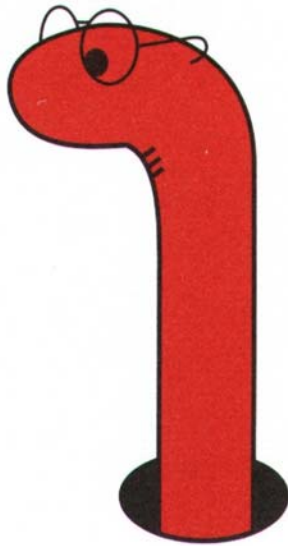


Electronic Report



WORMS EYE

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

Our Ref: Mill Lane/BB7 4LN/2015

Date: 7 August 2015

Guy Hindley
Ribblesdale Park
Mill Lane
Gisburn
Clitheroe
BB7 4LP

guy@ribblesdalepark.com

PROPOSED HOUSES
LAND OFF MILL LANE, GISBURN, CLITHEROE, BB7 4LN
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 45 by 120 metres, located to the south of Mill Lane in Gisburn, at OS Grid Reference 382470, 448950. The site was inspected on 6 August by G Cannon, Chartered Environmentalist and Engineer.

The site forms part of an arable field growing wheat, sloping down to the south west at about 1 in 30.

This is a rural area. The railway, in a cutting, forms the south boundary, the field continues to the west and there are houses to the north east. To the south east is a small block of industrial units at a lower level.

There were no indications of contamination or industrial uses.

TREES

The trees are best shown on the proposed drawing and the photographs.

T1 - 4 are large sycamores on the east boundary. T5 & T6 are large sycamores to the south.

This is not an accurate arboricultural survey. As the trees are numbered it is likely that one exists.

PROPOSED DEVELOPMENT

It is proposed to build three detached houses, with associated garages, driveways, access road and extensive gardens.

DATA SOURCES

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

- BGS, Geology Map, 1:50000 scale, Sheet 68, Clitheroe, Solid and Drift Edition
- BGS, on-shore boreholes scans (no nearby records)
- Coal Authority, Interactive Mapping Data
- Environment Agency, What's In Your Backyard
 - Groundwater
 - Landfill Sites
 - Pollution
- Landmark Envirocheck Report
- Ordnance Survey, Historical Maps, 1:10000 and 1:2500 scale
- Walkover Survey, 6 August 2015

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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
- Discharge consents
- Source protection zones
- Radioactive sites
- Areas of flooding from rivers
- Landfill or other waste sites
- Hazardous substances sites
- Sensitive land uses

Geology of Site

The geological map indicates that the underlying solid rocks are the Chatburn Limestone Formation of the Charburn Limestone Group.

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

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

Surface Water (Hydrology)

A stream flows northeast, 228 metres to the northwest.

The only listed pollution incident within 250 metres was a minor incident 123 metres south, deliberate disposal of run-off to a drain in 1997*

There was a significant pollution incident for water impact 34 metres south in 2006, due to slurry and dilute slurry.

The area slopes down to the southwest and 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 unproductive strata with a low permeability.

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

Radon

Between 1% to 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 the site is not in a high risk area and there are no nearby mine entries.

Nearby Industry

77 Garage, 236 metres south, as a Local Authority PPC listing for a petrol filling station.

There are three trade directory entries within 130 metres:

- Lawnmower and garden machinery sales and service, 15 metres southeast.
- Magnets, 55 metres east*
- Agricultural merchants, 52 metres southeast*

* not relevant due to distance/severity/significance

Sensitive Land Uses

The Forest of Bowland, Area of Outstanding Natural Beauty, is 135 metres west*

* not relevant due to distance/severity/significance

SITE HISTORY

Date	On Site	Off Site
1852 (1:10560)	Undeveloped field	Mill Lane immediately north Copy Lathe (house/farm) immediately southwest Otherwise generally undeveloped
1894 (1:2500)	Undeveloped	Railway (running southwest to northeast) immediately southeast, with sidings 35m southeast and a tunnel 200m northeast Cattle pens 65m southeast, suggesting slope 100m southeast was a cutting for the railway/sidings/pens rather than filling
1909 – 1955	Undeveloped	No relevant change
1971 (1:2500)	Undeveloped	Houses 5m southeast with a smithy 40m southeast Sidings to southeast dismantled. New building 30m southeast, possibly part of the cattle market 80m southeast Copy Lathe to southwest demolished
1991 (1:2500)	Undeveloped	Short row of small industrial units (4) immediately northeast
1994 - 2015	Undeveloped	No relevant change

DISCUSSION

Contamination

The site is a previously undeveloped field. There has been no use from which contamination would be expected.

