugs - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	661	-	374611 441680
97	Contemporary Trade Directory Entries Name: Planet Contracts Location: 2 Peel St, Clitheroe Lancashire BB7 1NH Classification: Carpets & Rugs - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	666	-	374621 441683

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	Contemporary Trade Directory Entries Name: Snow White Location: 46, Eshton Terrace, Clitheroe Lancashire BB7 1BQ Classification: Laundries & Launderettes Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	663	-	373999 441451
98	Contemporary Trade Directory Entries Name: Lancashire Bulk Location: 46, Eshton Terrace, Clitheroe Lancashire BB7 1BQ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	663	-	373999 441451
98	Contemporary Trade Directory Entries Name: Silverthorn (Uk) Ltd Location: 46, Eshton Terrace, Clitheroe Lancashire BB7 1BQ Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	663	-	373999 441451
99	Contemporary Trade Directory Entries Name: Border Blinds Ltd Location: Old Co-operative Building, Henthorn Road Clitheroe Lancashire BB7 2LD Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	719	-	373723 441456
100	Contemporary Trade Directory Entries Name: Past & Present Location: 22, Whalley Road, Clitheroe Lancashire BB7 1AW Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	735	-	374234 441384
100	Contemporary Trade Directory Entries Name: Jeh S Stores Location: 26 Whalley Road Clitheroe Lancashire BB7 1AW Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	743	-	374232 441376
101	Contemporary Trade Directory Entries Name: Thornber Home & Leisure Ltd Location: Holmes Mill, Greenacre Street Clitheroe Lancashire BB7 1EB Classification: Textile Manufacturing Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	749	-	374128 441359
102	Contemporary Trade Directory Entries Name: J & M Timber Supplies Ltd Location: Upbrooks Sawmill, Taylor Street Clitheroe Lancashire BB7 1NL Classification: Pallets Crates & Packing Cases Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	753	-	374899 442027
103	Contemporary Trade Directory Entries Name: Diesel Doctor Location: Unit 3, Mitchell St. Clitheroe Lancashire BB7 1DF Classification: Diesel Engine Equipment & Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	758	-	373895 441366
104	Contemporary Trade Directory Entries Name: M J Hughes Location: Jubilee Mill, Taylor Street Clitheroe Lancashire BB7 1NL Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	759	-	374875 441925
105	Contemporary Trade Directory Entries Name: John Schofield Location: 5, Wilson Street, Clitheroe Lancashire BB7 1BH Classification: French Polishing Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	763	-	374029 441348
106	Contemporary Trade Directory Entries Name: Greenacre Garage Location: Greenacre Street Clitheroe Lancashire BB7 1ED Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	767	-	374197 441347

