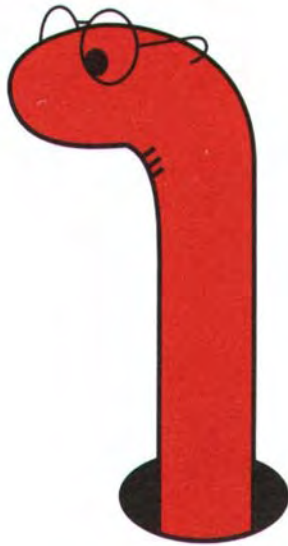


# **Electronic Report**



## **WORMS EYE**

**52 Bank Parade  
Burnley  
BB11 1TS  
Phone  
01282 414649 / 458410**

Our Ref: Whiteacre Lane/BB7 9BJ/2016  
Date: 31 October 2016

Brian Sumner  
Avalon Town Planning  
2 Reedley Business Centre  
Redman Road  
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Burnley  
BB10 2TY

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**PROPOSED HOUSES, WHITEACRE LANE, BARROW BROOK**  
**CLITHEROE, BB7 9BJ**  
**PRELIMINARY RISK ASSESSMENT (DESK STUDY)**

**INTRODUCTION**

A residential development is proposed. The objective is to carry out a desk study, supplemented with a walk over survey, to form a Preliminary Risk Assessment to consider contamination, landfill gas and geotechnical issues.

**SITE DESCRIPTION**

The site is an almost rectangular plot, about 180x60 metres, located to the north of Whiteacre Lane in Barrow, Clitheroe and at OS Grid Reference 374150, 438020. The site inspected by G.Cannon, Chartered Environmentalist on 27 Oct 2016, comprises a featureless open pasture field, now used as a dog walk, with vegetation being poor grass with reeds. Running east to west along the centre of the field was a linear, slight, depression suggesting a previous field boundary, possibly a filled ditch. The land sloped down gently to the northwest.

To the east was the A59 dual carriageway in a slight cutting at the south. Concerning the surroundings, to the south was modern housing, to the southwest was a small mature oak wood and to the west was very modern housing.

To the east was deciduous woodland with a running stream (Barrow Brook) in an artificial dry stone channel. Beyond was a reservoir.

## **TREES**

The trees are shown on the aerial photograph.

Just off the east boundary (on the A59 verge) there were three groups of Scotts Pine about 15 metres high. To the south were conifers, 8 metres high, and others. To the south west an oak wood with two large oaks and to the north was a mixed deciduous wood, about 15 metres high. There was an isolated large ash tree on the west boundary 20 metres high.

This is not an accurate arboricultural survey.

All heights are approximate.

## **PROPOSED DEVELOPMENT**

A housing development is proposed. This comprising nineteen mainly detached houses to the east, south and west of a central access road, each having associated gardens, drives and garages. At the northeast corner will be a small apartment block, with associated landscaping and car park. Near the northeast corner will also be one pair (two units) of semi-detached houses with gardens and parking.

## **DATA SOURCES**

The following data sources have been viewed in compiling this report.

- BGS, Geology Map, 1:50000 scale, Solid and Drift Edition
- BGS, on-shore boreholes scans
- Environment Agency, What's In Your Backyard
  - Groundwater
  - Landfill Sites
  - Pollution
- Landmark Envirocheck Report, 20/10/16
- Ordnance Survey, Historical Maps, 1:10000 and 1:2500 scale
- Walkover Survey, 27/10/16

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## **ENVIRONMENTAL DATA**

A Landmark Envirocheck report has been obtained for the site and geological maps have been reviewed, the following is a summary of the combined data. The Envirocheck report indicated none of the following within 250 metres:

- Contaminated land register entries
- Substantiated pollution incidents
- Source protection zones
- Radioactive sites
- Areas of flooding from rivers
- Hazardous substances sites
- Sensitive land uses

BGS indicate background chemistry to be at low/safe levels.

### Geology of Site

The geological map indicates that the underlying solid rocks are in the Worston Shale Group and dipping steeply to the southeast. In more detail they comprise mudstone (Hodder Mudstone), to the northwest, limestone of the Hodder Limestone across the middle of the site and the Radbrook Mudstone Member beneath the southeast of the site.

Surface drift is shown as glacial till (boulder clay) of unknown thickness.

Natural subsidence hazards are shown as very low to no hazard.

### Surface Water (Hydrology)

The Barrow Brook flows west in an engineered channel, 5 metres north.

There are lakes/reservoirs 30 metres north and 69 metres northeast.

Howard Raynor and Associates (fishery) have a discharge consent 144 metres northeast, discharge of process water to Barrow Brooks, and a water abstraction license (111 metres northeast). Abstraction from a reservoir for aquaculture (fish farm/cress pond through flow).

A separate license, also at the fishery, for abstraction from a Spring Fed Storage tank is shown 510 metres east.

Pendle View Fisheries have an abstraction license 207 metres north. Abstraction for general use.

There are the following pollution incidents listed within 250 metres:

- Unknown pollutant 91 metres north\*
- Animal waste/slurry to Barrow Brook 95 metres north, minor incident\*
- Animal waste/slurry to Barrow Brook, 91 metres north, significant incident\*
- Other oils to Barrow Brook, 190 metres north, significant incident\*
- Inert Suspended Solids to Barrow Brook, 217 metres west, minor incident\*

The area slopes down to the northwest, the flow of surface water is expected to be in this direction.

\* not relevant due to distance/severity/significance

#### Groundwater (Hydrogeology)

The solid rocks under the site are indicated as a Secondary A aquifer.

Superficial (drift) deposits are classed as a Secondary (undifferentiated) aquifer with a low permeability.

Groundwater flow is likely to follow the topography and move to the northwest.

#### Landfill Sites/ Filled Ground

A historical, inert waste, landfill is shown 146 metres northwest,

Potentially filled land is shown:

- 10 metres north
- 98 metres south
- 229 metres northwest
- 243 metres south

#### Radon

The site is in a intermediate probability radon area as 1-3% of homes in the area are above the radon action level. Radon protection measures are not required.

#### Mining

The Coal Authority Interactive Mapping shows:

- Site is not in a High Risk Area
- No nearby mine entries

Nearby Industry

Two trade directory entries are shown within 250 metres:

- Road haulage services, 181 metres northwest\*
- Texaco petrol station, 207 metres north, this also having a fuel station entry \*

\* not relevant due to distance/severity/significance

SITE HISTORY

| Date                 | On Site   | Off Site  |
|----------------------|---|---|
| 1848<br>1:10,560     | Undeveloped field, field drain (ditch ?) runs east to west across site. | Millrace northeast to southwest 75m north.<br>River flowing northeast to southwest, 50m northeast.<br>Stream 120m northeast, running southeast to west and joins the river 120m northeast.<br>Reservoir 110m northwest and 235m northwest.  |
| 1893<br>1:2,500      | Little or no change   | Millrace immediately north.<br>River to north splits between reservoirs.<br>Reservoir 70m northeast.<br>Reservoir 110m northwest now 140m northwest, to allow creation of reservoir 40m north.<br>Stream flows into reservoir 120m east.<br>Print works about 290 metres northwest. |
| 1912-1955<br>1:2,500 | Little or no change   | No relevant change  |
| 1967-1969<br>1:2,500 | Little or no change   | Houses immediately southwest and south.<br>Print works to northwest is now engineering works.   |
| 1975<br>1:2,500      | Little or no change   | A59 built on east boundary, in a cutting by the southeast corner and by the northeast corner on a slight embankment.  |
| 1992<br>1:2,500      | Little or no change   | Reservoir 140m northwest and 255m northwest, and associated overflow (140m northwest) not present so assumed filled.<br>Engineering works demolished.   |
| 2016<br>1:10,000     | Little or no change   | New houses built immediately to the west (not shown on map)   |

## **NEARBY BOREHOLES/PREVIOUS REPORTS/OUTCROPS**

The following information, and enclosed borehole logs, contain British Geological Survey materials © NERC (2016).

BGS hold records for nearby boreholes (for A59), all about 10m southeast. These generally show topsoil between 0.2 – 0.45m thick overlying clay, this proved to at least 7.5m deep.

## **DISCUSSION**

### Contamination

The site is a previously undeveloped plot, having had no use from which contamination would be expected, especially at high levels.

There have been no nearby industrial sites likely to affect the site and no pollution incidents on or close to the site.

The proposed development will be houses with gardens. There has been no use of the site to suggest contamination is likely at high levels. No risk to householders and no pollutant linkages are expected to arise.

### Controlled Waters

There is an underlying Secondary A aquifer beneath low permeability clay.

Barrow Brook is 5 metres north.

Although the gardens will allow rainwater to pass through the surface soils and migrate towards the aquifer/river, contamination is not expected and it is anticipated there will be only a negligible risk to controlled water.

The anticipated underlying clay will further impede the migration of water.

### Landfill Gas/Ground Gas

There is an inert landfill and several filled features within 250 metres. Taking into account the age of filling and likely inert material, a low to moderate gas generation potential is anticipated.

Bearing in mind the distances, and low permeability clay, a low risk to the development from landfill/ground gas is expected.

### Radon

Radon protection measures are not required.

### Flooding

The Environment Agency maps show that this site is clear of flooding from rivers.

The BGS indicate the site has potential for groundwater flooding.

Flooding can occur for many reasons other than those dealt with by the EA maps. These include:

- burst pipes
- blocked drains, sewers and culverts
- inadequate drainage
- cloudbursts/flash flooding overwhelming normally satisfactory drainage systems
- Groundwater

Statements in this report such as 'clear of flooding/flood plain' and 'flooding – no further action' are references to the EA river and sea flood maps and are no guarantee that flooding will not occur.

### Foundations

The geology map suggests the site is underlain by clay which often provides a good bearing strata for traditional shallow foundations.

If foundations are to be on clay the shrinkage potential of the clay needs to be determined, to ensure foundations are below the potential effects of tree root shrinkage.

### **INDUSTRY PROFILE**

The site has had no industrial use and there have been no nearby industrial sites.



## **CONCEPTUAL MODEL**

A conceptual model based on the source-pathway-receptor concept is included with this desk study to show the potential pollutant linkages with this site.

| <b>Source</b>          | <b>Receptors</b>         | <b>Pathway</b>  | <b>Potential/Likely Pollutant Linkage</b> |
|------------------------|--------------------------|---|---|
| Asbestos               | Construction workers     | Inhalation  | No  |
|                        | End-users                | Inhalation  | No  |
| Inorganic contaminants | Construction workers     | Short-term direct contact, inhalation of dust, ingestion                                | No  |
|                        | Householders             | Direct contact, ingestion, from home grown vegetables, ingestion and inhalation of dust | No  |
|                        | Groundwater              | Leaching towards  | No  |
|                        | River/stream             | Leaching towards  | No  |
| Sulphate               | Building fabric          | Concrete directly in contact with soil  | No  |
| Hydrocarbons           | Construction workers     | Short-term direct contact, inhalation of dust, ingestion                                | No  |
|                        | Householders             | Direct contact, ingestion, from home grown vegetables, ingestion and inhalation of dust | No  |
|                        | Service pipes            | Seeping into drinking water pipes   | No  |
|                        | Groundwater              | Migrating towards   | No  |
|                        | River/stream             | Migrating/leaching towards  | No  |
| Hydrocarbon vapours    | Construction workers     | Short-term inhalation   | No  |
|                        | Householders             | Inhalation of vapours indoors and outdoors  | No  |
| Landfill gas           | End-users - in buildings | Seeping into buildings, explosion, asphyxiation   | Possible                                  |
| Radon                  | End-users - in buildings | Seeping into buildings  | No  |

## **CONCLUSION**

### **Contamination**

Taking into account the past use of the site it is thought unlikely that contamination will be present on the site at high levels.

However, this is a sensitive development (houses with gardens) and a limited, widely spaced, intrusive investigation is suggested. This consisting of boreholes/trial holes and tests to confirm the absence of contamination on the site, testing for asbestos, sulphate, heavy metals, PAHs and TPHs. This will also help classify material for disposal off-site and select drinking water pipe materials.

There are no specific point sources for contamination and the investigation will need to target proposed gardens (most sensitive part of the development).

Controlled Waters

A negligible risk to controlled water is expected and no further action is considered necessary.

Landfill Gas/Ground Gas

There are nearby potential gas sources and a gas testing programme is required.

Radon

Radon protection measures are not required.

Coal Mining

No further action is required.

Flooding

The EA maps indicate that the area is clear of flooding from rivers and no further action is required.

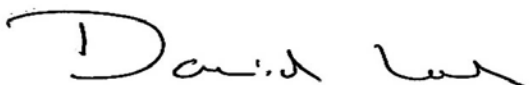
Foundations

A series of boreholes are required in the area of the proposed building to allow the most suitable foundations to be designed.

Plasticity tests are required to check the Shrinkage Potential of the clay.

Yours faithfully

on behalf of Worms Eye Ltd

A handwritten signature in black ink, appearing to read "David Lord". The signature is written in a cursive, slightly slanted style.

David Lord  
BSc (Hons)  
FGS, MIEEnvSc, AIEMA

**PROPOSED HOUSES, WHITEACRE LANE, BARROW BROOK**  
**CLITHEROE, BB7 9BJ**

**List of Appendices – Desk Study**

**Existing Site Plan – 1:1000**

**Proposed Site Plan**

**Ariel Photograph – showing trees**

**Landmark Envirocheck Report**

**Landmark Summary Map**

**Historical Maps**

**Conceptual Model**

## ABBREVIATIONS

|                 |         |   |
|-----------------|---------|---|
| <u>Chemical</u> | BAP     | Benzo(a)pyrene  |
|                 | BTEX    | Benzene, toluene, ethylbenzene, xylene                                    |
|                 | DAHA    | Dibenzo(ah)anthracene   |
|                 | MTBE    | Methyl tertiaryt-butyl ether (additive to petrol)                         |
|                 | EPH     | Extractable Petroleum Hydrocarbons (formerly Diesel Range Organics – DRO) |
|                 | NFD     | No fibres detected (asbestos test)  |
|                 | PAH     | Polycyclic aromatic hydrocarbons  |
|                 | PCB     | Polychlorinated biphenyls   |
|                 | PID     | Photo ionisation detector   |
|                 | PRO/GRO | Petrol range organics/gasoline range organics                             |
|                 | SVOC    | Semi-volatile organic compounds   |
|                 | TCE     | Trichloroethylene   |
|                 | TPH     | Total petroleum hydrocarbons  |
|                 | VOC     | Volatile organic compounds  |
| <u>Other</u>    | AGS     | Association of Geotechnical Specialists                                   |
|                 | BGS     | British Geological Survey   |
|                 | BRE     | Building Research Establishment   |
|                 | CBR     | California Bearing Ratio  |
|                 | CIEH    | Chartered Institute of Environmental Health                               |
|                 | CIRIA   | Construction Industry Research and Information Association                |
|                 | CLEA    | Contaminated Land Exposure Assessment (Environment Agency)                |
|                 | CLR 8   | Contaminated Land Research Report 8 (Environment Agency)                  |
|                 | DWQ     | Drinking water quality  |
|                 | EA      | Environment Agency  |
|                 | EQS     | Environmental quality standards   |
|                 | ICRCL   | Inter-departmental Commission for the Reclamation of Contaminated Land    |
|                 | LQM     | Land Quality Management Ltd (Land and Environmental Consultancy)          |
|                 | NHBC    | National House Builders Council   |
|                 | SGV     | Soil Guideline Values   |
|                 | SPT     | Standard penetration test   |
|                 | TPHWG   | TPH Working Group   |