Although the railway is immediately to the south this is a cutting and contaminants, if any, would not be expected to migrate up to the site.

The short row of small industrial units by the southeast corner are fairly modern, below the level of the site and not expected to pose a risk to the site.

The proposed development will be houses with gardens. No pollutant linkages are expected to arise.

A very low risk to householders is expected.

Controlled Waters

There is an underlying Secondary A aquifer beneath low permeability, unproductive.

The clay nearest water course is a stream 228 metres northwest.

Although the gardens will allow rainwater to pass through the surface soils and migrate towards the aquifer/stream, contamination is not expected at high levels and it is anticipated there will be no risk to the aquifer/stream. The anticipated underlying clay will further impede the migration of water.

Landfill Gas/Ground Gas

There are no landfill sites within 250 metres of the site. There are also no notable filled features or other likely sources of ground gases.

This suggests no risk from landfill/ground gases.

Radon

Radon protection measures are not required.

Flooding

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

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

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 is a field and has had no industrial use.

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.

Source	Receptors	Pathway	Pollutant Linkage Likely
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, inhalation of dust	No
	Groundwater	Leaching towards	No
	River/stream	Leaching towards	
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, 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	No
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.

Bearing in mind the sensitive end-use of a residential development, a limited investigation would be sensible. This might consist of a limited number of boreholes/trial holes and tests to confirm the findings of this desk study, classify material for disposal off-site and confirm selection of correct drinking water pipe materials.

Controlled Waters

No risks to controlled water are expected and no further action is considered necessary.

Landfill Gas/Ground Gas

There findings suggest no risk from landfill/ground gases.

Gas testing is not needed and no special precautions are 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.

Bearing in mind the trees on site, plasticity tests are required to determine the shrinkage potential of the clay.