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	Contemporary Trade Directory Entries Name: Domestpest Location: 27, West View Clitheroe Lancashire BB7 1DG Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	772	-	373967 441344
108	Contemporary Trade Directory Entries Name: Pressed To Impress Location: 28, Seedall Avenue, Clitheroe, Lancashire. BB7 2LR Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	789	-	373538 441483
109	Contemporary Trade Directory Entries Name: Castle Classic Fireplaces Location: Upbrooks Mill, Taylor Street Clitheroe Lancashire BB7 1NL Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	832	-	374973 441995
109	Contemporary Trade Directory Entries Name: Gee-Co (Precast) Ltd Location: Upbrooks Mill, Taylor Street Clitheroe Lancashire BB7 1NL Classification: Concrete Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	832	-	374973 441995
109	Contemporary Trade Directory Entries Name: M J Hughes Ltd Location: Unit 2 Brookside Industrial Units Taylor Street Clitheroe Lancashire BB7 1NL Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	832	-	374973 441995
110	Contemporary Trade Directory Entries Name: Capri Calvert Electrics Ltd Location: 45-47, Whalley Road, Clitheroe Lancashire BB7 1EE Classification: Electrical Heating Equipment & Systems Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	835	-	374239 441284
110	Contemporary Trade Directory Entries Name: Easy Wash Location: 68-70, Whalley Road, Clitheroe, Lancashire BB7 1EE Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	857	-	374200 441256
111	Contemporary Trade Directory Entries Name: Hargreaves & Coates Ltd Location: Low Moor Top Farm, Edisford Road Clitheroe Lancashire BB7 2LT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	839	-	373346 441604
112	Contemporary Trade Directory Entries Name: J Herd & Sons Ltd Location: 5, Dorset Drive, CLITHEROE Lancashire BB7 2BQ Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	864	-	374854 442718
112	Contemporary Trade Directory Entries Name: Michael Hoyle & Co Ltd Location: 5, Dorset Drive, Clitheroe Lancashire. BB7 2BQ Classification: Agricultural Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	864	-	374854 442718
113	Contemporary Trade Directory Entries Name: Spiroflow Ltd Location: Lincoln Way, Clitheroe Lancashire BB7 1QG Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	884	-	375033 442030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	Contemporary Trade Directory Entries Name: Vantage Clitheroe Location: Edisford Road, Clitheroe Lancashire BB7 2LT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	900	-	373292 441573
114	Contemporary Trade Directory Entries Name: Vantage Clitheroe Location: Edisford Road Clitheroe Lancashire BB7 2LT Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	900	-	373292 441573
114	Contemporary Trade Directory Entries Name: Perrys Location: Edisford Road Clitheroe Lancashire BB7 2LT Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	900	-	373292 441573
115	Contemporary Trade Directory Entries Name: E Jackson Ltd Location: Unit 8/9 Salthill Industrial Estate Lincoln Way Clitheroe Lancashire BB7 1QD Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	937	-	375099 442279
115	Contemporary Trade Directory Entries Name: Warings Fm Location: Unit 8/9 Salthill Industrial Estate Lincoln Way Clitheroe Lancashire BB7 1QD Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	937	-	375099 442279
116	Contemporary Trade Directory Entries Name: 3m Healthcare Ltd Location: Up Brooks Clitheroe Lancashire BB7 1NX Classification: Pharmaceutical Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (E)	959	-	375114 442054
117	Contemporary Trade Directory Entries Name: County Sales (Great Harwood) Co Ltd Location: Pendle Mill Pendle Road, Clitheroe Lancashire BB7 1JQ Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	974	-	374909 441549
117	Contemporary Trade Directory Entries Name: County Sales Location: Pendle Mill, Pendle Road Clitheroe Lancashire BB7 1JQ Classification: Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	974	-	374909 441549
118	Contemporary Trade Directory Entries Name: Inside Track Autos Location: Victoria Street Garage Victoria Street Clitheroe Lancashire BB7 1BL Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	985	-	373761 441162
119	Fuel Station Entries Name: Mrh Roundabout Location: Chatburn Road Clitheroe Lancashire BB7 2AP Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A14SW (E)	494	-	374658 442158
120	Fuel Station Entries Name: Low Moor Garage Location: Edisford Road CLITHEROE Lancashire BB7 2LT Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A7NE (SW)	498	-	373638 441784

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	Fuel Station Entries Name: Greenacre Street Garage Location: Greenacre Street CLITHEROE Lancashire BB7 1ED Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A8SE (S)	672	-	374315 441470
122	Fuel Station Entries Name: Vantage-Network Q Location: Edisford Road CLITHEROE Lancashire BB7 2LT Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A7NW (SW)	826	-	373307 441682

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	Local Nature Reserves Name: Cross Hill Quarry Multiple Area: N Area (m2): 96579.19 Source: Natural England Designation Date: 1st January 1989	A18NE (N)	854	4	374289 443071
124	Local Nature Reserves Name: Salthill Quarry Multiple Area: Y Area (m2): 86707.98 Source: Natural England Designation Date: 1st January 1989	A14NE (E)	943	4	375075 442445
125	Sites of Special Scientific Interest Name: Salthill & Bellmanpark Quarries Multiple Areas: Y Total Area (m2): 176399.21 Source: Natural England Reference: 1002604 Designation Details: Geological Conservation Review Designation Date: 22nd May 1987 Date Type: Notified Designation Details: Local Nature Reserve Designation Date: 22nd May 1987 Date Type: Notified	A14NE (E)	943	4	375075 442445