reservoir

deciduous woodland

stream

very modern housing with gardens

gentle slope down

old field line

A 59

oak woodland

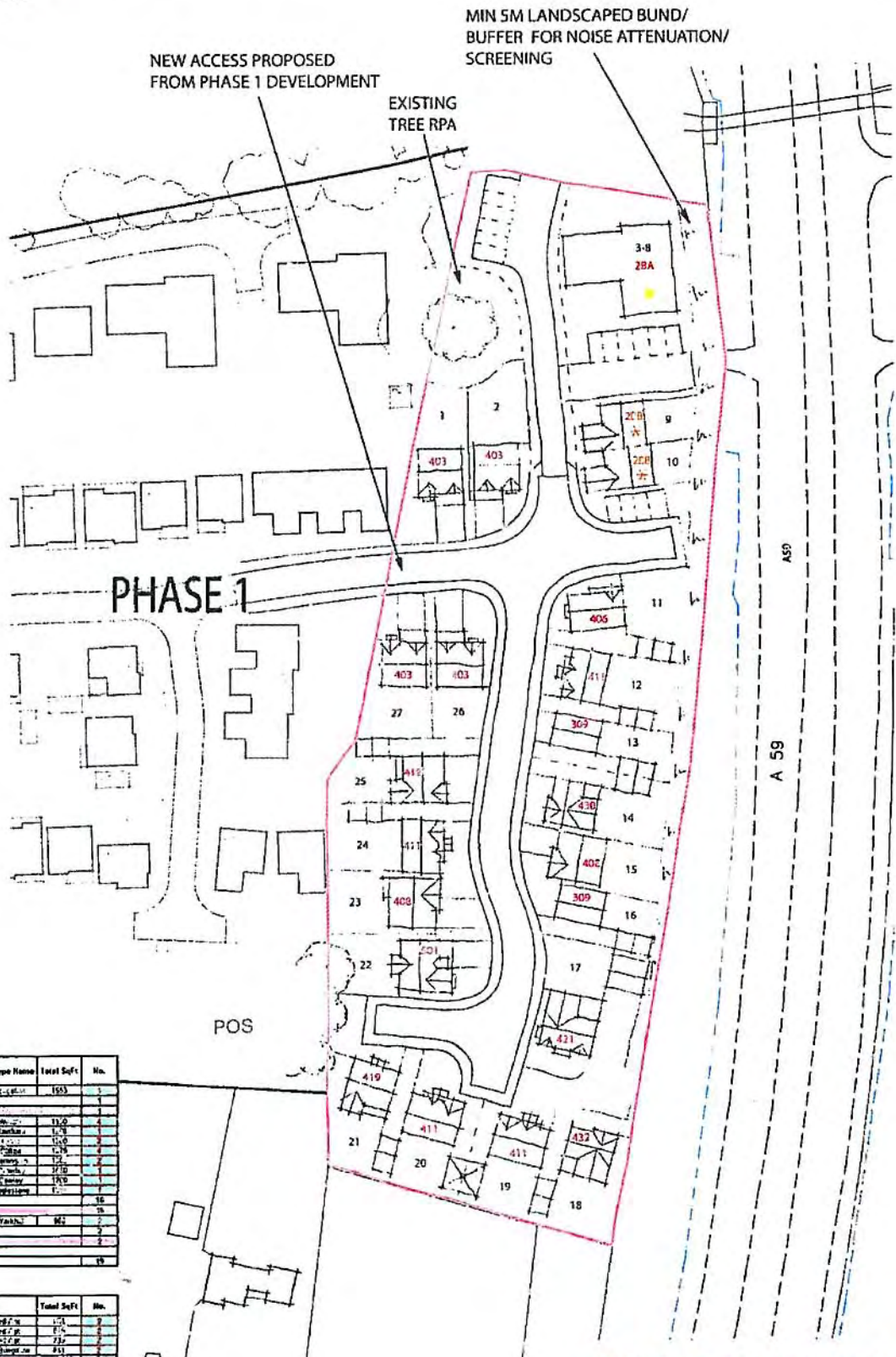
Temple House

13

Barrow Brook, Clitheroe. BB7 9BJ  
Existing Site Plan 1: 1000

WORMS EYE Ltd  
52, Bank Parade  
Burnley BB11 1TS  
Tel: 01282 414 649

drawing no. MLR/BB2\_SK1  
 drawn. SJS  
 date. 23.12.2014  
 scale. 1:500



| Housetype Reference                    | Housetype Name | Total Sqft | No. |
|--|----------------|------------|-----|
| 507                                    | The Le... ..   | 1555       | 1   |
| <b>3 Bed Detached 2 Storey</b>         |                |            |     |
| <b>3 Bed TOTAL</b>                     |                |            |     |
| 403                                    | The Le... ..   | 1120       | 1   |
| 408                                    | The Le... ..   | 1120       | 1   |
| 411                                    | The Le... ..   | 1120       | 1   |
| 419                                    | The Le... ..   | 1120       | 1   |
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| <b>WHOLE SITE PRIVATE</b>              |                |            |     |
| <b>WHOLE SITE AFFORDABLE</b>           |                |            |     |
| <b>WHOLE SITE PRIVATE + AFFORDABLE</b> |                |            |     |



Whiteacre Lane, Barrow Brook, Clitheroe. BB7 9BJ





A59

pine pine

pine

oak

mixed  
deciduous  
wood

old field line

ash

conifers

Oak wood

← NORTH

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

101611925\_1\_1

**Customer Reference:**

BB7 9BJ

**National Grid Reference:**

374150, 438020

**Slice:**

A

**Site Area (Ha):**

1.07

**Search Buffer (m):**

1000

#### Site Details:

Springfield, Whiteacre Lane

Barrow

Clitheroe

BB7 9BJ

#### Client Details:

Mr D Lord

Worms Eye Ltd

52 Bank Parade

Burnley

Lancashire

BB11 1TS



| Report Section        | Page Number |
|-----------------------|-------------|
| Summary               | -           |
| Agency & Hydrological | 1           |
| Waste                 | 19          |
| Hazardous Substances  | -           |
| Geological            | 21          |
| Industrial Land Use   | 24          |
| Sensitive Land Use    | 29          |
| Data Currency         | 30          |
| Data Suppliers        | 36          |
| Useful Contacts       | 37          |

### Introduction

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

In 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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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

### Report Version v50.0

| Data Type   | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|-------------|---------|-----------|-------------|-----------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                             |
| BGS Groundwater Flooding Susceptibility                       | pg 1        | Yes     | Yes       | Yes         | n/a                         |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                             |
| Discharge Consents  | pg 3        |         | 2         | 2           | 7                           |
| Prosecutions Relating to Controlled Waters                    |             |         | n/a       | n/a         | n/a                         |
| Enforcement and Prohibition Notices                           |             |         |           |             |                             |
| Integrated Pollution Controls                                 |             |         |           |             |                             |
| Integrated Pollution Prevention And Control                   |             |         |           |             |                             |
| Local Authority Integrated Pollution Prevention And Control   |             |         |           |             |                             |
| Local Authority Pollution Prevention and Controls             |             |         |           |             |                             |
| Local Authority Pollution Prevention and Control Enforcements |             |         |           |             |                             |
| Nearest Surface Water Feature                                 | pg 5        |         | Yes       |             |                             |
| Pollution Incidents to Controlled Waters                      | pg 5        |         | 5         | 1           | 13                          |
| Prosecutions Relating to Authorised Processes                 |             |         |           |             |                             |
| Registered Radioactive Substances                             |             |         |           |             |                             |
| River Quality   |             |         |           |             |                             |
| River Quality Biology Sampling Points                         |             |         |           |             |                             |
| River Quality Chemistry Sampling Points                       |             |         |           |             |                             |
| Substantiated Pollution Incident Register                     | pg 9        |         |           | 1           |                             |
| Water Abstractions  | pg 9        |         | 3         |             | 6 (*8)                      |
| Water Industry Act Referrals                                  |             |         |           |             |                             |
| Groundwater Vulnerability                                     | pg 13       | Yes     | n/a       | n/a         | n/a                         |
| Drift Deposits  | pg 13       | 1       | n/a       | n/a         | n/a                         |
| Bedrock Aquifer Designations                                  | pg 13       | Yes     | n/a       | n/a         | n/a                         |
| Superficial Aquifer Designations                              | pg 13       | 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                         |
| Detailed River Network Lines                                  | pg 13       |         | Yes       | Yes         | n/a                         |
| Detailed River Network Offline Drainage                       | pg 18       |         |           | Yes         | n/a                         |

| Data Type   | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|-------------|---------|-----------|-------------|-----------------------------|
| <b>Waste</b>  |             |         |           |             |                             |
| BGS Recorded Landfill Sites   |             |         |           |             |                             |
| Historical Landfill Sites   | pg 19       |         | 1         |             |                             |
| Integrated Pollution Control Registered Waste Sites                 |             |         |           |             |                             |
| Licensed Waste Management Facilities (Landfill Boundaries)          |             |         |           |             |                             |
| Licensed Waste Management Facilities (Locations)                    |             |         |           |             |                             |
| Local Authority Landfill Coverage                                   | pg 19       | 2       | n/a       | n/a         | n/a                         |
| Local Authority Recorded Landfill Sites                             |             |         |           |             |                             |
| Potentially Infilled Land (Non-Water)                               |             |         |           |             |                             |
| Potentially Infilled Land (Water)                                   | pg 19       |         | 4         | 4           | 13                          |
| Registered Landfill Sites   |             |         |           |             |                             |
| Registered Waste Transfer Sites                                     |             |         |           |             |                             |
| Registered Waste Treatment or Disposal Sites                        |             |         |           |             |                             |
| <b>Hazardous Substances</b>   |             |         |           |             |                             |
| Control of Major Accident Hazards Sites (COMAH)                     |             |         |           |             |                             |
| Explosive Sites   |             |         |           |             |                             |
| Notification of Installations Handling Hazardous Substances (NIHHS) |             |         |           |             |                             |
| Planning Hazardous Substance Consents                               |             |         |           |             |                             |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                             |

| Data Type   | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|-------------|---------|-----------|-------------|-----------------------------|
| <b>Geological</b>   |             |         |           |             |                             |
| BGS 1:625,000 Solid Geology                                       | pg 21       | Yes     | n/a       | n/a         | n/a                         |
| BGS Estimated Soil Chemistry                                      | pg 21       | Yes     | Yes       | Yes         | Yes                         |
| BGS Recorded Mineral Sites  |             |         |           |             |                             |
| BGS Urban Soil Chemistry  |             |         |           |             |                             |
| BGS Urban Soil Chemistry Averages                                 |             |         |           |             |                             |
| Brine Compensation Area   |             |         | n/a       | n/a         | n/a                         |
| Coal Mining Affected Areas  |             |         | n/a       | n/a         | n/a                         |
| Mining Instability  |             |         | n/a       | n/a         | n/a                         |
| Man-Made Mining Cavities  |             |         |           |             |                             |
| Natural Cavities  |             |         |           |             |                             |
| Non Coal Mining Areas of Great Britain                            | pg 23       | Yes     |           | n/a         | n/a                         |
| Potential for Collapsible Ground Stability Hazards                | pg 23       | Yes     |           | n/a         | n/a                         |
| Potential for Compressible Ground Stability Hazards               |             |         |           | n/a         | n/a                         |
| Potential for Ground Dissolution Stability Hazards                | pg 23       | Yes     |           | n/a         | n/a                         |
| Potential for Landslide Ground Stability Hazards                  | pg 23       | Yes     |           | n/a         | n/a                         |
| Potential for Running Sand Ground Stability Hazards               | pg 23       | Yes     |           | n/a         | n/a                         |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 23       | Yes     |           | n/a         | n/a                         |
| Radon Potential - Radon Affected Areas                            | pg 23       | Yes     | n/a       | n/a         | n/a                         |
| Radon Potential - Radon Protection Measures                       |             |         | n/a       | n/a         | n/a                         |
| <b>Industrial Land Use</b>  |             |         |           |             |                             |
| Contemporary Trade Directory Entries                              | pg 24       |         | 2         | 1           | 24                          |
| Fuel Station Entries  | pg 26       |         | 1         |             | 1                           |
| Points of Interest - Commercial Services                          | pg 26       |         | 5         |             | 7                           |
| Points of Interest - Education and Health                         |             |         |           |             |                             |
| Points of Interest - Manufacturing and Production                 | pg 27       |         | 1         |             | 4                           |
| Points of Interest - Public Infrastructure                        | pg 28       |         | 3         |             | 1                           |
| Points of Interest - Recreational and Environmental               | pg 28       |         |           | 4           |                             |
| Gas Pipelines   |             |         |           |             |                             |
| Underground Electrical Cables                                     |             |         |           |             |                             |

| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Sensitive Land Use</b>            |             |         |           |             |                             |
| Ancient Woodland                     |             |         |           |             |                             |
| Areas of Adopted Green Belt          |             |         |           |             |                             |
| Areas of Unadopted Green Belt        |             |         |           |             |                             |
| Areas of Outstanding Natural Beauty  | pg 29       |         |           |             | 1                           |
| Environmentally Sensitive Areas      |             |         |           |             |                             |
| Forest Parks                         |             |         |           |             |                             |
| Local Nature Reserves                |             |         |           |             |                             |
| Marine Nature Reserves               |             |         |           |             |                             |
| National Nature Reserves             |             |         |           |             |                             |
| National Parks                       |             |         |           |             |                             |
| Nitrate Sensitive Areas              |             |         |           |             |                             |
| Nitrate Vulnerable Zones             |             |         |           |             |                             |
| Ramsar Sites                         |             |         |           |             |                             |
| Sites of Special Scientific Interest | pg 29       |         |           |             | 1                           |
| Special Areas of Conservation        |             |         |           |             |                             |
| Special Protection Areas             |             |         |           |             |                             |
| World Heritage Sites                 |             |         |           |             |                             |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (W)                              | 0                            | 2       | 374150<br>438018 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (S)                              | 0                            | 2       | 374155<br>438000 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A13NE (N)                              | 0                            | 2       | 374155<br>438050 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (S)                              | 0                            | 2       | 374150<br>438000 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (NE)                             | 10                           | 2       | 374200<br>438050 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (SW)                             | 16                           | 2       | 374100<br>437950 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A13SE (S)                              | 18                           | 2       | 374155<br>437900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (N)                              | 42                           | 2       | 374200<br>438150 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13NE (NE)                             | 61                           | 2       | 374250<br>438100 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (SW)                             | 74                           | 2       | 374050<br>437900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (SE)                             | 76                           | 2       | 374250<br>437900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (N)                              | 91                           | 2       | 374200<br>438200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (N)                              | 95                           | 2       | 374100<br>438200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A13SW (SW)                             | 116                          | 2       | 374000<br>437950 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (SW)                             | 143                          | 2       | 374000<br>437850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A13SW (S)                              | 169                          | 2       | 374150<br>437750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A13SW (SW)                             | 177                          | 2       | 374000<br>437800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (SW)                             | 213                          | 2       | 373950<br>437800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (N)                              | 239                          | 2       | 374200<br>438350 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A13SW (SW)                             | 248                          | 2       | 373950<br>437750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SE (E)                              | 262                          | 2       | 374450<br>438018 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NE (NE)                             | 266                          | 2       | 374300<br>438350 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (SW)                             | 284                          | 2       | 373900<br>437750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A18SE (N)                              | 288                          | 2       | 374200<br>438400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SE (N)                              | 312                          | 2       | 374300<br>438400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A14NW (E)                              | 315                          | 2       | 374500<br>438150 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A13SW (SW)                             | 354                          | 2       | 373850<br>437700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A14NW (E)                              | 365                          | 2       | 374550<br>438150 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12SE (W)                              | 366                          | 2       | 373750<br>438018 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A14NW (NE)                             | 374                          | 2       | 374550<br>438200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A18SE (N)                              | 387                          | 2       | 374200<br>438500 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12SE (SW)                             | 393                          | 2       | 373800<br>437700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A14SW (E)                              | 411                          | 2       | 374600<br>438018 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7NE (SW)                              | 425                          | 2       | 373800<br>437650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A14NW (NE)                             | 436                          | 2       | 374600<br>438250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7NE (SW)                              | 460                          | 2       | 373800<br>437600 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A14NW (E)                              | 472                          | 2       | 374650<br>438200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A14NW (NE)                             | 484                          | 2       | 374650<br>438250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7NE (SW)                              | 495                          | 2       | 373750<br>437600 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A14NW (NE)                             | 500                          | 2       | 374650<br>438300 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 1      | <p><b>Discharge Consents</b></p> <p>Operator: Howard Rayner &amp; Associates Ltd<br/> Property Type: Fish Farm<br/> Location: Whalley Trout Fishery A59 By Pass, Barrow, Blackburn, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Not Given<br/> Reference: 017190396<br/> Permit Version: 1<br/> Effective Date: 10th June 1991<br/> Issued Date: Not Supplied<br/> Revocation Date: 31st March 1993<br/> Discharge Type: Trade Discharge - Process Water<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Barrow Brook<br/> <b>Status: Authorisation revokedRevoked</b><br/> Positional Accuracy: Located by supplier to within 100m</p>  | A13NE<br>(NE)                          | 144                          | 3       | 374300<br>438200 |
| 1      | <p><b>Discharge Consents</b></p> <p>Operator: Howard Rayner &amp; Associates Ltd<br/> Property Type: Fish Farm<br/> Location: Whalley Trout Fishery A59 By Pass, Barrow, Blackburn, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Not Given<br/> Reference: 017190396<br/> Permit Version: 2<br/> Effective Date: 1st April 1993<br/> Issued Date: Not Supplied<br/> Revocation Date: 3rd August 1993<br/> Discharge Type: Trade Discharge - Process Water<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Barrow Brook<br/> <b>Status: Authorisation revokedRevoked</b><br/> Positional Accuracy: Located by supplier to within 100m</p>  | A13NE<br>(NE)                          | 144                          | 3       | 374300<br>438200 |
| 2      | <p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Limited<br/> Property Type: Sewerage Network - Pumping Station - Water Company<br/> Location: Ps Off Cunliffe Lane, Wiswall, Ribble Valley, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Calder (Ribble)<br/> Reference: 01rib0014<br/> Permit Version: 2<br/> Effective Date: 14th April 2009<br/> Issued Date: 14th April 2009<br/> Revocation Date: Not Supplied<br/> Discharge Type: Public Sewage: Storm Sewage Overflow<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Roadside Dyke<br/> <b>Status: Varied under EPR 2010</b><br/> Positional Accuracy: Located by supplier to within 10m</p>  | A9NW<br>(SE)                           | 491                          | 3       | 374590<br>437670 |
| 2      | <p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Limited<br/> Property Type: Sewerage Network - Pumping Station - Water Company<br/> Location: Ps Off Cunliffe Lane, Wiswall, Ribble Valley, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Calder (Ribble)<br/> Reference: 01RIB0014<br/> Permit Version: 1<br/> Effective Date: 1st January 1995<br/> Issued Date: Not Supplied<br/> Revocation Date: 13th April 2009<br/> Discharge Type: Storm /emergency overflow<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Roadside Dyke<br/> <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br/> Positional Accuracy: Located by supplier to within 100m</p> | A9NW<br>(SE)                           | 491                          | 3       | 374590<br>437670 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 3      | <p><b>Discharge Consents</b></p> <p>Operator: Whitbread Bowland Inns<br/> Property Type: Public Houses &amp; Bars<br/> Location: Whitbread Bowland Inns, Nr Whalley, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Not Given<br/> Reference: 01719190201<br/> Permit Version: 1<br/> Effective Date: 8th September 1986<br/> Issued Date: Not Supplied<br/> Revocation Date: 1st November 1994<br/> Discharge Type: Discharge Of Other Matter-Surface Water<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Trib For Drainage Area 72<br/> <b>Status: Authorisation revokedRevoked</b><br/> Positional Accuracy: Located by supplier to within 100m</p>                  | A7NE (SW)                              | 753                          | 3       | 373500<br>437500 |
| 4      | <p><b>Discharge Consents</b></p> <p>Operator: T Hanson &amp; Sons Ltd<br/> Property Type: Horticulture Est. Nursery Gardens<br/> Location: Barrow Nurseries Swo Whalley Road, Barrow, Clitheroe, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Not Given<br/> Reference: 017190243<br/> Permit Version: 1<br/> Effective Date: 1st November 1994<br/> Issued Date: Not Supplied<br/> Revocation Date: 1st November 1994<br/> Discharge Type: Discharge Of Other Matter-Surface Water<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Barrow Brook<br/> <b>Status: Authorisation revokedRevoked</b><br/> Positional Accuracy: Located by supplier to within 100m</p>      | A18NW (N)                              | 784                          | 3       | 373870<br>438850 |
| 5      | <p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Limited<br/> Property Type: Sewage Disposal Works - Water Company<br/> Location: Barrow Stw, Barrow, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Not Given<br/> Reference: 017160031<br/> Permit Version: 1<br/> Effective Date: 19th October 1979<br/> Issued Date: Not Supplied<br/> Revocation Date: 30th January 1985<br/> Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Barrow Brook<br/> <b>Status: Authorisation revokedRevoked</b><br/> Positional Accuracy: Located by supplier to within 100m</p>          | A12NW (W)                              | 791                          | 3       | 373385<br>438330 |
| 5      | <p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Limited<br/> Property Type: Sewage Disposal Works - Water Company<br/> Location: Barrow Stw, Barrow, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Not Given<br/> Reference: 017160031<br/> Permit Version: 2<br/> Effective Date: 31st January 1985<br/> Issued Date: 31st January 1985<br/> Revocation Date: 13th July 2006<br/> Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Barrow Brook<br/> <b>Status: Authorisation revokedRevoked</b><br/> Positional Accuracy: Located by supplier to within 100m</p> | A12NW (W)                              | 792                          | 3       | 373385<br>438335 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 5      | <p><b>Discharge Consents</b></p> <p>Operator: North West Water Limited<br/> Property Type: Not Given<br/> Location: Barrow Et Works Humu<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Ribble (Ex Calder)<br/> Reference: 17160031<br/> Permit Version: Not Supplied<br/> Effective Date: Not Supplied<br/> Issued Date: 1st April 1991<br/> Revocation Date: Not Supplied<br/> Discharge Type: Sewage Effluent Discharge-Storm Effluent<br/> Discharge: Coastal<br/> Environment:<br/> Receiving Water: Barrow Brook<br/> <b>Status: Not Supplied</b><br/> Positional Accuracy: Located by supplier to within 100m</p>  | A12NW (W)                              | 796                          | 3       | 373380<br>438330 |
| 5      | <p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Limited<br/> Property Type: Sewage Disposal Works - Water Company<br/> Location: Barrow Stw, Barrow, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Ribble (Ex Calder)<br/> Reference: 017160031<br/> Permit Version: 2<br/> Effective Date: 31st January 1985<br/> Issued Date: 31st January 1985<br/> Revocation Date: 13th July 2006<br/> Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Barrow Brook<br/> <b>Status: Authorisation revokedRevoked</b><br/> Positional Accuracy: Located by supplier to within 10m</p> | A12NW (W)                              | 796                          | 3       | 373380<br>438330 |
| 5      | <p><b>Discharge Consents</b></p> <p>Operator: United Utilities Water Limited<br/> Property Type: Sewage Disposal Works - Water Company<br/> Location: Barrow Stw, Barrow, Lancashire<br/> Authority: Environment Agency, North West Region<br/> Catchment Area: Not Given<br/> Reference: 017160031<br/> Permit Version: 1<br/> Effective Date: 19th October 1979<br/> Issued Date: Not Supplied<br/> Revocation Date: 30th January 1985<br/> Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br/> Discharge: Freshwater Stream/River<br/> Environment:<br/> Receiving Water: Barrow Brook<br/> <b>Status: Authorisation revokedRevoked</b><br/> Positional Accuracy: Located by supplier to within 10m</p>     | A12NW (W)                              | 796                          | 3       | 373380<br>438330 |
|        | <p><b>Nearest Surface Water Feature</b></p>   | A13NW (N)                              | 4                            | -       | 374135<br>438118 |
| 6      | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Boats/Ships<br/> Location: Lancashire<br/> Authority: Environment Agency, North West Region<br/> Pollutant: Unknown<br/> Note: None<br/> Incident Date: 27th June 1994<br/> Incident Reference: 94340099<br/> Catchment Area: Ribble - Non-Tidal<br/> Receiving Water: Canal<br/> Cause of Incident: Other Incident/Unknown<br/> Incident Severity: Category 3 - Minor Incident<br/> Positional Accuracy: Located by supplier to within 100m</p>   | A13NW (N)                              | 91                           | 3       | 374100<br>438195 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 6      | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm Drainage<br/>           Location: Location Description Not Available<br/>           Authority: Environment Agency, North West Region<br/>           Pollutant: Animal Waste/Slurry<br/>           Note: Barrow Brook<br/>           Incident Date: 16th May 1992<br/>           Incident Reference: 92340061<br/>           Catchment Area: Ribble - Non-Tidal<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Unknown<br/>           Incident Severity: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p>                                  | A13NW (N)                              | 95                           | 3       | 374100<br>438200 |
| 7      | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm Drainage<br/>           Location: Location Description Not Available<br/>           Authority: Environment Agency, North West Region<br/>           Pollutant: Animal Waste/Slurry<br/>           Note: Tributary Barrow Brook<br/>           Incident Date: 3rd January 1992<br/>           Incident Reference: 92320002<br/>           Catchment Area: Ribble - Non-Tidal<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Unknown<br/>           Incident Severity: Category 2 - Significant Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p>               | A13NE (N)                              | 91                           | 3       | 374200<br>438200 |
| 8      | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>           Location: Location Description Not Available<br/>           Authority: Environment Agency, North West Region<br/>           Pollutant: Oils - Other Oil<br/>           Note: Barrow Brook; Barrow Brook<br/>           Incident Date: 29th December 1993<br/>           Incident Reference: 93340120<br/>           Catchment Area: Ribble - Non-Tidal<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Unknown<br/>           Incident Severity: Category 2 - Significant Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p>                | A13NE (N)                              | 190                          | 3       | 374200<br>438300 |
| 9      | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>           Location: Location Description Not Available<br/>           Authority: Environment Agency, North West Region<br/>           Pollutant: Miscellaneous - Inert Suspended Solids<br/>           Note: Barrow Brook<br/>           Incident Date: 25th May 1995<br/>           Incident Reference: 95330124<br/>           Catchment Area: Ribble - Non-Tidal<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Poor Operational Practice<br/>           Incident Severity: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p> | A13SW (W)                              | 217                          | 3       | 373900<br>438000 |
| 10     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>           Location: Location Description Not Available<br/>           Authority: Environment Agency, North West Region<br/>           Pollutant: Algae<br/>           Note: Tributary Barrow Brook; Blue Green Algae<br/>           Incident Date: 11th October 1993<br/>           Incident Reference: 93340099<br/>           Catchment Area: Ribble - Non-Tidal<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Unknown<br/>           Incident Severity: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p>                    | A18SE (NE)                             | 445                          | 3       | 374400<br>438500 |
| 11     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>           Location: Location Description Not Available<br/>           Authority: Environment Agency, North West Region<br/>           Pollutant: Rubble/Litter Or Solids<br/>           Note: Barrow Brook<br/>           Incident Date: 12th October 1993<br/>           Incident Reference: 93340093<br/>           Catchment Area: Ribble - Non-Tidal<br/>           Receiving Water: Not Given<br/>           Cause of Incident: Unknown<br/>           Incident Severity: Category 3 - Minor Incident<br/>           Positional Accuracy: Located by supplier to within 100m</p>                              | A17SE (NW)                             | 529                          | 3       | 373700<br>438400 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 12     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Spillage; Accident - Static Site<br/>                     Location: Location Description Not Available<br/>                     Authority: Environment Agency, North West Region<br/>                     Pollutant: Chemicals - Paints / Dyes<br/>                     Note: Tributary River Calder<br/>                     Incident Date: 22nd July 1994<br/>                     Incident Reference: 94330200<br/>                     Catchment Area: Calder - Lancs<br/>                     Receiving Water: Not Given<br/>                     Cause of Incident: Other Incident/Unknown<br/>                     Incident Severity: Category 3 - Minor Incident<br/>                     Positional Accuracy: Located by supplier to within 100m</p> | A9NW (SE)                              | 616                          | 3       | 374500<br>437400 |
| 13     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>                     Location: Location Description Not Available<br/>                     Authority: Environment Agency, North West Region<br/>                     Pollutant: Oils - Unknown<br/>                     Note: Tributary Barrow Brook<br/>                     Incident Date: 14th December 1992<br/>                     Incident Reference: 92340112<br/>                     Catchment Area: Ribble - Non-Tidal<br/>                     Receiving Water: Not Given<br/>                     Cause of Incident: Unknown<br/>                     Incident Severity: Category 3 - Minor Incident<br/>                     Positional Accuracy: Located by supplier to within 100m</p>  | A9NW (SE)                              | 621                          | 3       | 374700<br>437600 |
| 14     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm Drainage<br/>                     Location: Location Description Not Available<br/>                     Authority: Environment Agency, North West Region<br/>                     Pollutant: Animal Waste/Slurry<br/>                     Note: Tributary Barrow Brook<br/>                     Incident Date: 22nd December 1992<br/>                     Incident Reference: 92340116<br/>                     Catchment Area: Ribble - Non-Tidal<br/>                     Receiving Water: Not Given<br/>                     Cause of Incident: Unknown<br/>                     Incident Severity: Category 3 - Minor Incident<br/>                     Positional Accuracy: Located by supplier to within 100m</p>                                 | A18NW (N)                              | 629                          | 3       | 373900<br>438695 |
| 14     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>                     Location: Location Description Not Available<br/>                     Authority: Environment Agency, North West Region<br/>                     Pollutant: Oils - Diesel (Including Agricultural)<br/>                     Note: Barrow Brook<br/>                     Incident Date: 3rd August 1992<br/>                     Incident Reference: 92340088<br/>                     Catchment Area: Ribble - Non-Tidal<br/>                     Receiving Water: Not Given<br/>                     Cause of Incident: Unknown<br/>                     Incident Severity: Category 2 - Significant Incident<br/>                     Positional Accuracy: Located by supplier to within 100m</p>                         | A18NW (N)                              | 633                          | 3       | 373900<br>438700 |
| 15     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Farm Drainage<br/>                     Location: Location Description Not Available<br/>                     Authority: Environment Agency, North West Region<br/>                     Pollutant: Silage Liquor<br/>                     Note: Tributary Calder<br/>                     Incident Date: 30th December 1993<br/>                     Incident Reference: 93330341<br/>                     Catchment Area: Calder - Lancs<br/>                     Receiving Water: Not Given<br/>                     Cause of Incident: Unknown<br/>                     Incident Severity: Category 3 - Minor Incident<br/>                     Positional Accuracy: Located by supplier to within 100m</p>   | A8SE (S)                               | 661                          | 3       | 374400<br>437300 |
| 16     | <p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given<br/>                     Location: Lancashire<br/>                     Authority: Environment Agency, North West Region<br/>                     Pollutant: Not Given<br/>                     Note: None Pollution Found<br/>                     Incident Date: 27th May 1992<br/>                     Incident Reference: 92330169<br/>                     Catchment Area: Calder - Lancs<br/>                     Receiving Water: Not Given<br/>                     Cause of Incident: Not Given<br/>                     Incident Severity: Category 3 - Minor Incident<br/>                     Positional Accuracy: Located by supplier to within 100m</p>  | A19NW (NE)                             | 668                          | 3       | 374500<br>438700 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 17     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Rubble/Litter Or Solids<br>Note: Barrow Brook; Waste Plastic Cont.<br>Incident Date: 28th November 1991<br>Incident Reference: 91340113<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                  | A12NE (NW)                             | 672                          | 3       | 373500<br>438300 |
| 18     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Other Oil<br>Note: Tributary Calder; Oil/Silt<br>Incident Date: 12th June 1993<br>Incident Reference: 93330178<br>Catchment Area: Calder - Lancs<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m  | A7NE (SW)                              | 701                          | 3       | 373500<br>437600 |
| 18     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Pollution Found Source Not Determined<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Miscellaneous - Unknown<br>Note: Tributary River Calder<br>Incident Date: 15th July 1993<br>Incident Reference: 93330217<br>Catchment Area: Calder - Lancs<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                         | A7NE (SW)                              | 703                          | 3       | 373500<br>437595 |
| 19     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Rubble/Litter Or Solids<br>Note: Barrow Brook<br>Incident Date: 12th May 1993<br>Incident Reference: 93340033<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m  | A12NW (W)                              | 743                          | 3       | 373400<br>438200 |
| 20     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Private Sewage: Sewage Works And Septic Tanks<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Sewage - Septic Tank Effluent<br>Note: Tributary Barrow Brook<br>Incident Date: 15th June 1993<br>Incident Reference: 93340046<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A17NE (NW)                             | 766                          | 3       | 373800<br>438800 |
| 21     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Spillage; Accident - Static Site<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Filter Backwash Water<br>Note: Tributary Calder<br>Incident Date: 14th June 1993<br>Incident Reference: 93330180<br>Catchment Area: Calder - Lancs<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m                                | A7NW (SW)                              | 790                          | 3       | 373400<br>437600 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 22     | <p><b>Substantiated Pollution Incident Register</b></p> <p>Authority: Environment Agency - North West Region, North Area<br/>           Incident Date: 23rd September 2015<br/>           Incident Reference: 1375313<br/>           Water Impact: Category 2 - Significant Incident<br/>           Air Impact: Category 4 - No Impact<br/>           Land Impact: Category 4 - No Impact<br/>           Positional Accuracy: Located by supplier to within 10m<br/>           Pollutant: Contaminated Water: Suspended Solids</p>  | A13NW (W)                              | 256                          | 3       | 373886<br>438125 |
| 23     | <p><b>Water Abstractions</b></p> <p>Operator: Pendle View Fisheries Ltd<br/>           Licence Number: 2671309044<br/>           Permit Version: 102<br/>           Location: Reservoir At Barrow , Blackburn<br/>           Authority: Environment Agency, North West Region<br/>           Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow<br/>           Abstraction Type: Water may be abstracted from a single point<br/>           Source: Surface<br/>           Daily Rate (m3): Not Supplied<br/>           Yearly Rate (m3): Not Supplied<br/>           Details: Land &amp; Premises-Whalley Trout Fisher<br/>           Authorised Start: 01 January<br/>           Authorised End: 31 December<br/>           Permit Start Date: 26th October 2001<br/>           Permit End Date: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 100m</p>          | A13NE (NE)                             | 111                          | 3       | 374300<br>438100 |
| 23     | <p><b>Water Abstractions</b></p> <p>Operator: Howard Rayner &amp; Associates<br/>           Licence Number: 2671309044<br/>           Permit Version: 101<br/>           Location: Reservoir At Barrow , Blackburn<br/>           Authority: Environment Agency, North West Region<br/>           Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow<br/>           Abstraction Type: Water may be abstracted from a single point<br/>           Source: Surface<br/>           Daily Rate (m3): 655<br/>           Yearly Rate (m3): 238938<br/>           Details: Land &amp; Premises-Whalley Trout Fisher<br/>           Authorised Start: 01 January<br/>           Authorised End: 31 December<br/>           Permit Start Date: 11th October 1999<br/>           Permit End Date: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 100m</p>                    | A13NE (NE)                             | 111                          | 3       | 374300<br>438100 |
| 24     | <p><b>Water Abstractions</b></p> <p>Operator: Pendle View Fisheries Ltd<br/>           Licence Number: 2671309052<br/>           Permit Version: 2<br/>           Location: Land At Pendle View Fisheries, Clitheroe<br/>           Authority: Environment Agency, North West Region<br/>           Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss)<br/>           Abstraction Type: Water may be abstracted from a single point<br/>           Source: Groundwater<br/>           Daily Rate (m3): Not Supplied<br/>           Yearly Rate (m3): Not Supplied<br/>           Details: Not Supplied<br/>           Authorised Start: 01 January<br/>           Authorised End: 31 December<br/>           Permit Start Date: 29th June 2004<br/>           Permit End Date: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 10m</p>      | A13NE (N)                              | 207                          | 3       | 374240<br>438310 |
| 25     | <p><b>Water Abstractions</b></p> <p>Operator: Pendle View Fisheries Ltd<br/>           Licence Number: 2671309047<br/>           Permit Version: 102<br/>           Location: Spring Fed Storage Tank At Barrow , Blackburn<br/>           Authority: Environment Agency, North West Region<br/>           Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow<br/>           Abstraction Type: Water may be abstracted from a single point<br/>           Source: Surface<br/>           Daily Rate (m3): Not Supplied<br/>           Yearly Rate (m3): Not Supplied<br/>           Details: Pine Lodge Fishery,Barrow,Blackburn<br/>           Authorised Start: 01 January<br/>           Authorised End: 31 December<br/>           Permit Start Date: 26th October 2001<br/>           Permit End Date: Not Supplied<br/>           Positional Accuracy: Located by supplier to within 100m</p> | A14NW (E)                              | 510                          | 3       | 374700<br>438100 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 25     | <p><b>Water Abstractions</b></p> <p>Operator: Pendle View Fisheries Ltd<br/> Licence Number: 2671309047<br/> Permit Version: 102<br/> Location: Spring Fed Storage Tank At Barrow , Blackburn<br/> Authority: Environment Agency, North West Region<br/> Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Pine Lodge Fishery,Barrow,Blackburn<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 26th October 2001<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>     | A14NW (E)                              | 510                          | 3       | 374700<br>438100 |
| 25     | <p><b>Water Abstractions</b></p> <p>Operator: Howard Rayner &amp; Associates<br/> Licence Number: 2671309047<br/> Permit Version: 101<br/> Location: Spring Fed Storage Tank At Barrow , Blackburn<br/> Authority: Environment Agency, North West Region<br/> Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): 33<br/> Yearly Rate (m3): 123451<br/> Details: Pine Lodge Fishery,Barrow,Blackburn<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 11th October 1999<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>   | A14NW (E)                              | 510                          | 3       | 374700<br>438100 |
| 25     | <p><b>Water Abstractions</b></p> <p>Operator: Howard Rayner &amp; Associates<br/> Licence Number: 2671309047<br/> Permit Version: 101<br/> Location: Spring Fed Storage Tank At Barrow , Blackburn<br/> Authority: Environment Agency, North West Region<br/> Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Pine Lodge Fishery,Barrow,Blackburn<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 11th October 1999<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p> | A14NW (E)                              | 510                          | 3       | 374700<br>438100 |
| 26     | <p><b>Water Abstractions</b></p> <p>Operator: Clitheroe Golf Club Ltd<br/> Licence Number: 2671309036<br/> Permit Version: Not Supplied<br/> Location: Barrow Brook, Pendleton, CLITHEROE<br/> Authority: Environment Agency, North West Region<br/> Abstraction: Industrial &amp; Transfer<br/> Abstraction Type: Not Supplied<br/> Source: Surface<br/> Daily Rate (m3): 11<br/> Yearly Rate (m3): 3404<br/> Details: Additional Purpose: Transfer of water; Licence Status: Revoked<br/> Authorised Start: Not Supplied<br/> Authorised End: Not Supplied<br/> Permit Start Date: Not Supplied<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>  | A12NW (W)                              | 769                          | 3       | 373400<br>438300 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 27     | <p><b>Water Abstractions</b></p> <p>Operator: Mr T Whitewell Mrs A M Wood<br/> Licence Number: 2671336001<br/> Permit Version: 100<br/> Location: Spring At Sheepeate Farm, Wiswell.<br/> Authority: Environment Agency, North West Region<br/> Abstraction: General Agriculture; General Use (Medium Loss)<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): 5<br/> Yearly Rate (m3): 1364<br/> Details: Wiswell Hall Farm, Wiswell, Whalley.<br/> Authorised Start: 01 October<br/> Authorised End: 30 September<br/> Permit Start Date: 11th March 1966<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>                     | A9SW (SE)                              | 926                          | 3       | 374600<br>437100 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Clitheroe Golf Club Ltd<br/> Licence Number: 2671309037<br/> Permit Version: Not Supplied<br/> Location: Clitheroe Golf Club, CLITHEROE<br/> Authority: Environment Agency, North West Region<br/> Abstraction: Not Supplied<br/> Abstraction Type: Not Supplied<br/> Source: Unknown<br/> Daily Rate (m3): 0<br/> Yearly Rate (m3): 0<br/> Details: Impoundment Of Unnamed Stream<br/> Authorised Start: Not Supplied<br/> Authorised End: Not Supplied<br/> Permit Start Date: Not Supplied<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>  | A7NW (SW)                              | 1014                         | 3       | 373200<br>437500 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: A F Scholfield<br/> Licence Number: 2671336006<br/> Permit Version: 100<br/> Location: Spring Fed Tank At Wiswell, Clitheroe<br/> Authority: Environment Agency, North West Region<br/> Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Surface<br/> Daily Rate (m3): 0<br/> Yearly Rate (m3): 133<br/> Details: Manor House Cottage, Moor Lane, Wiswell<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 1st April 1987<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p> | A4NW (SE)                              | 1016                         | 3       | 374600<br>437000 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Clitheroe Golf Club Ltd<br/> Licence Number: 2671309037<br/> Permit Version: Not Supplied<br/> Location: Clitheroe Golf Club, CLITHEROE<br/> Authority: Environment Agency, North West Region<br/> Abstraction: Not Supplied<br/> Abstraction Type: Not Supplied<br/> Source: Unknown<br/> Daily Rate (m3): 0<br/> Yearly Rate (m3): 0<br/> Details: Impoundment Of Unnamed Stream<br/> Authorised Start: Not Supplied<br/> Authorised End: Not Supplied<br/> Permit Start Date: Not Supplied<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>  | A17SW (NW)                             | 1021                         | 3       | 373200<br>438500 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <p><b>Water Abstractions</b></p> <p>Operator: Mr I Heywood<br/> Licence Number: 2671335026<br/> Permit Version: 100<br/> Location: Borehole At Wiswell Moor Meats<br/> Authority: Environment Agency, North West Region<br/> Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss)<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): 27<br/> Yearly Rate (m3): 6819<br/> Details: Land/Premises At Wiswell Moor Meats<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 1st March 1998<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>                          | A5NE (SE)                              | 1702                         | 3       | 375600<br>437000 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Mr I Heywood<br/> Licence Number: 2671335026<br/> Permit Version: 100<br/> Location: Borehole At Wiswell Moor Meats<br/> Authority: Environment Agency, North West Region<br/> Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Land/Premises At Wiswell Moor Meats<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 1st March 1998<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 10m</p>   | A5NE (SE)                              | 1702                         | 3       | 375600<br>437000 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: P Riley<br/> Licence Number: 2671335020<br/> Permit Version: 100<br/> Location: Borehole At Wiswell Moor Farm, Sabden<br/> Authority: Environment Agency, North West Region<br/> Abstraction: General Agriculture; General Use (Medium Loss)<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): 14<br/> Yearly Rate (m3): 4978<br/> Details: Wiswell Moor Farm, Sabden.<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 30th June 1966<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p>   | A5NW (SE)                              | 1734                         | 3       | 375400<br>436700 |
|        | <p><b>Water Abstractions</b></p> <p>Operator: Roy &amp; Kathleen Dent<br/> Licence Number: 2671335008<br/> Permit Version: 101<br/> Location: Borehole At Bramley Farm, Wiswell, Whalley.<br/> Authority: Environment Agency, North West Region<br/> Abstraction: General Agriculture; General Use (Medium Loss)<br/> Abstraction Type: Water may be abstracted from a single point<br/> Source: Groundwater<br/> Daily Rate (m3): Not Supplied<br/> Yearly Rate (m3): Not Supplied<br/> Details: Bramley Farm, Wiswell, Whalley, Lancs.<br/> Authorised Start: 01 January<br/> Authorised End: 31 December<br/> Permit Start Date: 28th November 2003<br/> Permit End Date: Not Supplied<br/> Positional Accuracy: Located by supplier to within 100m</p> | A5NW (SE)                              | 1740                         | 3       | 375500<br>436800 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>Water Abstractions</b><br>Operator: Ralph Holgate<br>Licence Number: 2671335008<br>Permit Version: 100<br>Location: Borehole At Bramley Farm,Wisnell, Whalley.<br>Authority: Environment Agency, North West Region<br>Abstraction: General Agriculture; General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 14<br>Yearly Rate (m3): 4978<br>Details: Bramley Farm,Wiswell,Whalley,Lancs.<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 4th April 1966<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A5NW (SE)                              | 1740                         | 3       | 375500<br>436800 |
|        | <b>Groundwater Vulnerability</b><br>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<br>Map Sheet: Sheet 10 Central Lancashire<br>Scale: 1:100,000  | A13SE (S)                              | 0                            | 3       | 374155<br>438018 |
|        | <b>Drift Deposits</b><br>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<br>Map Sheet: Sheet 10 Central Lancashire<br>Scale: 1:100,000  | A13SE (S)                              | 0                            | 3       | 374155<br>438018 |
|        | <b>Bedrock Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - A   | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Superficial Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - Undifferentiated  | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>None   |  |                              |         |                  |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>None   |  |                              |         |                  |
|        | <b>Areas Benefiting from Flood Defences</b><br>None   |  |                              |         |                  |
|        | <b>Flood Water Storage Areas</b><br>None  |  |                              |         |                  |
|        | <b>Flood Defences</b><br>None   |  |                              |         |                  |
| 28     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Barrow Brook<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | A13NW (N)                              | 5                            | 3       | 374135<br>438119 |
| 29     | <b>Detailed River Network Lines</b><br>River Type: Lake/Reservoir<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:   | A13NE (NE)                             | 69                           | 3       | 374253<br>438132 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 30     | <b>Detailed River Network Lines</b><br>River Type: Lake/Reservoir<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A13NE (NE)                             | 101                          | 3       | 374290<br>438117 |
| 31     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A13NE (E)                              | 103                          | 3       | 374297<br>438075 |
| 32     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A13NE (E)                              | 108                          | 3       | 374297<br>438068 |
| 33     | <b>Detailed River Network Lines</b><br>River Type: Lake/Reservoir<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A13NE (NE)                             | 108                          | 3       | 374273<br>438175 |
| 34     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A13NE (E)                              | 109                          | 3       | 374299<br>438072 |
| 35     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A13SW (S)                              | 113                          | 3       | 374115<br>437816 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 36     | <b>Detailed River Network Lines</b><br>River Type: Lake/Reservoir<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A13NE (NE)                             | 170                          | 3       | 374304<br>438234 |
| 37     | <b>Detailed River Network Lines</b><br>River Type: Lake/Reservoir<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A13NE (NE)                             | 170                          | 3       | 374304<br>438234 |
| 38     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A13NE (NE)                             | 239                          | 3       | 374394<br>438231 |
| 39     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A8NE (S)                               | 246                          | 3       | 374171<br>437672 |
| 40     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A8NE (S)                               | 246                          | 3       | 374171<br>437672 |
| 41     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A8NW (S)                               | 331                          | 3       | 374087<br>437596 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 42     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A8NW (S)                               | 332                          | 3       | 374123<br>437590 |
| 43     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A8NW (S)                               | 338                          | 3       | 374042<br>437603 |
| 44     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A14NW (NE)                             | 355                          | 3       | 374515<br>438247 |
| 45     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A14NW (NE)                             | 355                          | 3       | 374515<br>438247 |
| 46     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A8NE (SE)                              | 378                          | 3       | 374381<br>437607 |
| 47     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A8NE (SE)                              | 378                          | 3       | 374381<br>437607 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 48     | <b>Detailed River Network Lines</b><br>River Type: Lake/Reservoir<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | A18SE (NE)                             | 386                          | 3       | 374420<br>438418 |
| 49     | <b>Detailed River Network Lines</b><br>River Type: Lake/Reservoir<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | A18SE (NE)                             | 386                          | 3       | 374420<br>438418 |
| 50     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | A18SE (NE)                             | 392                          | 3       | 374432<br>438416 |
| 51     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | A14SW (E)                              | 414                          | 3       | 374576<br>437858 |
| 52     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | A14SW (SE)                             | 420                          | 3       | 374579<br>437835 |
| 53     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: D011<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A18SE (NE)                             | 446                          | 3       | 374470<br>438454 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 54     | <b>Detailed River Network Offline Drainage</b><br>River Type: Tertiary River<br>Hydrographic Area: D011 | A18SW (NW)                             | 303                          | 3       | 373969<br>438363 |
| 55     | <b>Detailed River Network Offline Drainage</b><br>River Type: Tertiary River<br>Hydrographic Area: D011 | A18SE (N)                              | 386                          | 3       | 374183<br>438501 |
| 56     | <b>Detailed River Network Offline Drainage</b><br>River Type: Tertiary River<br>Hydrographic Area: D011 | A18SE (N)                              | 411                          | 3       | 374186<br>438526 |
| 57     | <b>Detailed River Network Offline Drainage</b><br>River Type: Tertiary River<br>Hydrographic Area: D011 | A18SW (N)                              | 420                          | 3       | 374079<br>438531 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 58     | <b>Historical Landfill Sites</b><br>Licence Holder: Not Supplied<br>Location: Whalley Road, Whalley, Blackburn, Lancashire<br>Name: Barrow Lake<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD07114<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste: Deposited Waste included Inert Waste<br>Type:<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 2300/0193<br>BGS Ref: Not Supplied<br>Other Ref: K1/03/043 | A13NW (NW)                             | 146                          | 3       | 373999<br>438125 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Ribble Valley Borough Council<br>- Had landfill data but passed it to the relevant environment agency  |  | 0                            | 4       | 374155<br>438018 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Lancashire County Council<br>- Had landfill data but passed it to the relevant environment agency  |  | 0                            | 5       | 374155<br>438018 |
| 59     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A13NE (N)                              | 10                           | -       | 374166<br>438123 |
| 60     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A13SE (S)                              | 98                           | -       | 374209<br>437830 |
| 61     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1895   | A13NW (NW)                             | 229                          | -       | 373917<br>438139 |
| 62     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A13SW (S)                              | 243                          | -       | 374085<br>437686 |
| 63     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A8NW (S)                               | 330                          | -       | 374099<br>437595 |
| 64     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1848   | A12NE (NW)                             | 340                          | -       | 373811<br>438174 |
| 65     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A18SE (NE)                             | 345                          | -       | 374380<br>438396 |
| 66     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A14SW (SE)                             | 428                          | -       | 374583<br>437819 |
| 67     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A12NE (NW)                             | 522                          | -       | 373641<br>438245 |
| 68     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A8SW (S)                               | 612                          | -       | 373983<br>437335 |
| 69     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A9NW (SE)                              | 619                          | -       | 374547<br>437430 |
| 70     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A8SW (S)                               | 691                          | -       | 373886<br>437282 |
| 71     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A9NW (SE)                              | 699                          | -       | 374768<br>437562 |
| 72     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955   | A9NW (SE)                              | 701                          | -       | 374729<br>437500 |