Yours faithfully

on behalf of Worms Eye Ltd

David Lord
BSc (Hons)
FGS, MEnvSc, AIEMA

PROPOSED HOUSES

LAND OFF MILL LANE, GISBURN, CLITHEROE, BB7 4LN

List of Appendices – Desk Study

Site Location Plan

Photographs of Site

Proposed Site Plan

Landmark Summary Map

Landmark Envirocheck Report

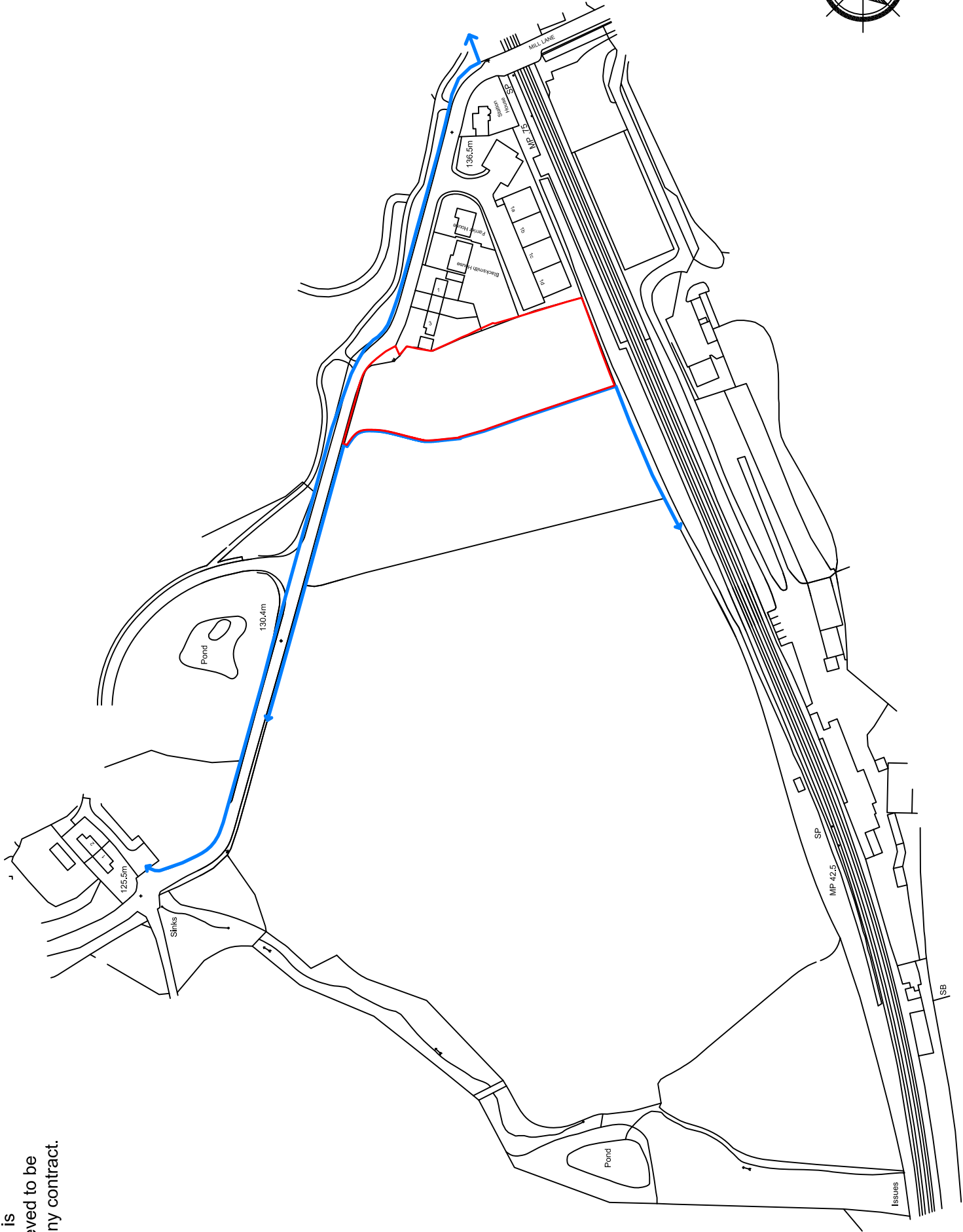
Historical Maps

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

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Site Extent (Blue Line) - 1.43ha
Project Extent (Red Line) - 0.58ha -- 5790m2

LOCATION PLAN

Site: Proposed Development
Land off Mill Lane
Gisburn

Client: Gisburne Park Estate

Drawn: KH

Date: 25.07.14

Scale: 1:2500 @ A3

Project No: HIN/27a- Dwg 01

Amendments: A

Notes:

All work is to be carried out to the latest current British standards Codes of Practice and recognised working practices.
All work and materials should comply with Health and Safety legislation and to be approved by the Local Authority Planning / Building Control Officer.
All dimensions are in millimetres unless where explicitly shown otherwise. The contractor should check and clarify all dimensions as work proceeds and notify the design team of any discrepancies. Do not scale off the drawings, if in doubt ask.
Avalon Chartered Town Planning are not liable for work undertaken prior to Full Planning Consent and/or Building Regulations Approval



Avalon

Chartered Town Planning

Town Planning - Architectural Design - Building Regulations - Surveying

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2 Reedley Business Centre, Redman Road, Burnley, Lancashire, BB10 2TY

Mill Lane, Gisburn



View looking South

Mill Lane, Gisburn



Railway in cutting behind trees

Industrial units at lower level

South end of site, looking south

PROPOSED MATERIAL PALETTE

Traditional drystone wall



Natural slate roof



Natural course stone



UPVC light oak



Traditional Hedgerow



Post & Rail fencing



Granite sett entry detail



Notes:

All work is to be carried out to the latest current British standards Codes of Practice and recognised working practices.