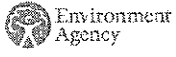
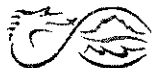
Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Ribble Valley Borough Council - Environmental Health Department Hyndburn Borough Council - Environmental Health Department Pendle Borough Council - Environmental Health Department	April 2011 August 2011 November 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	April 2011	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	July 2011	Quarterly
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North West Region	April 2011	Quarterly
Local Authority Integrated Pollution Prevention And Control Ribble Valley Borough Council - Environmental Health Department Hyndburn Borough Council - Environmental Health Department Pendle Borough Council - Environmental Health Department	December 2010 January 2011 June 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Ribble Valley Borough Council - Environmental Health Department Hyndburn Borough Council - Environmental Health Department Pendle Borough Council - Environmental Health Department	December 2010 January 2011 June 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Ribble Valley Borough Council - Environmental Health Department Hyndburn Borough Council - Environmental Health Department Pendle Borough Council - Environmental Health Department	December 2010 January 2011 June 2011	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	March 2011	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	July 2011	Monthly
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	July 2011	Monthly
Registered Radioactive Substances Environment Agency - North West Region	April 2011	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	January 2011	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	January 2011	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	April 2011 April 2011	Quarterly Quarterly
Water Abstractions Environment Agency - North West Region	April 2011	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	April 2011	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2010	Annually
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2010	Annually
Source Protection Zones Environment Agency - Head Office	July 2011	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	April 2011	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	April 2011	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	April 2011	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	April 2011	Quarterly
Flood Defences Environment Agency - Head Office	April 2011	Quarterly
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	July 2011 July 2011	Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	April 2011 April 2011	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	April 2011 April 2011	Quarterly Quarterly
Local Authority Landfill Coverage 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
Local Authority Recorded Landfill Sites 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
Registered Landfill Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites 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
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	November 2010	Bi-Annually
Explosive Sites Health and Safety Executive	January 2011	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Hyndburn Borough Council - Planning Ribble Valley Borough Council Pendle Borough Council - Planning Lancashire County Council	April 2011 June 2011 March 2011 November 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Hyndburn Borough Council - Planning Ribble Valley Borough Council Pendle Borough Council - Planning Lancashire County Council	April 2011 June 2010 March 2011 November 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2011	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	May 2011	Quarterly
Fuel Station Entries Catalist Ltd - Experian	May 2011	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Hyndburn Borough Council Pendle Borough Council Ribbles Valley Borough Council	May 2011 May 2011 May 2011	As notified As notified As notified
Areas of Unadopted Green Belt Hyndburn Borough Council Pendle Borough Council Ribbles Valley Borough Council	May 2011 May 2011 May 2011	As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	April 2011	Bi-Annually
Environmentally Sensitive Areas Natural England	October 2010	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2011	Bi-Annually
Marine Nature Reserves Natural England	September 2010	Bi-Annually
National Nature Reserves Natural England	April 2011	Bi-Annually
National Parks Natural England	April 2011	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	March 2003	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2011	Annually
Ramsar Sites Natural England	April 2011	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2011	Bi-Annually
Special Areas of Conservation Natural England	April 2011	Bi-Annually
Special Protection Areas Natural England	April 2011	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	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	 CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	Ribble Valley Borough Council - Environmental Health Department Council Offices Church Walk Clitheroe Lancashire BB7 2RA	Telephone: 01200 425111 Fax: 01200 26339 Website: www.ribblevalley.gov.uk
3	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre Keyworth Nottingham Nottinghamshire NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	Natural England 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
5	Lancashire County Council - Waste Management Group Environment Directorate, Guild House, Cross Street Preston Lancashire PR1 8RD	Website: www.lancashire.gov.uk
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton Didcot Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre Henley On Thames Oxfordshire RG9 6AB	Telephone: 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

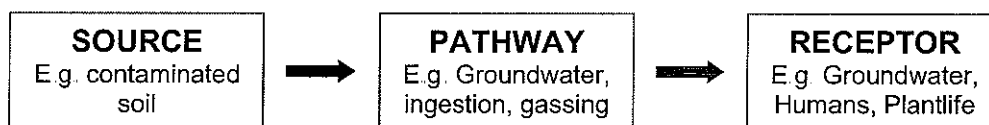
The report aims to identify land which could potentially be affected by contamination, such that it could affect the value or re-use of the land, or such that mitigation would be required for certain proposed end uses of the land.

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
Site users / residents	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.
Construction/ maintenance workers.	Inhalation of soil gas, odours or dust
	Ingestion of, and skin contact with, contaminated soil
Plants	Adverse effects on growth caused by presence of contaminants in soil
Buildings and Structures	Flow of ground gas into buildings. Asphyxiation, toxicity, explosion and fire hazards
	Sulphate attack of foundations
	Hydrocarbons penetrating plastic water supply pipes
Groundwater	Migration of soluble contaminants into groundwater on or off site Migration of oils into groundwater on or off site.
Surface water	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

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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:

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

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