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| 73     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955 | A9NW (SE)                              | 705                          | -       | 374717<br>437478 |
| 74     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955 | A9SW (SE)                              | 706                          | -       | 374560<br>437332 |
| 75     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955 | A9SW (SE)                              | 708                          | -       | 374505<br>437296 |
| 76     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955 | A9SW (SE)                              | 712                          | -       | 374547<br>437316 |
| 77     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955 | A9SW (SE)                              | 742                          | -       | 374575<br>437299 |
| 78     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1895 | A9SW (SE)                              | 790                          | -       | 374601<br>437259 |
| 79     | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1955 | A9SW (SE)                              | 937                          | -       | 374673<br>437130 |

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|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Bowland High Group And Craven Group (Undifferentiated)  | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: 3.0 - 6.0 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg      | A13SE (S)                              | 0                            | 2       | 374155<br>438000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: 1.8 - 2.2 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg      | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg      | A13SW (W)                              | 116                          | 2       | 374000<br>438018 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: 2.2 - 3.0 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg      | A14SW (E)                              | 310                          | 2       | 374500<br>438018 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: 3.0 - 6.0 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A14SW (E)                              | 316                          | 2       | 374500<br>438000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg           | A18SE (N)                              | 383                          | 2       | 374155<br>438500 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 2.2 - 3.0 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NE (S)                               | 418                          | 2       | 374155<br>437500 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 300 - 600 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A12SE (W)                              | 617                          | 2       | 373500<br>438018 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 3.0 - 6.0 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A9NW (SE)                              | 781                          | 2       | 374801<br>437463 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 3.0 - 6.0 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A14SE (E)                              | 810                          | 2       | 375000<br>438018 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium >6.0 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A14SE (E)                              | 814                          | 2       | 375000<br>438000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium >6.0 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A9NE (SE)                              | 894                          | 2       | 375000<br>437596 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: 2.2 - 3.0 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <100 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | A3NE (S)                               | 918                          | 2       | 374155<br>437000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: 2.2 - 3.0 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: 100 - 200 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration: | A4NW (S)                               | 977                          | 2       | 374500<br>437000 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>No data available  |  |                              |         |                  |
|        | <b>BGS Urban Soil Chemistry Averages</b><br>No data available  |  |                              |         |                  |
|        | <b>Coal Mining Affected Areas</b><br>In an area that might not be affected by coal mining  |  |                              |         |                  |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (SE)                             | 0                            | 2       | 374181<br>437991 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A13NE (N)                              | 127                          | 2       | 374200<br>438237 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service  | A13SE (S)                              | 0                            | 2       | 374155<br>438018 |

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| 80     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Whittle Eastern Europe Logistics Ltd<br/>           Location: Unit 7, Ribble Valley Enterprise Park, Hey Road, Barrow, Clitheroe, BB7 9WA<br/>           Classification: Road Haulage Services<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                | A13NW (NW)                             | 181                          | -       | 373968<br>438148 |
| 81     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Texaco<br/>           Location: Ribble Valley Enterprise Park, Barrow, Clitheroe, Lancashire, BB7 9WF<br/>           Classification: Petrol Filling Stations<br/> <b>Status: Active</b><br/>           Positional Accuracy: Manually positioned to the address or location</p>   | A13NW (N)                              | 207                          | -       | 374074<br>438311 |
| 82     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Walker Preservations<br/>           Location: 13, Trafford Gardens, Barrow, Clitheroe, Lancashire, BB7 9AX<br/>           Classification: Damp &amp; Dry Rot Control<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>  | A12NE (NW)                             | 455                          | -       | 373749<br>438338 |
| 83     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Dick Leigh<br/>           Location: Ashleigh, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9AQ<br/>           Classification: Lawnmowers &amp; Garden Machinery - Sales &amp; Service<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                 | A7NE (SW)                              | 542                          | -       | 373637<br>437679 |
| 84     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Healthy Options<br/>           Location: 1, Meadow Court, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9AE<br/>           Classification: Pet Foods &amp; Animal Feeds<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>         | A7NE (SW)                              | 553                          | -       | 373678<br>437596 |
| 84     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Whalley Motor Bodies<br/>           Location: 4, Meadow Court, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9AE<br/>           Classification: Car Body Repairs<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>              | A7NE (SW)                              | 576                          | -       | 373669<br>437571 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Red Moon Catering<br/>           Location: Unit 5, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, BB7 9AH<br/>           Classification: Catering Equipment<br/> <b>Status: Active</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                                      | A7NE (SW)                              | 592                          | -       | 373632<br>437592 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Chaigley Coach Works Ltd<br/>           Location: Unit 5, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>           Classification: Horse Boxes &amp; Transporting<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>     | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Carall Garments<br/>           Location: Unit 1, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>           Classification: Clothing &amp; Fabrics - Manufacturers<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>      | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: British Tufting Supplies<br/>           Location: Unit 4, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>           Classification: Carpets &amp; Rugs - Manufacturers<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p> | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: T D Landrovers<br/>           Location: Unit 8, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>           Classification: Car Dealers<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                                  | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |