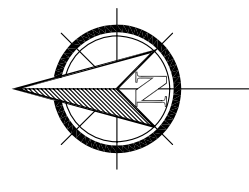
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Avalon Chartered Town Planning are not liable for work undertaken prior to Full Planning Consent and/or Building Regulations Approval



KEY

T = Surveyed Individual Tree

H = Surveyed Hedge

Please refer to associated Tree Survey Schedule for details of all trees on site.

Tree Categories

Tree Categories are defined as follows:

Category A: Tree with an estimated life expectancy of at least 40 years

Category B: Tree with an estimated life expectancy of at least 20 years

Category C: Tree with an estimated life expectancy of at least 10 years

Category D: Tree with an estimated life expectancy of at least 5 years

Category E: Tree with an estimated life expectancy of at least 2 years

Category F: Tree with an estimated life expectancy of at least 1 year

Category G: Tree with an estimated life expectancy of at least 6 months

Category H: Tree with an estimated life expectancy of at least 3 months

Category I: Tree with an estimated life expectancy of at least 1 month

Category J: Tree with an estimated life expectancy of at least 1 week

Category K: Tree with an estimated life expectancy of at least 1 day

Category L: Tree with an estimated life expectancy of at least 1 hour

Category M: Tree with an estimated life expectancy of at least 1 minute

Category N: Tree with an estimated life expectancy of at least 1 second

Category O: Tree with an estimated life expectancy of at least 1 millisecond

Category P: Tree with an estimated life expectancy of at least 1 microsecond

Category Q: Tree with an estimated life expectancy of at least 1 nanosecond

Category R: Tree with an estimated life expectancy of at least 1 picosecond

Category S: Tree with an estimated life expectancy of at least 1 femtosecond

Category T: Tree with an estimated life expectancy of at least 1 attosecond

Category U: Tree with an estimated life expectancy of at least 1 zeptosecond

Category V: Tree with an estimated life expectancy of at least 1 yoctosecond

Category W: Tree with an estimated life expectancy of at least 1 rontosecond

Category X: Tree with an estimated life expectancy of at least 1 quectosecond

Category Y: Tree with an estimated life expectancy of at least 1 sextosecond

Category Z: Tree with an estimated life expectancy of at least 1 septosecond

Category AA: Tree with an estimated life expectancy of at least 1 octosecond

Category AB: Tree with an estimated life expectancy of at least 1 nonosecond

Category AC: Tree with an estimated life expectancy of at least 1 decasecond

Category AD: Tree with an estimated life expectancy of at least 1 centisecond

Category AE: Tree with an estimated life expectancy of at least 1 millisecond

Category AF: Tree with an estimated life expectancy of at least 1 microsecond

Category AG: Tree with an estimated life expectancy of at least 1 nanosecond

Category AH: Tree with an estimated life expectancy of at least 1 picosecond

Category AI: Tree with an estimated life expectancy of at least 1 femtosecond

Category AJ: Tree with an estimated life expectancy of at least 1 attosecond

Category AK: Tree with an estimated life expectancy of at least 1 zeptosecond

Category AL: Tree with an estimated life expectancy of at least 1 yoctosecond

Category AM: Tree with an estimated life expectancy of at least 1 rontosecond

Category AN: Tree with an estimated life expectancy of at least 1 quectosecond

Category AO: Tree with an estimated life expectancy of at least 1 sextosecond

Category AP: Tree with an estimated life expectancy of at least 1 septosecond

Category AQ: Tree with an estimated life expectancy of at least 1 octosecond

Category AR: Tree with an estimated life expectancy of at least 1 nonosecond

Category AS: Tree with an estimated life expectancy of at least 1 decasecond


Category AT: Tree with an estimated life expectancy of at least 1 centisecond

Category AU: Tree with an estimated life expectancy of at least 1 millisecond

Category AV: Tree with an estimated life expectancy of at least 1 microsecond

Category AW: Tree with an estimated life expectancy of at least 1 nanosecond

Category AX: Tree with an estimated life expectancy of at least 1 picosecond



Avalon

Chartered Town Planning

Town Planning - Architectural Design - Building Regulations - Surveying

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2 Reedley Business Centre, Redman Road, Burnley, Lancashire BB10 2TY

PROPOSED SITE PLAN			
Proposed Residential Development			
Site: Land off Mill Lane, Gisburn, Lancashire			
Client: Gisburne Park Estate			
Date: 23.07.14	Scale: 1:200 @ A1	Project No: HIN/27a Dwg 04	
Amendments:		A	

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- 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
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Waste

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

Hazardous Substances

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

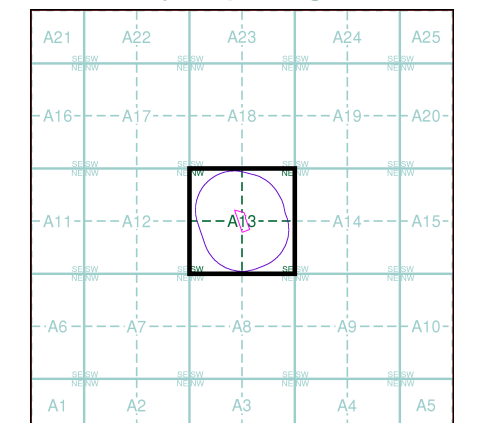
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Segment A13

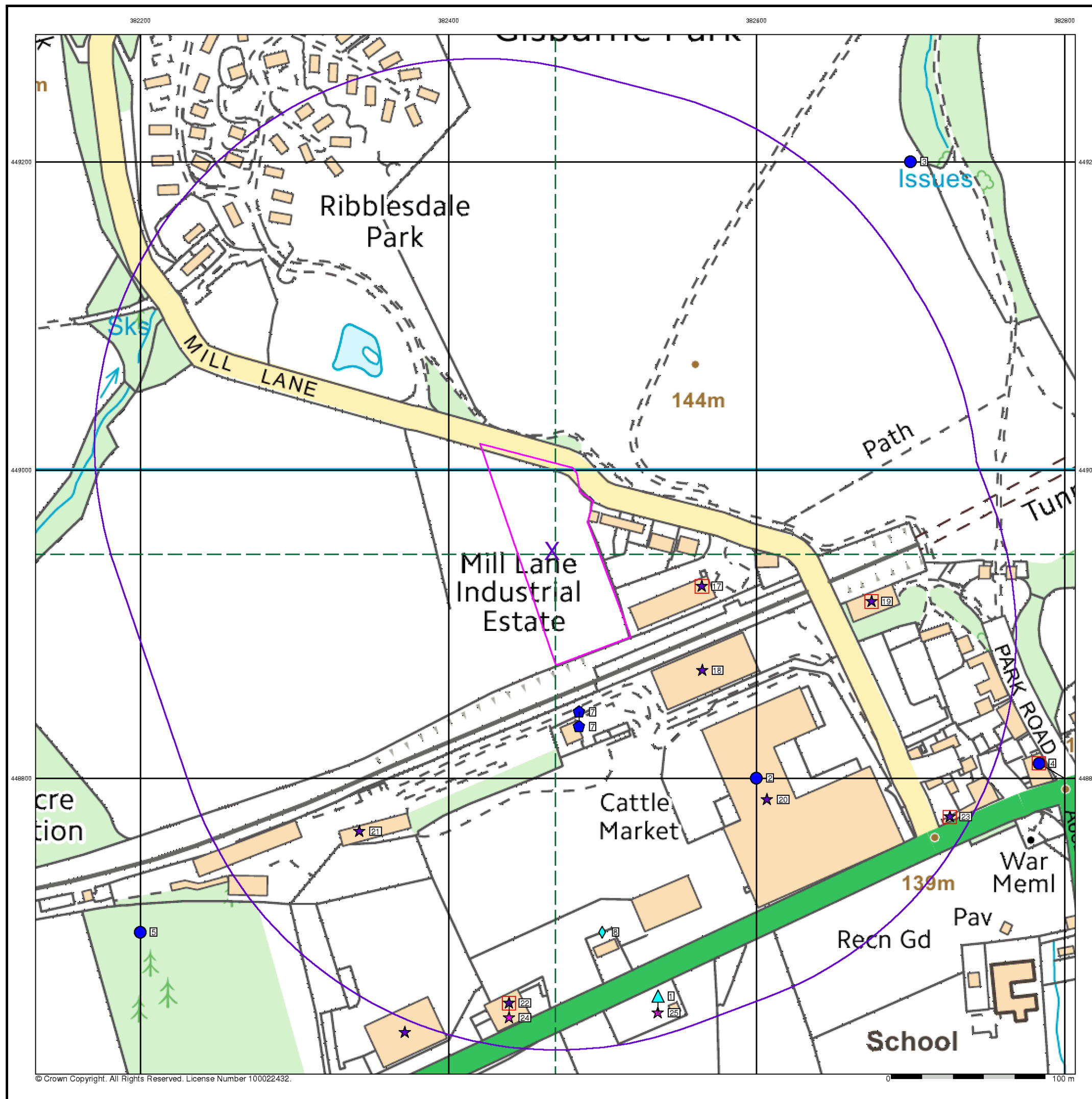


Order Details

Order Number: 70590248_1_1
 Customer Ref: BB7 4LN
 National Grid Reference: 382470, 448950
 Slice: A
 Site Area (Ha): 0.7

Site Details

Mill Lane, Gisburn, Clitheroe, BB7 4LN



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

70590248_1_1

Customer Reference:

BB7 4LN

National Grid Reference:

382470, 448950

Slice:

A

Site Area (Ha):

0.7

Search Buffer (m):

500

Site Details:

Mill Lane

Gisburn

Clitheroe

BB7 4LN

Client Details:

Mr D Lord

Worms Eye Ltd

52 Bank Parade

Burnley

Lancashire

BB11 1TS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	4
Hazardous Substances	-
Geological	5
Industrial Land Use	11
Sensitive Land Use	13
Data Currency	14
Data Suppliers	18
Useful Contacts	19