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| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cherry Automation<br/>Location: Unit 7, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>Classification: Electrical Engineers<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p>                      | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Cleanchange<br/>Location: Unit 12, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>Classification: Janitorial Equipment - Servicing &amp; Repairs<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p> | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: A &amp; K Tyres<br/>Location: Unit 8, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>Classification: Tyre Dealers<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p>                                | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Abbey Electronics<br/>Location: Unit 11, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>Classification: Machinery - Industrial &amp; Commercial<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p>  | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: S P C N C Engineering Ltd<br/>Location: Unit 4, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>Classification: Precision Engineers<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p>               | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Adremit<br/>Location: Unit 2, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>Classification: Air Purification Equipment<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p>                          | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Enhance Glass Solutions<br/>Location: Unit 1a, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>Classification: Window Tinting<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p>                     | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Gee-Up Equine<br/>Location: Unit 2, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9AH<br/>Classification: Laundry Equipment - Sales &amp; Service<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p>       | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Knight Labels<br/>Location: Unit 5, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9AH<br/>Classification: Printers<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p>                                      | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Clitheroe Plastics Centre<br/>Location: Unit 12, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9WP<br/>Classification: Window Frame Manufacturers<br/><b>Status: Inactive</b><br/>Positional Accuracy: Automatically positioned to the address</p>       | A7NE (SW)                              | 607                          | -       | 373613<br>437593 |

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| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Uk Precision Engineering Ltd<br/>           Location: Unit 3 Meadow Court Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9AH<br/>           Classification: Precision Engineers<br/> <b>Status: Active</b><br/>           Positional Accuracy: Manually positioned within the geographical locality</p> | A7NE (SW)                              | 608                          | -       | 373613<br>437593 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Geeup Equine Laundry<br/>           Location: Unit 2, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, BB7 9WP<br/>           Classification: Laundry Equipment - Sales &amp; Service<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                        | A7NE (SW)                              | 610                          | -       | 373594<br>437618 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Nuttall Furniture Designs<br/>           Location: Unit 7, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, BB7 9AH<br/>           Classification: Furniture Manufacturers - Home &amp; Office<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>               | A7NE (SW)                              | 618                          | -       | 373612<br>437577 |
| 85     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: In Furniture<br/>           Location: Unit 7, Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, BB7 9AH<br/>           Classification: Furniture Manufacturers - Home &amp; Office<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                            | A7NE (SW)                              | 618                          | -       | 373612<br>437577 |
| 86     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Atlantik A V<br/>           Location: Hollybank, Pendleton Road, Wiswell, Clitheroe, Lancashire, BB7 9BZ<br/>           Classification: Lawnmowers &amp; Garden Machinery - Sales &amp; Service<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Automatically positioned to the address</p>                         | A9NW (SE)                              | 709                          | -       | 374821<br>437644 |
| 87     | <p><b>Contemporary Trade Directory Entries</b></p> <p>Name: B &amp; H Transport<br/>           Location: Clitheroe Rd, Barrow, Clitheroe, Lancashire, BB7 9AQ<br/>           Classification: Road Haulage Services<br/> <b>Status: Inactive</b><br/>           Positional Accuracy: Manually positioned to the road within the address or location</p>   | A7SE (SW)                              | 892                          | -       | 373481<br>437308 |
| 88     | <p><b>Fuel Station Entries</b></p> <p>Name: Co-Op Clitheroe<br/>           Location: Ribble Valley Enterprise Park, Clitheroe, Lancashire, BB7 9HW<br/>           Brand: Texaco<br/>           Premises Type: Petrol Station<br/> <b>Status: Open</b><br/>           Positional Accuracy: Manually positioned to the address or location</p>   | A13NW (N)                              | 207                          | -       | 374074<br>438311 |
| 89     | <p><b>Fuel Station Entries</b></p> <p>Name: Pendle Garage<br/>           Location: Clitheroe Road, Barrow, Clitheroe, Lancashire, BB7 9AQ<br/>           Brand: Gulf<br/>           Premises Type: Not Applicable<br/> <b>Status: Obsolete</b><br/>           Positional Accuracy: Automatically positioned to the address</p>   | A7NE (SW)                              | 663                          | -       | 373559<br>437575 |
| 90     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Co-Op Clitheroe<br/>           Location: Ribble Valley Enterprise Park, Clitheroe, BB7 9HW<br/>           Category: Personal, Consumer and other Services<br/>           Class Code: Vehicle Cleaning Services<br/>           Positional Accuracy: Positioned to address or location</p>   | A13NW (N)                              | 177                          | 6       | 374121<br>438292 |
| 90     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Car Wash<br/>           Location: Ribble Valley Enterprise Park, Clitheroe, Lancashire, BB7 9HW<br/>           Category: Personal, Consumer and other Services<br/>           Class Code: Vehicle Cleaning Services<br/>           Positional Accuracy: Positioned to address or location</p>                                    | A13NW (N)                              | 177                          | 6       | 374121<br>438292 |
| 91     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Direct Trailers<br/>           Location: Suite 5-6 The Printworks Ribble Valley Enterprise Park, Hey Road, Barrow, Clitheroe, BB7 9WB<br/>           Category: Transport, Storage and Delivery<br/>           Class Code: Distribution and Haulage<br/>           Positional Accuracy: Positioned to address or location</p>     | A13NW (NW)                             | 181                          | 6       | 373968<br>438148 |



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| 91     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Whittle Eastern Europe Logistics<br/>           Location: The Printworks Ribble Valley Enterprise Park, Hey Road, Barrow, Clitheroe, BB7 9WA<br/>           Category: Transport, Storage and Delivery<br/>           Class Code: Distribution and Haulage<br/>           Positional Accuracy: Positioned to address or location</p>            | A13NW (NW)                             | 184                          | 6       | 373964<br>438142 |
| 91     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Whittle Eastern Europe Logistics Ltd<br/>           Location: Unit 2 The Printworks Ribble Valley Enterprise Park, Hey Road, Barrow, Clitheroe, BB7 9WA<br/>           Category: Transport, Storage and Delivery<br/>           Class Code: Distribution and Haulage<br/>           Positional Accuracy: Positioned to address or location</p> | A13NW (NW)                             | 184                          | 6       | 373964<br>438142 |
| 92     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Whalley Motor Bodies<br/>           Location: 1 Meadow Court Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, BB7 9AE<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>                      | A7NE (SW)                              | 553                          | 6       | 373678<br>437596 |
| 92     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Whalley Automotive Centre<br/>           Location: Unit 3 Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, BB7 9WP<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>                         | A7NE (SW)                              | 569                          | 6       | 373672<br>437578 |
| 92     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: J &amp; L Auto's<br/>           Location: Unit 3 Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, BB7 9WP<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>                                  | A7NE (SW)                              | 569                          | 6       | 373672<br>437578 |
| 92     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: J &amp; L Autos<br/>           Location: Unit 3 Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, BB7 9WP<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>                                   | A7NE (SW)                              | 569                          | 6       | 373672<br>437578 |
| 92     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Whalley Motor Bodies<br/>           Location: 4 Meadow Court Whalley Industrial Park, Clitheroe Road, Barrow, Clitheroe, BB7 9AE<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>                      | A7NE (SW)                              | 576                          | 6       | 373669<br>437571 |
| 93     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Wiswell Garage<br/>           Location: Cunliffe Lane, Wiswell, Clitheroe, BB7 9BT<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>  | A9NW (SE)                              | 627                          | 6       | 374670<br>437544 |
| 93     | <p><b>Points of Interest - Commercial Services</b></p> <p>Name: Wiswell Garage<br/>           Location: Cunliffe Lane, Wiswell, Clitheroe, BB7 9BT<br/>           Category: Repair and Servicing<br/>           Class Code: Vehicle Repair, Testing and Servicing<br/>           Positional Accuracy: Positioned to address or location</p>  | A9NW (SE)                              | 627                          | 6       | 374670<br>437544 |
| 94     | <p><b>Points of Interest - Manufacturing and Production</b></p> <p>Name: Tank<br/>           Location: BB7<br/>           Category: Industrial Features<br/>           Class Code: Tanks (Generic)<br/>           Positional Accuracy: Positioned to address or location</p>   | A13NE (NE)                             | 54                           | 6       | 374242<br>438109 |
| 95     | <p><b>Points of Interest - Manufacturing and Production</b></p> <p>Name: M &amp; J Tennant<br/>           Location: Hawthorn Farm, Whalley Road, Barrow, Clitheroe, BB7 9BA<br/>           Category: Farming<br/>           Class Code: Livestock Farming<br/>           Positional Accuracy: Positioned to address or location</p>  | A18SW (NW)                             | 554                          | 6       | 373839<br>438578 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 96     | <b>Points of Interest - Manufacturing and Production</b><br>Name: P Bowen<br>Location: Park Farm, Whalley Road, Barrow, Clitheroe, BB7 9BD<br>Category: Farming<br>Class Code: Livestock Farming<br>Positional Accuracy: Positioned to address or location             | A18NE (NE)                             | 723                          | 6       | 374476<br>438773 |
| 96     | <b>Points of Interest - Manufacturing and Production</b><br>Name: P Bowen & Son<br>Location: Park Farm, Whalley Road, Barrow, Clitheroe, BB7 9BD<br>Category: Farming<br>Class Code: Livestock Farming<br>Positional Accuracy: Positioned to address or location       | A18NE (NE)                             | 723                          | 6       | 374476<br>438773 |
| 97     | <b>Points of Interest - Manufacturing and Production</b><br>Name: J Wood<br>Location: Wiswell Hall Farm, Wiswell Lane, Whalley, Clitheroe, BB7 9AF<br>Category: Farming<br>Class Code: Livestock Farming<br>Positional Accuracy: Positioned to address or location     | A8SE (S)                               | 777                          | 6       | 374465<br>437201 |
| 98     | <b>Points of Interest - Public Infrastructure</b><br>Name: Sluice<br>Location: BB7<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location   | A13NE (NE)                             | 89                           | 6       | 374259<br>438163 |
| 99     | <b>Points of Interest - Public Infrastructure</b><br>Name: Texaco<br>Location: Ribble Valley Enterprise Park, Barrow, Clitheroe, BB7 9WF<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location  | A13NW (N)                              | 207                          | 6       | 374074<br>438311 |
| 99     | <b>Points of Interest - Public Infrastructure</b><br>Name: Co-Op Clitheroe<br>Location: Ribble Valley Enterprise Park, Clitheroe, BB7 9HW<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A13NW (N)                              | 207                          | 6       | 374074<br>438311 |
| 100    | <b>Points of Interest - Public Infrastructure</b><br>Name: Pendle Garage<br>Location: Clitheroe Road, Barrow, Clitheroe, BB7 9AQ<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location          | A7NE (SW)                              | 663                          | 6       | 373559<br>437575 |
| 101    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Washbrook Close, BB7<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location   | A13NW (NW)                             | 367                          | 6       | 373845<br>438326 |
| 101    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                                    | A13NW (NW)                             | 369                          | 6       | 373844<br>438328 |
| 101    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                                    | A18SW (NW)                             | 437                          | 6       | 373817<br>438403 |
| 101    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Washbrook Close, BB7<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location  | A17SE (NW)                             | 439                          | 6       | 373813<br>438402 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 102    | <b>Areas of Outstanding Natural Beauty</b><br>Name: Forest Of Bowland<br>Multiple Areas: Y<br>Total Area (m2): 805733322.666<br>Designation Date: 28th February 1964<br>Source: Natural England  | A14SE (E)                              | 866                          | 7       | 375046<br>437934 |
| 103    | <b>Sites of Special Scientific Interest</b><br>Name: Light Clough<br>Multiple Areas: N<br>Total Area (m2): 4863.69<br>Source: Natural England<br>Reference: 1001428<br>Designation Details: Site Of Special Scientific Interest<br>Designation Date: 30th March 1984<br>Date Type: Notified<br>Designation Details: Geological Conservation Review<br>Designation Date: 30th March 1984<br>Date Type: Notified | A9NE (E)                               | 982                          | 7       | 375111<br>437651 |

| Agency & Hydrological   | Version  | Update Cycle   |
|---|--|--|
| <b>Contaminated Land Register Entries and Notices</b><br>Pendle Borough Council - Environmental Health Department<br>Burnley Borough Council - Planning and Environment<br>Hyndburn Borough Council - Environmental Health Department<br>Ribble Valley Borough Council - Environmental Health Department                | April 2014<br>February 2013<br>July 2013<br>October 2014     | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - North West Region   | July 2016  | Quarterly  |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - North West Region  | March 2013   | As notified  |
| <b>Integrated Pollution Controls</b><br>Environment Agency - North West Region  | October 2008   | Not Applicable   |
| <b>Integrated Pollution Prevention And Control</b><br>Environment Agency - North West Region  | July 2016  | Quarterly  |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>Ribble Valley Borough Council - Environmental Health Department<br>Burnley Borough Council - Planning and Environment<br>Hyndburn Borough Council - Environmental Health Department<br>Pendle Borough Council - Environmental Health Department   | June 2014<br>November 2014<br>October 2014<br>September 2013 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Controls</b><br>Pendle Borough Council - Environmental Health Department<br>Ribble Valley Borough Council - Environmental Health Department<br>Burnley Borough Council - Planning and Environment<br>Hyndburn Borough Council - Environmental Health Department             | April 2015<br>June 2014<br>November 2014<br>October 2014     | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Pendle Borough Council - Environmental Health Department<br>Ribble Valley Borough Council - Environmental Health Department<br>Burnley Borough Council - Planning and Environment<br>Hyndburn Borough Council - Environmental Health Department | April 2015<br>June 2014<br>November 2014<br>October 2014     | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey   | July 2012  | Quarterly  |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - North West Region   | January 2000   | Not Applicable   |
| <b>Prosecutions Relating to Authorised Processes</b><br>Environment Agency - North West Region  | March 2013   | As notified  |
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - North West Region   | March 2013   | As notified  |
| <b>River Quality</b><br>Environment Agency - Head Office  | November 2001  | Not Applicable   |
| <b>River Quality Biology Sampling Points</b><br>Environment Agency - Head Office  | July 2012  | Annually   |
| <b>River Quality Chemistry Sampling Points</b><br>Environment Agency - Head Office  | July 2012  | Annually   |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency - North West Region - Central Area<br>Environment Agency - North West Region - North Area  | July 2016<br>July 2016                                       | Quarterly<br>Quarterly   |
| <b>Water Abstractions</b><br>Environment Agency - North West Region   | July 2016  | Quarterly  |
| <b>Water Industry Act Referrals</b><br>Environment Agency - North West Region   | July 2016  | Quarterly  |
| <b>Groundwater Vulnerability</b><br>Environment Agency - Head Office  | April 2015   | Not Applicable   |

| Agency & Hydrological   | Version      | Update Cycle   |
|---|--------------|----------------|
| <b>Drift Deposits</b><br>Environment Agency - Head Office   | January 1999 | Not Applicable |
| <b>Bedrock Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service            | August 2015  | As notified    |
| <b>Superficial Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service        | August 2015  | As notified    |
| <b>Source Protection Zones</b><br>Environment Agency - Head Office  | August 2016  | Quarterly      |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                       | August 2016  | Quarterly      |
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                               | August 2016  | Quarterly      |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office                                       | August 2016  | Quarterly      |
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office  | August 2016  | Quarterly      |
| <b>Flood Defences</b><br>Environment Agency - Head Office   | August 2016  | Quarterly      |
| <b>Detailed River Network Lines</b><br>Environment Agency - Head Office   | March 2012   | Annually       |
| <b>Detailed River Network Offline Drainage</b><br>Environment Agency - Head Office                                    | March 2012   | Annually       |
| <b>Surface Water 1 in 30 year Flood Extent</b><br>Environment Agency - Head Office                                    | October 2013 | As notified    |
| <b>Surface Water 1 in 100 year Flood Extent</b><br>Environment Agency - Head Office                                   | October 2013 | As notified    |
| <b>Surface Water 1 in 1000 year Flood Extent</b><br>Environment Agency - Head Office                                  | October 2013 | As notified    |
| <b>Surface Water Suitability</b><br>Environment Agency - Head Office  | October 2013 | As notified    |
| <b>BGS Groundwater Flooding Susceptibility</b><br>British Geological Survey - National Geoscience Information Service | May 2013     | Annually       |

| Waste  | Version  | Update Cycle   |
|--|--|--|
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service  | June 1996  | Not Applicable   |
| <b>Historical Landfill Sites</b><br>Environment Agency - Head Office   | August 2016  | Quarterly  |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - North West Region   | October 2008   | Not Applicable   |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - North West Region - Central Area<br>Environment Agency - North West Region - North Area  | August 2016<br>August 2016                                 | Quarterly<br>Quarterly   |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - North West Region - Central Area<br>Environment Agency - North West Region - North Area  | July 2016<br>July 2016                                     | Quarterly<br>Quarterly   |
| <b>Local Authority Landfill Coverage</b><br>Burnley Borough Council<br>Hyndburn Borough Council - Environmental Health Department<br>Lancashire County Council - Waste Management Group<br>Pendle Borough Council - Environmental Health Department<br>Ribble Valley Borough Council - Environmental Health Department       | May 2000<br>May 2000<br>May 2000<br>May 2000<br>May 2000   | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Local Authority Recorded Landfill Sites</b><br>Pendle Borough Council - Environmental Health Department<br>Burnley Borough Council<br>Hyndburn Borough Council - Environmental Health Department<br>Lancashire County Council - Waste Management Group<br>Ribble Valley Borough Council - Environmental Health Department | April 2003<br>May 2000<br>May 2000<br>May 2000<br>May 2000 | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Potentially Infilled Land (Non-Water)</b><br>Landmark Information Group Limited   | December 1999  | Not Applicable   |
| <b>Potentially Infilled Land (Water)</b><br>Landmark Information Group Limited   | December 1999  | Not Applicable   |
| <b>Registered Landfill Sites</b><br>Environment Agency - North West Region - Central Area<br>Environment Agency - North West Region - North Area   | March 2003<br>March 2003                                   | Not Applicable<br>Not Applicable   |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - North West Region - Central Area<br>Environment Agency - North West Region - North Area   | March 2003<br>March 2003                                   | Not Applicable<br>Not Applicable   |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - North West Region - Central Area<br>Environment Agency - North West Region - North Area  | March 2003<br>March 2003                                   | Not Applicable<br>Not Applicable   |

| Hazardous Substances  | Version   | Update Cycle  |
|---|---|---|
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive   | July 2016   | Bi-Annually   |
| <b>Explosive Sites</b><br>Health and Safety Executive   | September 2016  | Bi-Annually   |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive   | November 2000   | Not Applicable  |
| <b>Planning Hazardous Substance Enforcements</b><br>Burnley Borough Council - Planning Services<br>Hyndburn Borough Council - Planning<br>Lancashire County Council<br>Pendle Borough Council - Planning<br>Ribble Valley Borough Council | February 2016<br>February 2016<br>February 2016<br>February 2016<br>February 2016 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Planning Hazardous Substance Consents</b><br>Burnley Borough Council - Planning Services<br>Hyndburn Borough Council - Planning<br>Lancashire County Council<br>Pendle Borough Council - Planning<br>Ribble Valley Borough Council     | February 2016<br>February 2016<br>February 2016<br>February 2016<br>February 2016 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| Geological  | Version   | Update Cycle  |
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service   | January 2009  | Not Applicable  |
| <b>BGS Estimated Soil Chemistry</b><br>British Geological Survey - National Geoscience Information Service  | October 2015  | As notified   |
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service  | May 2016  | Bi-Annually   |
| <b>Brine Compensation Area</b><br>Cheshire Brine Subsidence Compensation Board  | August 2011   | Not Applicable  |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Property Searches   | March 2014  | As notified   |
| <b>Mining Instability</b><br>Ove Arup & Partners  | October 2000  | Not Applicable  |
| <b>Non Coal Mining Areas of Great Britain</b><br>British Geological Survey - National Geoscience Information Service  | May 2015  | Not Applicable  |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service  | June 2015   | Annually  |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service   | June 2015   | Annually  |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service  | June 2015   | Annually  |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service  | June 2015   | Annually  |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service   | June 2015   | Annually  |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service   | June 2015   | Annually  |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service  | July 2011   | As notified   |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service   | July 2011   | As notified   |

| Industrial Land Use  | Version        | Update Cycle |
|--|----------------|--------------|
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories   | September 2016 | Quarterly    |
| <b>Fuel Station Entries</b><br>Catalist Ltd - Experian               | July 2016      | Quarterly    |
| <b>Gas Pipelines</b><br>National Grid                                | July 2014      | Quarterly    |
| <b>Points of Interest - Commercial Services</b><br>PointX            | September 2016 | Quarterly    |
| <b>Points of Interest - Education and Health</b><br>PointX           | September 2016 | Quarterly    |
| <b>Points of Interest - Manufacturing and Production</b><br>PointX   | September 2016 | Quarterly    |
| <b>Points of Interest - Public Infrastructure</b><br>PointX          | September 2016 | Quarterly    |
| <b>Points of Interest - Recreational and Environmental</b><br>PointX | September 2016 | Quarterly    |
| <b>Underground Electrical Cables</b><br>National Grid                | January 2016   | Bi-Annually  |

| Sensitive Land Use   | Version  | Update Cycle   |
|--|--|--|
| <b>Ancient Woodland</b><br>Natural England   | August 2016  | Bi-Annually  |
| <b>Areas of Adopted Green Belt</b><br>Burnley Borough Council<br>Hyndburn Borough Council<br>Pendle Borough Council<br>Ribble Valley Borough Council   | September 2016<br>September 2016<br>September 2016<br>September 2016 | As notified<br>As notified<br>As notified<br>As notified |
| <b>Areas of Unadopted Green Belt</b><br>Burnley Borough Council<br>Hyndburn Borough Council<br>Pendle Borough Council<br>Ribble Valley Borough Council | September 2016<br>September 2016<br>September 2016<br>September 2016 | As notified<br>As notified<br>As notified<br>As notified |
| <b>Areas of Outstanding Natural Beauty</b><br>Natural England  | April 2016   | Bi-Annually  |
| <b>Environmentally Sensitive Areas</b><br>Natural England  | September 2016   | Annually   |
| <b>Forest Parks</b><br>Forestry Commission   | April 1997   | Not Applicable   |
| <b>Local Nature Reserves</b><br>Natural England  | April 2016   | Bi-Annually  |
| <b>Marine Nature Reserves</b><br>Natural England   | September 2016   | Bi-Annually  |
| <b>National Nature Reserves</b><br>Natural England   | September 2016   | Bi-Annually  |
| <b>National Parks</b><br>Natural England   | August 2016  | Bi-Annually  |
| <b>Nitrate Sensitive Areas</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)   | April 2016   | Not Applicable   |
| <b>Nitrate Vulnerable Zones</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)  | October 2015   | Annually   |
| <b>Ramsar Sites</b><br>Natural England   | April 2016   | Bi-Annually  |
| <b>Sites of Special Scientific Interest</b><br>Natural England   | April 2016   | Bi-Annually  |
| <b>Special Areas of Conservation</b><br>Natural England  | April 2016   | Bi-Annually  |
| <b>Special Protection Areas</b><br>Natural England   | April 2016   | Bi-Annually  |
| <b>World Heritage Sites</b><br>English Heritage - National Monument Record Centre  | September 2015   | 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              |  <p><b>British Geological Survey</b><br/>NATURAL ENVIRONMENT RESEARCH COUNCIL</p>          |
| Centre for Ecology and Hydrology       |  <p><b>Centre for Ecology &amp; Hydrology</b><br/>NATURAL ENVIRONMENT RESEARCH COUNCIL</p> |
| Natural Resources Wales                |   |
| Scottish Natural Heritage              |    |
| Natural England                        |    |
| Public Health England                  |    |
| Ove Arup                               |    |
| Peter Brett Associates                 |    |

| Contact | Name and Address  | Contact Details   |
|---------|---|---|
| 2       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
| 3       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY  | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk  |
| 4       | <b>Ribble Valley Borough Council - Environmental Health Department</b><br>Council Offices, Church Walk, Clitheroe, Lancashire, BB7 2RA                      | Telephone: 01200 425111<br>Fax: 01200 26339<br>Website: www.ribblevalley.gov.uk   |
| 5       | <b>Lancashire County Council - Waste Management Group</b><br>Environment Directorate, Guild House, Cross Street, Preston, Lancashire,<br>PR1 8RD            | Website: www.lancashire.gov.uk  |
| 6       | <b>PointX</b><br>7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY   | Website: www.pointx.co.uk   |
| 7       | <b>Natural England</b><br>County Hall, Spetchley Road, Worcester, WR5 2NP   | Telephone: 0300 060 3900<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk                        |
| 8       | <b>Ribble Valley Borough Council</b><br>Council Offices, Church Walk, Clitheroe, Lancashire, BB7 2RA  | Telephone: 01200 425111<br>Fax: 01200 414488<br>Website: www.ribblevalley.gov.uk  |
| 9       | <b>Environment Agency - Head Office</b><br>Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon,<br>BS32 4UD                                  | Telephone: 01454 624400<br>Fax: 01454 624409  |
| -       | <b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ             | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org                             |
| -       | <b>Landmark Information Group Limited</b><br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD  | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

### General

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

### Agency and Hydrological

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

### Waste

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

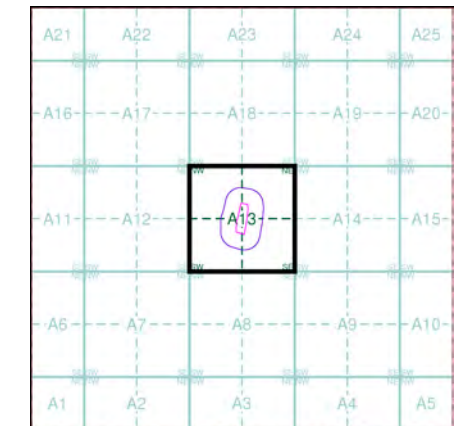
### Hazardous Substances

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

### Geological

- BGS Recorded Mineral Site

### Site Sensitivity Map - Segment A13

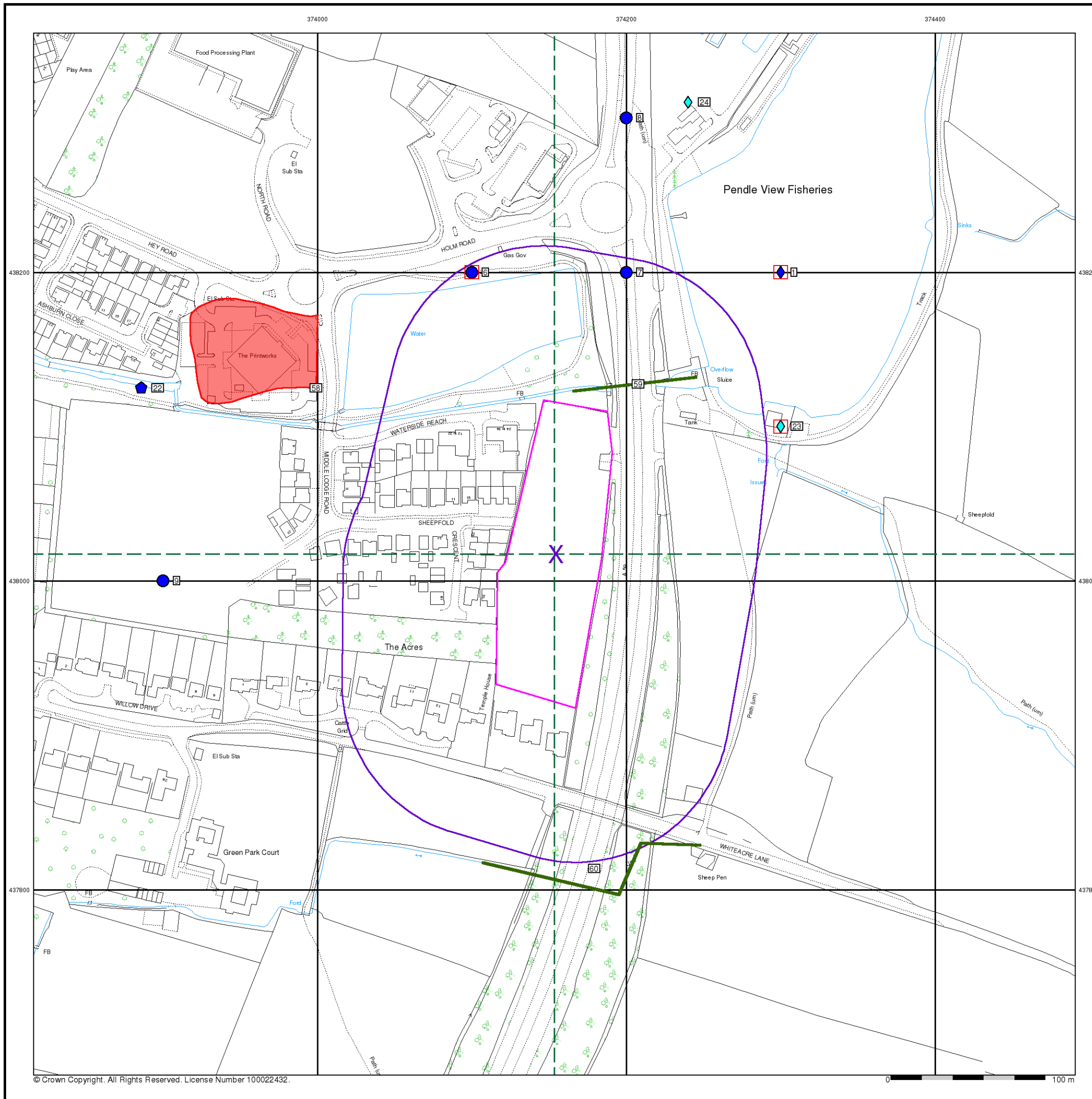


### Order Details

Order Number: 101611925\_1\_1  
 Customer Ref: BB7 9BJ  
 National Grid Reference: 374150, 438020  
 Slice: A  
 Site Area (Ha): 1.07  
 Plot Buffer (m): 100

### Site Details

Springfield, Whiteacre Lane, Barrow, Clitheroe, BB7 9BJ



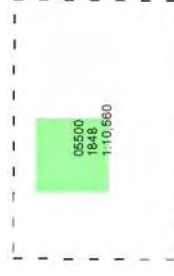


## Lancashire And Furness Published 1848

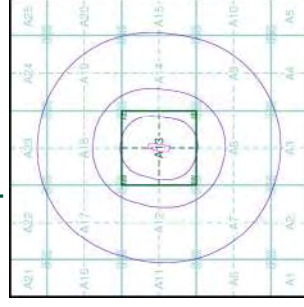
Source map scale - 1:10,560

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

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



### Historical Map - Slice A

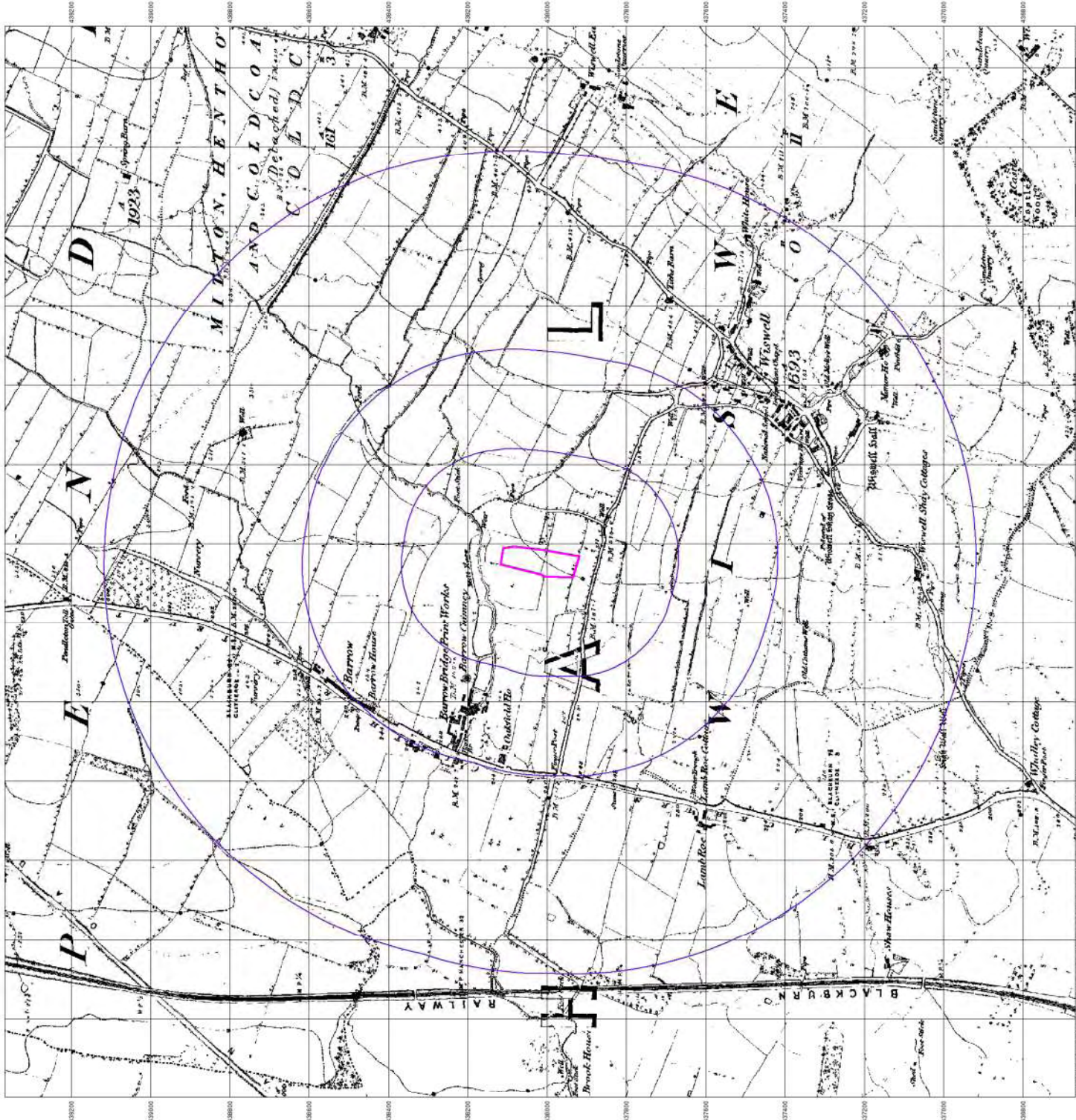


### Order Details

Order Number: 101611925\_1\_1  
 Customer Ref: BB7 9BJ  
 National Grid Reference: 374150, 438020  
 Slice: A  
 Site Area (Ha): 1.07  
 Search Buffer (m): 1000