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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Report Version v49.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
Contaminated Land Register Entries and Notices				
Discharge Consents				
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls	pg 1		1	
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 1		Yes	
Pollution Incidents to Controlled Waters	pg 1		1	6
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register	pg 2		1	
Water Abstractions	pg 2		1	
Water Industry Act Referrals				
Groundwater Vulnerability	pg 2	Yes	n/a	n/a
Bedrock Aquifer Designations	pg 2	Yes	n/a	n/a
Superficial Aquifer Designations	pg 2	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences				n/a
Flooding from Rivers or Sea without Defences				n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
Detailed River Network Lines	pg 3		Yes	Yes
Detailed River Network Offline Drainage	pg 3			Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Recorded Landfill Sites				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS 1:625,000 Solid Geology	pg 5	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 5	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 9			1
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
Brine Compensation Area			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain	pg 9	Yes		n/a
Potential for Collapsible Ground Stability Hazards	pg 9	Yes		n/a
Potential for Compressible Ground Stability Hazards				n/a
Potential for Ground Dissolution Stability Hazards	pg 9	Yes	Yes	n/a
Potential for Landslide Ground Stability Hazards	pg 10	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 10	Yes		n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 10	Yes		n/a
Radon Potential - Radon Affected Areas	pg 10	Yes	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Industrial Land Use				
Contemporary Trade Directory Entries	pg 11		11	n/a
Fuel Station Entries	pg 12		2	
Sensitive Land Use				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty	pg 13		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				
Special Areas of Conservation				
Special Protection Areas				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Local Authority Pollution Prevention and Controls Name: 77 Garage Location: Gisburn Road, Gisburn, CLITHEROE, Lancashire, BB7 4ES Authority: Ribble Valley Borough Council, Environmental Health Department Permit Reference: PPC/25/07 Dated: 31st July 2000 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A13SE (S)	236	2	382536 448648
	Nearest Surface Water Feature	A13NW (NW)	79	-	382355 449062
2	Pollution Incidents to Controlled Waters Property Type: Agricultural Location: Brook Near , Gisburn Park Hospital Authority: Environment Agency, North West Region Pollutant: Agricultural: Other Note: Gisburn Pk Bk; Run Off Incident Date: 24th January 1997 Incident Reference: 97340016 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	123	3	382600 448800
3	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Tributary Of Stock Beck; Diesel Oil And Fuel Oil Incident Date: 24th January 1996 Incident Reference: 96340002 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	296	3	382700 449200
4	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Water course Affected; No Pollution Found Incident Date: 13th April 1995 Incident Reference: 95340033 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	297	3	382800 448800
4	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: Stock Beck Tributary; Sewage Fungus Incident Date: 22nd July 1996 Incident Reference: 96340052 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	298	3	382800 448795
5	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Industrial Effluent Note: Tributary River Ribble; Slurry Incident Date: 18th July 1991 Incident Reference: 91340071 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	321	3	382200 448700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Silage Liquor Note: Eel Brook Incident Date: 16th March 1992 Incident Reference: 92340026 Catchment Area: Ribble - Non-Tidal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	491	3	383000 448800
6	Pollution Incidents to Controlled Waters Property Type: Not Given Location: GISBURN Authority: Environment Agency, North West Region Pollutant: Not Given Note: Smell Of Solvent In House; Tributary Stock Beck; Gas Oil Incident Date: 14th October 1997 Incident Reference: 97340094 Catchment Area: Ribble - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	492	3	383000 448795
7	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, North Area Incident Date: 19th October 2006 Incident Reference: 480637 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Agricultural Materials And Wastes: Slurry And Dilute Slurry	A13SE (S)	34	3	382485 448843
8	Water Abstractions Operator: Gisburn Auction Mart Ltd Licence Number: 2671304043 Permit Version: 100 Location: Borehole At Gisburn Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 227 Yearly Rate (m3): 13638 Details: Premises At Gisburn Auction Mart, Gisburn Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th November 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (S)	177	3	382500 448700
	Groundwater Vulnerability Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13NW (SW)	0	3	382467 448948
	Drift Deposits Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13NW (SW)	0	3	382467 448948
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (SW)	0	4	382467 448948
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (SW)	0	4	382467 448948
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
9	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NW (W)	227	3	382194 449054
10	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NW (NW)	228	3	382210 449103
11	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	321	3	382724 449209
12	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SW (NW)	369	3	382170 449288
13	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A13SE (SE)	339	3	382793 448695
14	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A14SW (E)	339	3	382854 448942
15	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A8NE (SE)	418	3	382801 448584

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Ribble Valley Borough Council - Had landfill data but passed it to the relevant environment agency		0	2	382467 448948
	Local Authority Landfill Coverage Name: Lancashire County Council - Had landfill data but passed it to the relevant environment agency		0	7	382467 448948

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Bowland High Group And Craven Group (Undifferentiated)	A13NW (SW)	0	4	382467 448948
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (SW)	0	4	382467 448948
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	0	4	382467 449000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	88	4	382411 449107
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	134	4	382376 449144
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (W)	261	4	382161 449000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (NW)	291	4	382314 449287

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	314	4	382576 448578
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (NW)	319	4	382302 449313
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NW (NW)	339	4	382145 449215
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NW (NW)	340	4	382145 449215
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NW (NW)	349	4	382172 449261
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	359	4	382112 449201

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	368	4	382054 449000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	388	4	382099 449233
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	421	4	382000 448975
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	421	4	382000 449000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	423	4	382000 448948
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	431	4	382000 448926

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	442	4	382000 449151
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (NE)	447	4	382700 449391
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	456	4	382000 449192
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	467	4	382302 449469
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	482	4	383000 448948
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NW (NE)	485	4	382945 449156

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	494	4	383000 449000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <150 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SW (NW)	495	4	382167 449442
16	BGS Recorded Mineral Sites Site Name: Coppice Wood Location: , Gisburn, Barnoldswick, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 92002 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Chatburn Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	419	4	382170 449352
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	4	382467 448948
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	4	382467 448948
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	4	382467 448948
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	4	382495 448894
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	4	382417 448947
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	4	382467 448948
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	88	4	382411 449107
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	134	4	382376 449144

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	162	4	382445 449176
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	220	4	382557 448671
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	249	4	382567 449234
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	4	382467 448948
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	4	382467 448948
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	4	382467 448948
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	4	382467 448948
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	4	382467 448948