### Site Details

Springfield, Whiteacre Lane, Barrow, Citheroe, BB7 9BJ





## Lancashire And Furness

Published 1893

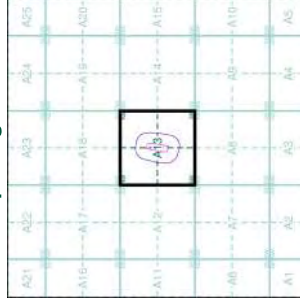
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey office in Southampton in the 1940s. In 1864 the Ordnance Survey was established in London and in 1868 it was transferred to the War Office. The published date given below is the date of the original survey of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938 all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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



### Historical Map - Segment A13

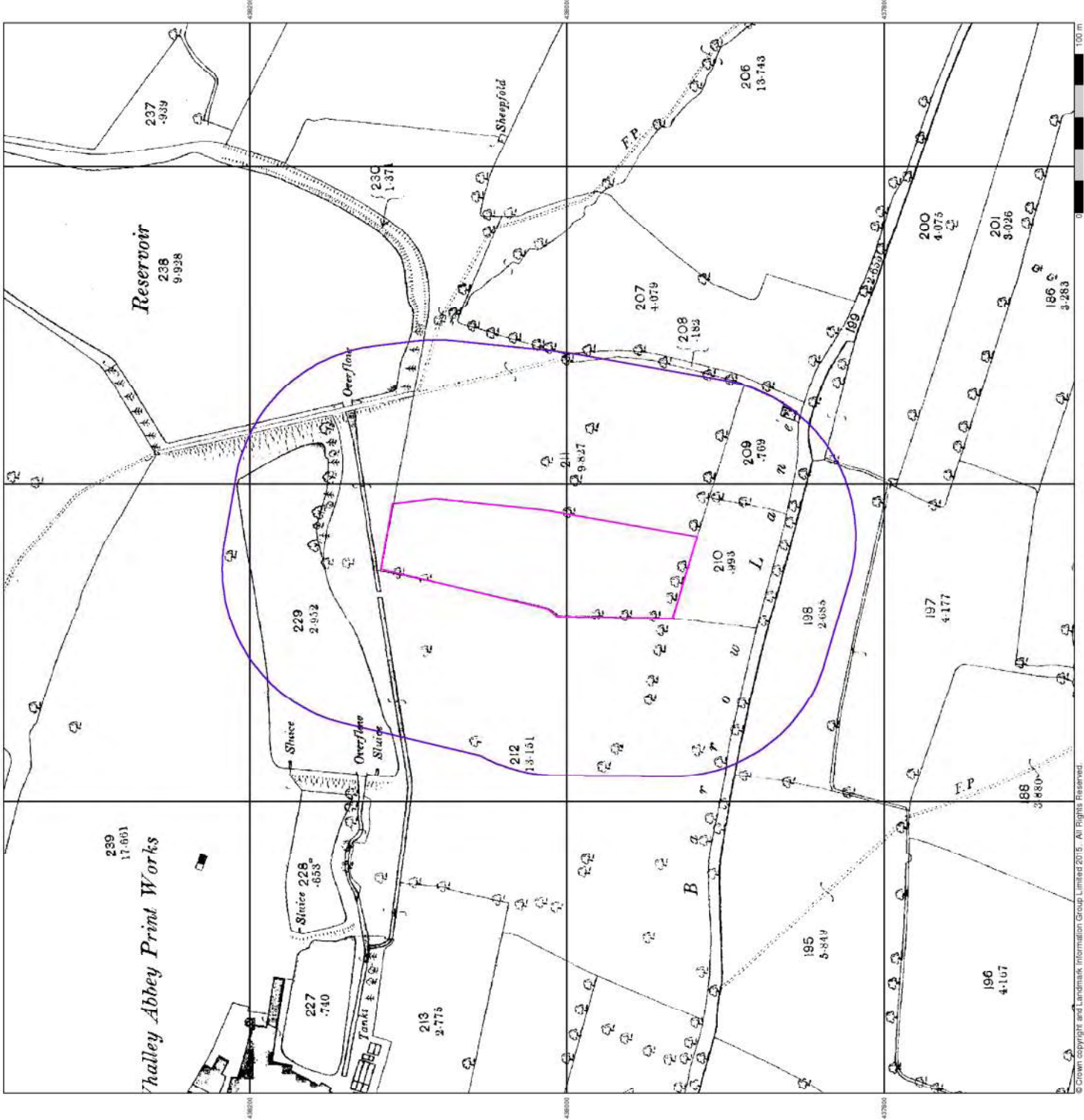


### Order Details

Order Number: 101611925\_1\_1  
 Customer Ref: BB7 9BJ  
 National Grid Reference: 374150, 438020  
 Slice: A  
 Site Area (Ha): 1.07  
 Search Buffer (m): 100

### Site Details

Springfield, Whiteacre Lane, Barrow, Citheroe, BB7 9BJ



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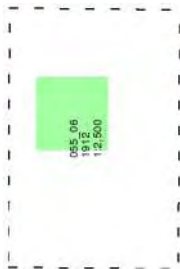
## Lancashire And Furness

**Published 1912**

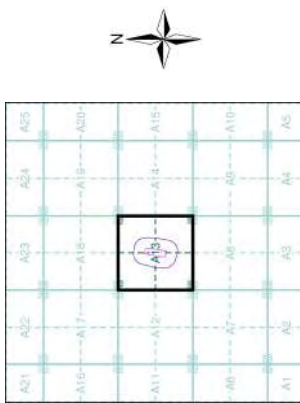
**Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the adopted for England, Wales and Scotland in the 1840s, 1854 and 1864. The maps were reproduced from original maps on a scale of 1:2,500 and were corrected to the Ordnance Survey datum. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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



### Historical Map - Segment A13



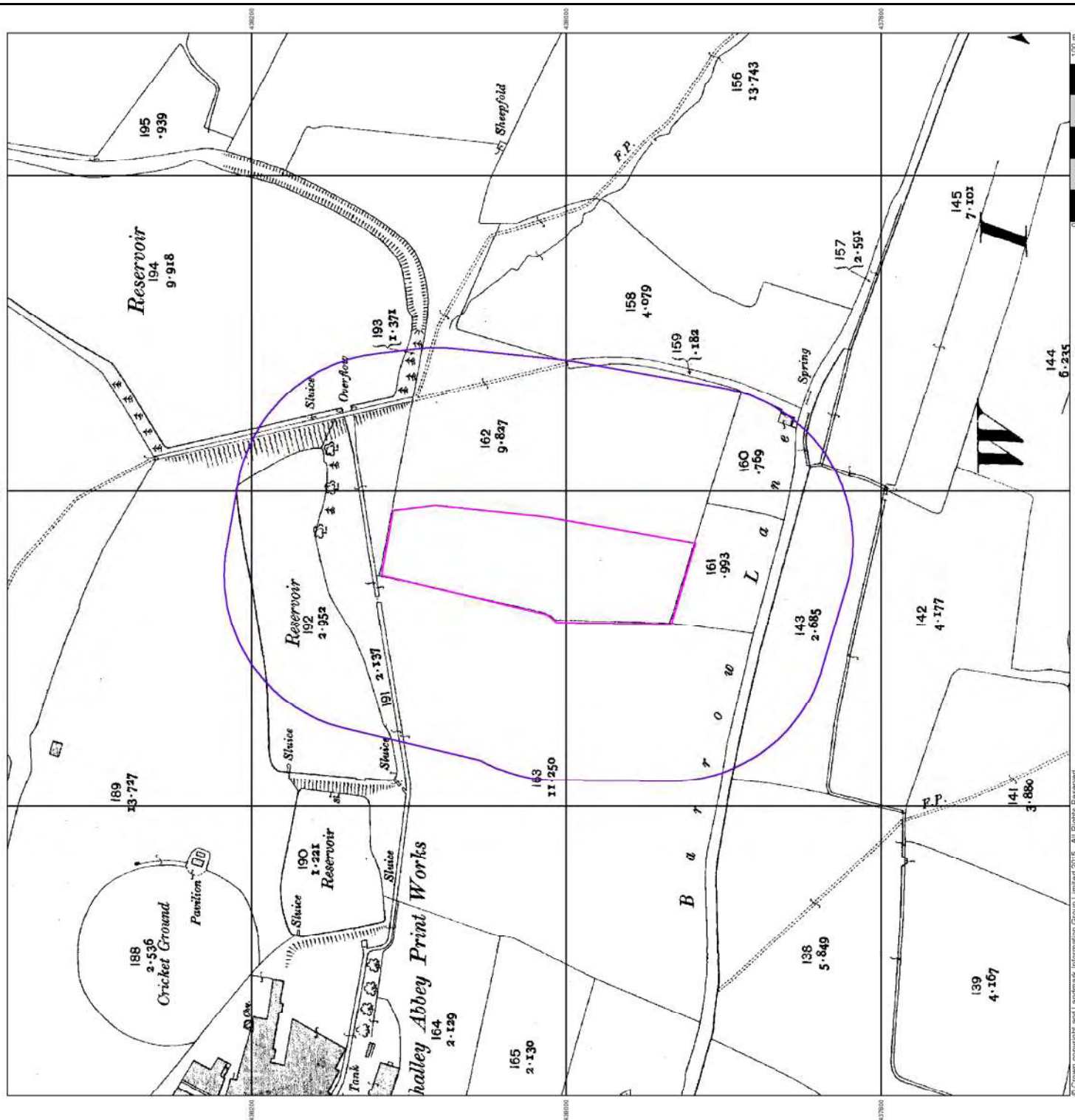
### Order Details

Order Number: 101611925\_1\_1  
 Customer Ref: BB7 9BJ  
 National Grid Reference: 374150, 438020

Site: A  
 Site Area (Ha): 1.07  
 Search Buffer (m): 100

### Site Details

Springfield, Whiteacre Lane, Barrow, Citheroe, BB7 9BJ





## Lancashire And Furness

Published 1932

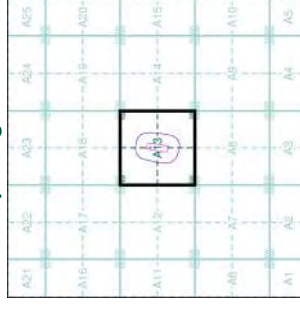
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the adopted for England, Wales and Scotland in the 1840s. 1854 and 1856. It was a time of rapid change in mapping to be the illustrated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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



### Historical Map - Segment A13



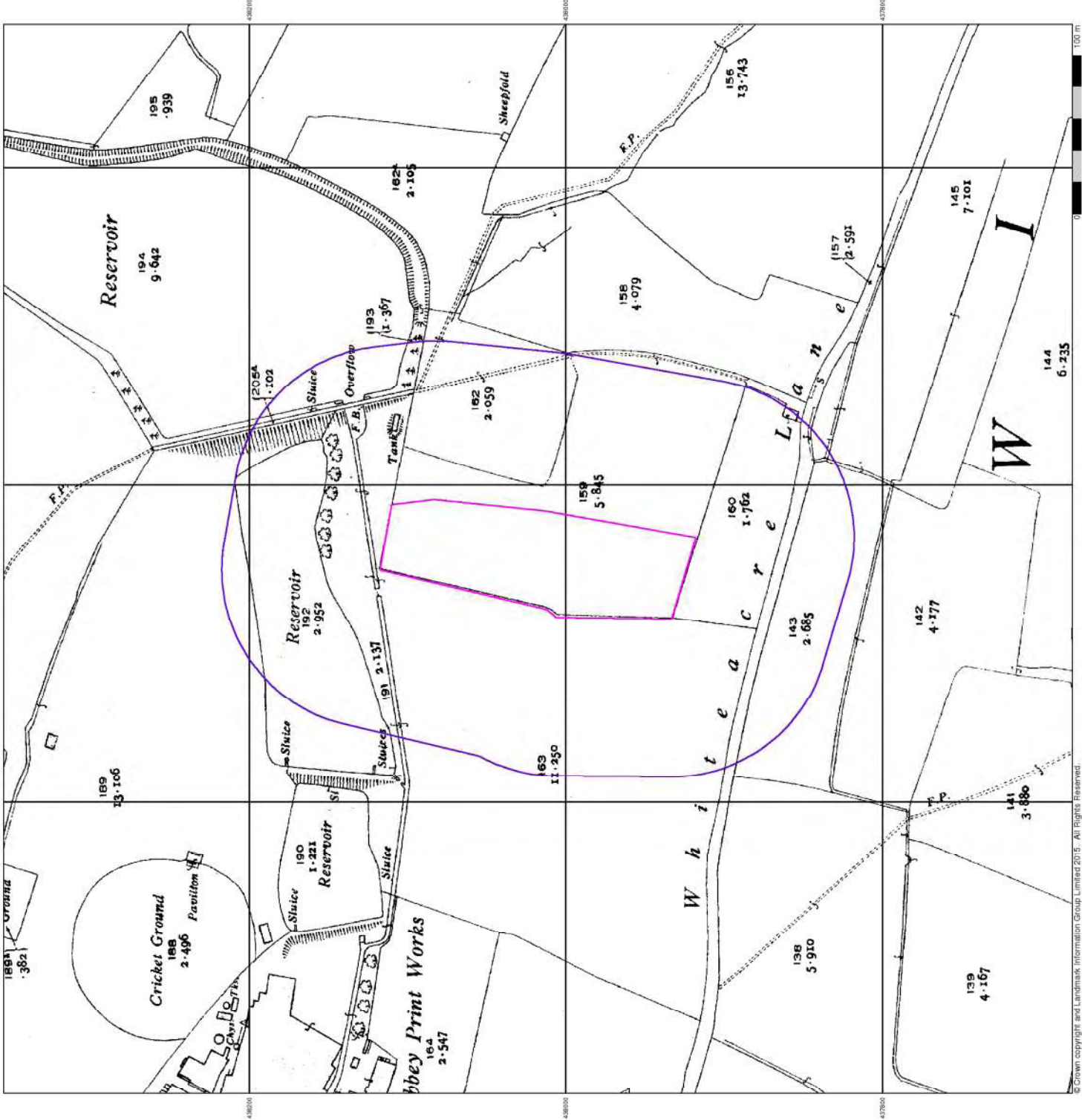
### Order Details

Order Number: 101611925\_1\_1  
 Customer Ref: BB7 9BJ  
 National Grid Reference: 374150, 438020

Slice: A  
 Site Area (Ha): 1.07  
 Search Buffer (m): 100

### Site Details

Springfield, Whiteacre Lane, Barrow, Citheroe, BB7 9BJ



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## Ordnance Survey Plan Published 1967 - 1969

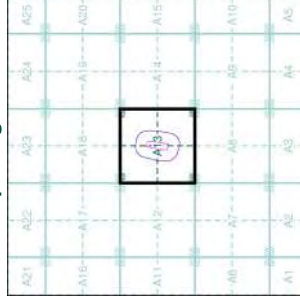
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, England, Wales and Scotland in the 1940s, 1954 and 1960s. The maps were scanned and digitised in 1998. It is important to note that the published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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

|        |        |
|--------|--------|
| SD7338 | SD7438 |
| 1967   | 1967   |
| 12,500 | 12,500 |
| SD7337 | SD7437 |
| 1969   | 1969   |
| 12,500 | 12,500 |

### Historical Map - Segment A13

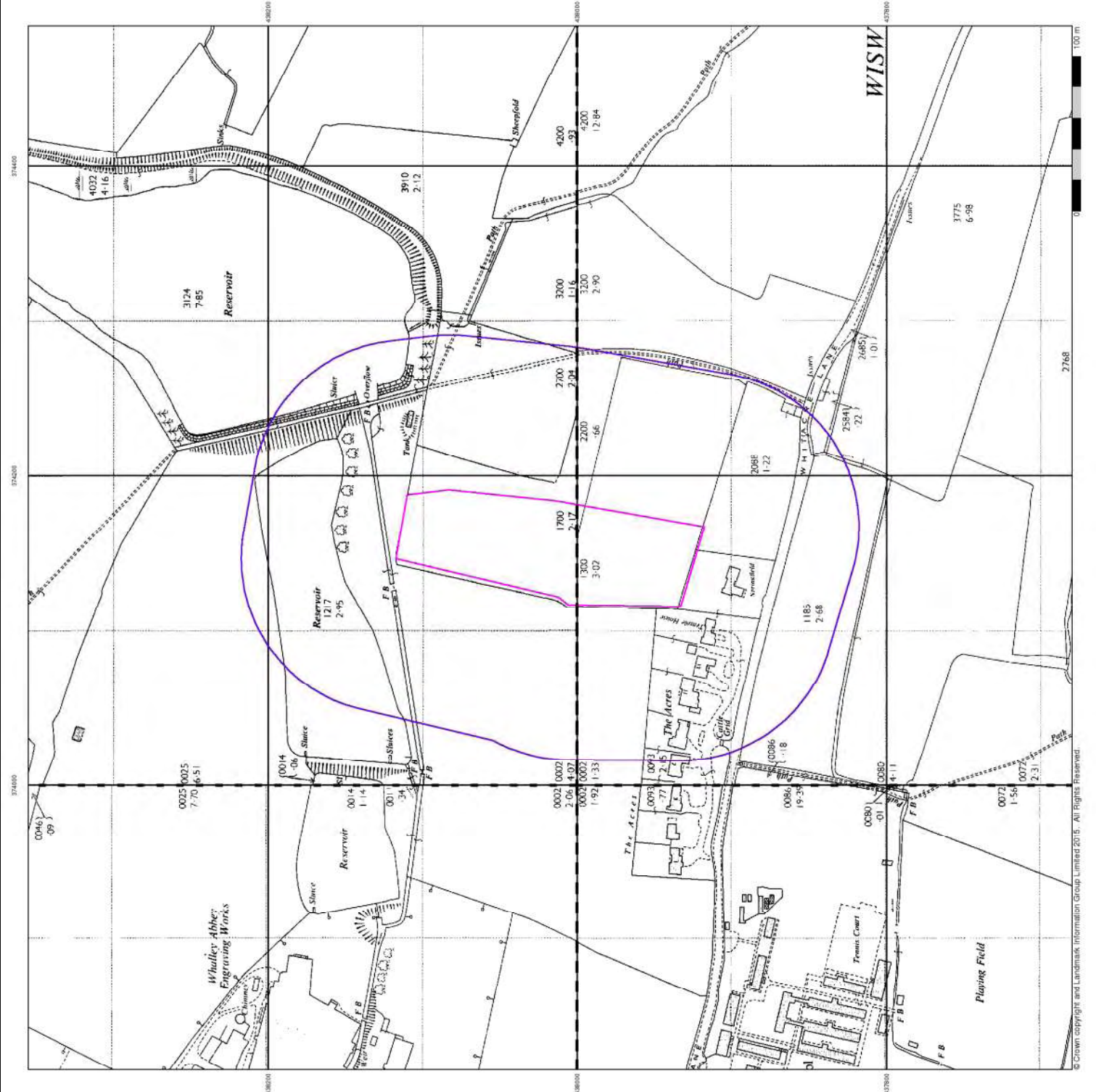


### Order Details

Order Number: 101611925\_1\_1  
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 National Grid Reference: 374150, 438020  
 Slice: A  
 Site Area (Ha): 1.07  
 Search Buffer (m): 100

### Site Details

Springfield, Whiteacre Lane, Barrow, Citheroe, BB7 9BJ





## Ordnance Survey Plan

Published 1973 - 1978

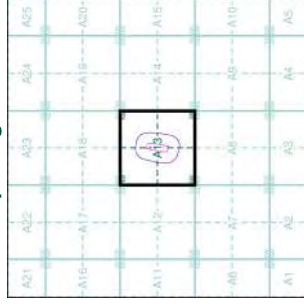
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey, which were adopted for England, Wales and Scotland in the 1840s, 1854 and 1864. The maps were produced by the Ordnance Survey, which was created in 1820 and were the first to be published in the United Kingdom. The published date given below is often some years later than the actual date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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

|        |      |        |
|--------|------|--------|
| SD7438 | 1973 | 12,500 |
| SD7337 | 1978 | 12,500 |
| SD7437 | 1978 | 12,500 |

### Historical Map - Segment A13

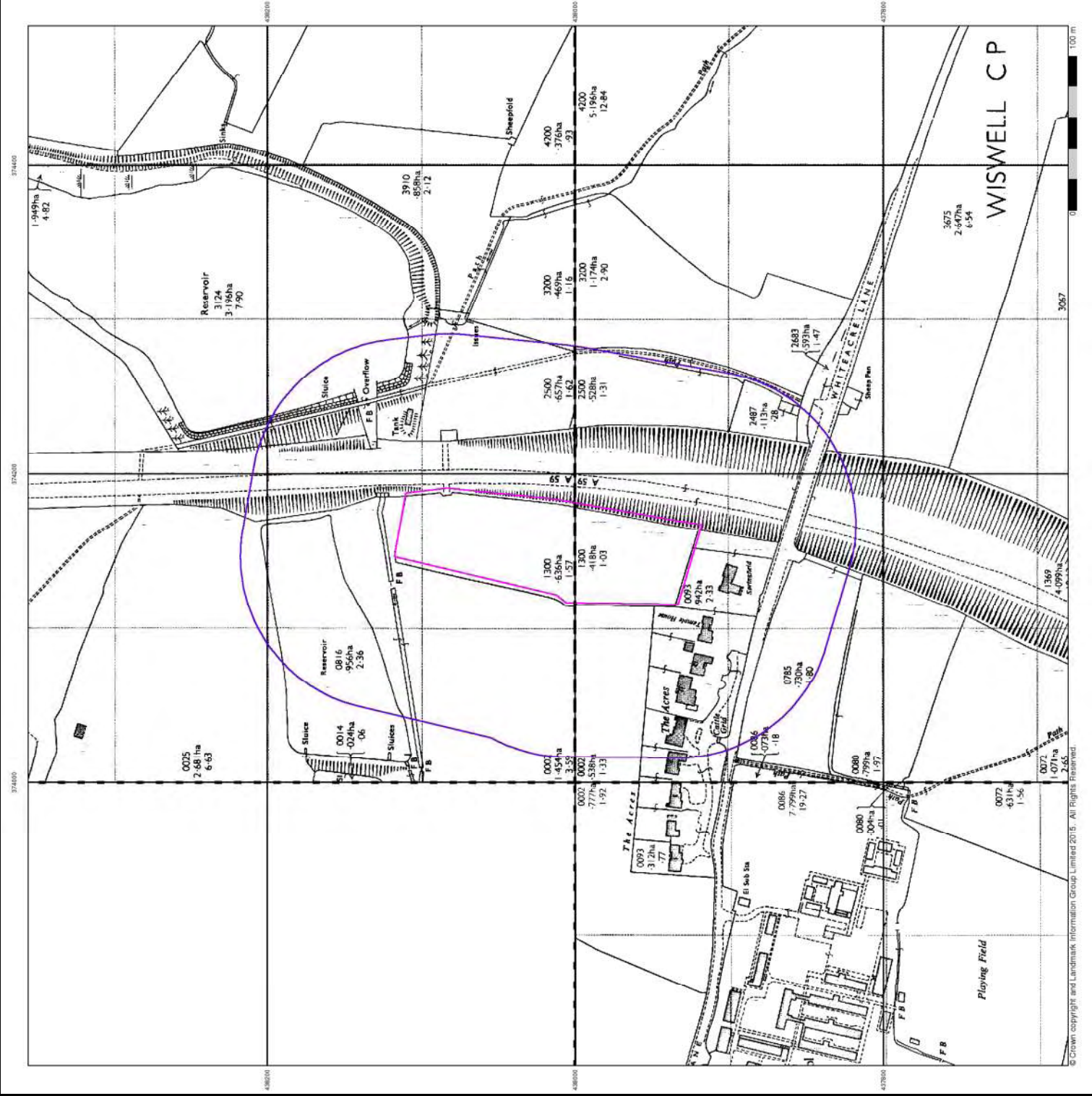


### Order Details

Order Number: 101611925\_1\_1  
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 Slice: A  
 Site Area (Ha): 1.07  
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### Site Details

Springfield, Whiteacre Lane, Barrow, Cilttheroe, BB7 9BJ



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## Large-Scale National Grid Data

Published 1992

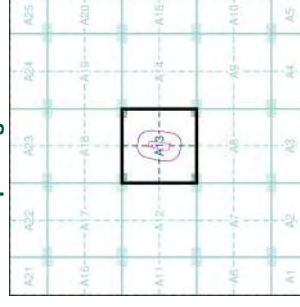
Source map scale - 1:2,500

Large Scale National Grid Data superseded SIM cards (Ordnance Survey's Survey Information on Microfilm) in 1992, and continued to be produced until 1999. Information on the maps were the original mapping and provides details of features such as buildings and vegetation. The maps provide details of 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)

|         |         |
|---------|---------|
| SD7338  | SD7438  |
| 1992    | 1992    |
| 1:2,500 | 1:2,500 |
| SD7337  | SD7437  |
| 1992    | 1992    |
| 1:2,500 | 1:2,500 |

### Historical Map - Segment A13

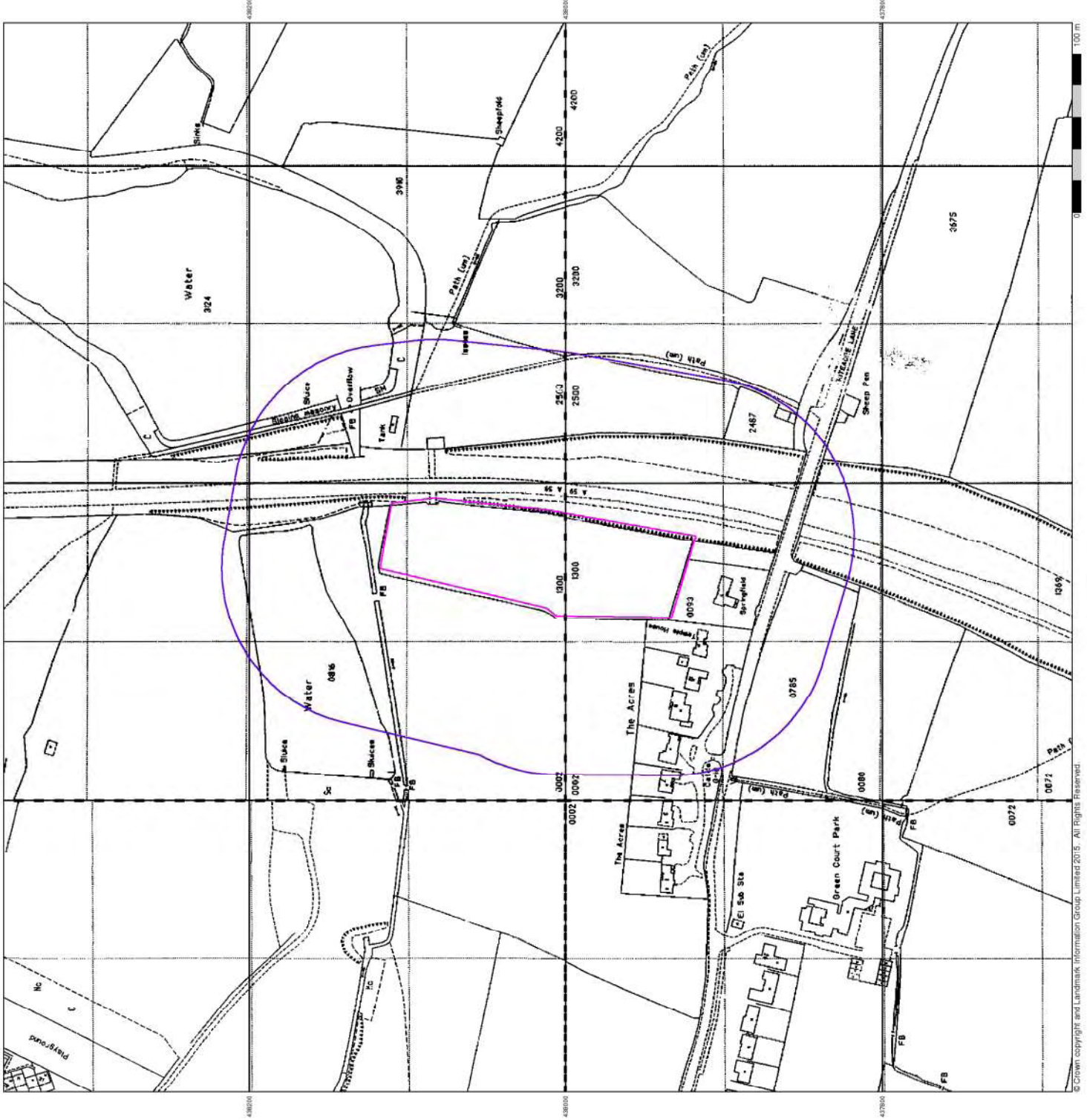


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 Slice: A  
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 Search Buffer (m): 100

### Site Details

Springfield, Whiteacre Lane, Barrow, Citheroe, BB7 9BJ



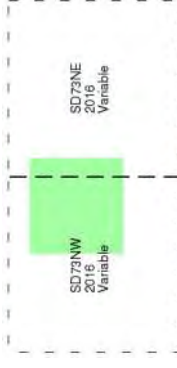


**VectorMap Local  
Published 2016**

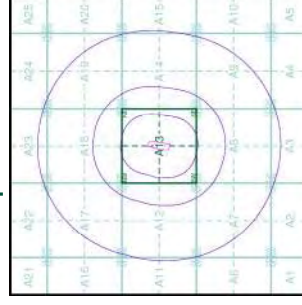
**Source map scale - 1:10,000**

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced at OS's VectorMap Local, a mapping scale of 1:10,000. The maps are produced using the OS VectorMap Local data, which has been processed and styled using the OS VectorMap Local software. The maps are produced at a scale of 1:10,000 (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10,000 scale (mountain, moorland and river estuary areas).

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



**Historical Map - Slice A**

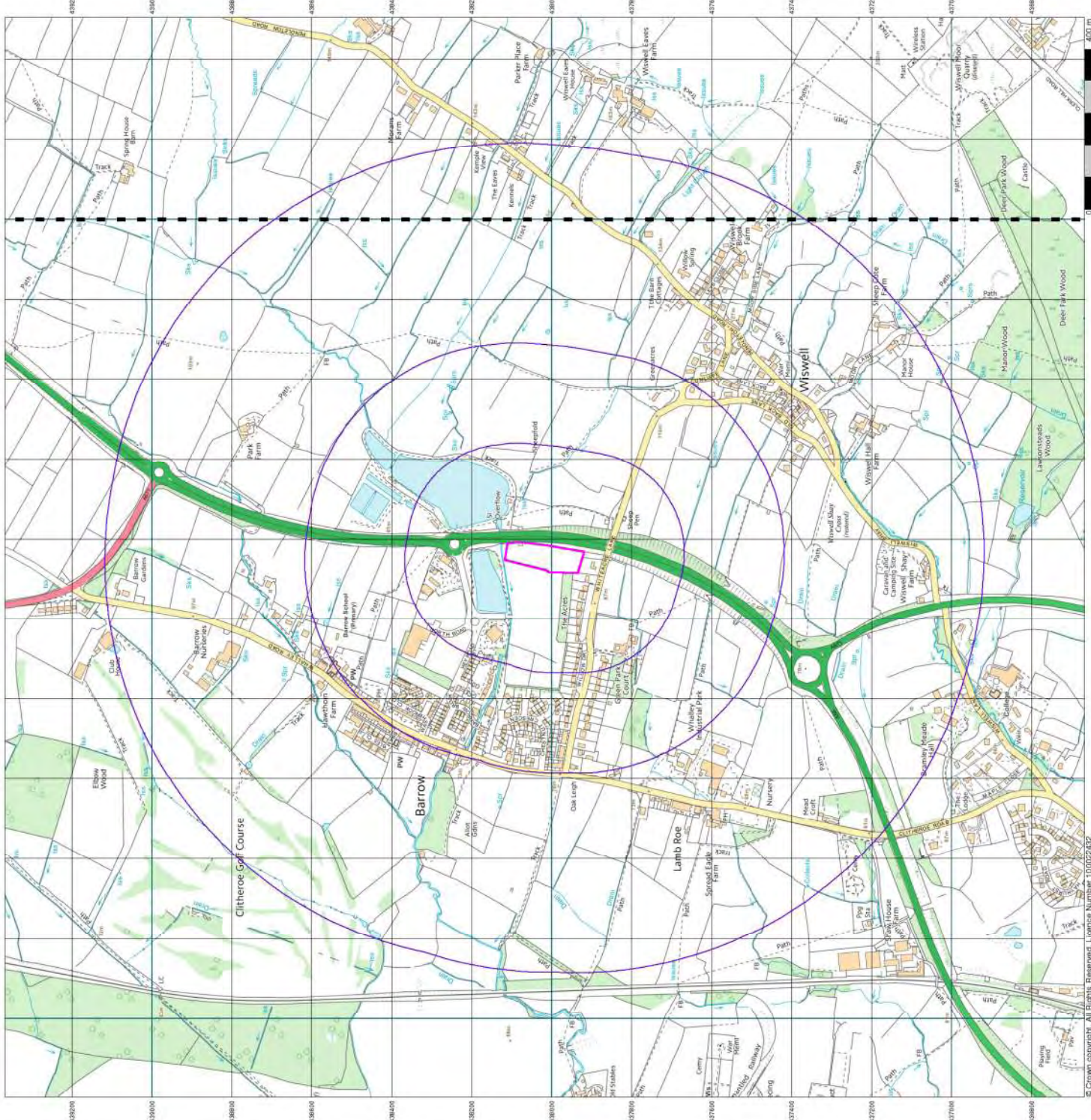


**Order Details**

Order Number: 101611925\_1\_1  
Customer Ref: BB7 9BJ  
National Grid Reference: 374150, 438020  
Slice: A  
Site Area (Ha): 1.07  
Search Buffer (m): 1000

**Site Details**

Springfield, Whiteacre Lane, Barrow, Cilltheroe, BB7 9BJ



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no mining  
radon - no precautions  
no industry  
no contaminated land  
no flood plain  
no hazardous site

|  |                                     |
|--|-------------------------------------|
| <b>WHITEACRE LANE, BARROW BROOK<br/>CLITHEROE. BB7 9BJ</b> | <b>WORMS EYE</b>                    |
| <b>Conceptual Model based on PRA</b>                       | 52 Bank Parade<br>Burnley, BB11 1TS |
| <b>Not to Scale</b>  | 01282 414 649                       |