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Contemporary Trade Directory Entries Name: Lawntrack Supplies Location: Unit 1d, Mill Lane, Gisburn, Clitheroe, Lancashire, BB7 4LN Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	15	-	382528 448907
17	Contemporary Trade Directory Entries Name: Brain Storm Ltd Location: Unit 1A, Mill Lane, Gisburn, Clitheroe, Lancashire, BB7 4LN Classification: Magnets Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	55	-	382565 448924
18	Contemporary Trade Directory Entries Name: Carrs Billington Location: Pendle Mill, Mill Lane, Gisburn, Clitheroe, Lancashire, BB7 4LN Classification: Agricultural Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	52	-	382565 448870
19	Contemporary Trade Directory Entries Name: Panash (UK) Ltd Location: Clitheroe, Lancashire, Bb7 4jt Classification: Heating Equipment - Sales & Service Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SE (E)	130	-	382646 448915
19	Contemporary Trade Directory Entries Name: Assured Environmental Services Location: Unit 1, The Old Riding School, Park Road, Gisburn, Clitheroe, Lancashire, BB7 4HT Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	159	-	382675 448915
20	Contemporary Trade Directory Entries Name: Texaco Location: Gisburn Road, Gisburn, Clitheroe, Lancashire, BB7 4ES Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	138	-	382607 448786
21	Contemporary Trade Directory Entries Name: Railside Trading Co Location: Station Yard, Mill Lane, Gisburn, Clitheroe, Lancashire, BB7 4LN Classification: Sawmills & Wood Shavings Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	168	-	382342 448766
22	Contemporary Trade Directory Entries Name: 77 Garage Location: Gisburn Road, Gisburn, Clitheroe, Lancashire, BB7 4ES Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	222	-	382439 448654
22	Contemporary Trade Directory Entries Name: Smallbone Cars Location: Gisburn Rd, Gisburn, Clitheroe, Lancashire, BB7 4ES Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13SW (S)	250	-	382436 448627
23	Contemporary Trade Directory Entries Name: Panash UK Ltd Location: Mill Lane, Gisburn, Clitheroe, Lancashire, BB7 4LN Classification: Woodburning Stoves Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	238	-	382726 448775
23	Contemporary Trade Directory Entries Name: Panash Stoves Location: Mill Lane, Gisburn, Clitheroe, Lancashire, BB7 4LN Classification: Woodburning Stoves Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	238	-	382726 448775

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Fuel Station Entries Name: 77 Garage Location: Gisburn Road, Gisburn, Clitheroe, Lancashire, BB7 4ES Brand: TEXACO Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A13SW (S)	222	-	382439 448654
25	Fuel Station Entries Name: Deer Park Garage Location: Gisburn Road, Gisburn, CLITHEROE, Lancashire, BB7 4ES Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13SE (S)	236	-	382536 448648

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Areas of Outstanding Natural Beauty Name: Forest Of Bowland Multiple Areas: Y Total Area (m2): 805733322.62 Designation Date: 28th February 1964 Source: Natural England	A13SW (W)	135	5	382300 448925

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Ribble Valley Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Discharge Consents Environment Agency - North West Region	April 2015	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North West Region	April 2015	Quarterly
Local Authority Integrated Pollution Prevention And Control Ribble Valley Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls Ribble Valley Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Ribble Valley Borough Council - Environmental Health Department	June 2014	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	April 2015 April 2015	Quarterly Quarterly
Water Abstractions Environment Agency - North West Region	April 2015	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	April 2015	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	January 2015	As notified
Source Protection Zones Environment Agency - Head Office	April 2015	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2015	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2015	Quarterly

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2015	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2015	Quarterly
Flood Defences Environment Agency - Head Office	May 2015	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	May 2015 May 2015	Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	August 2014 August 2014	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	April 2015 April 2015	Quarterly Quarterly
Local Authority Landfill Coverage Lancashire County Council - Waste Management Group Ribbles Valley Borough Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lancashire County Council - Waste Management Group Ribbles Valley Borough Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	June 2015	Bi-Annually
Explosive Sites Health and Safety Executive	June 2015	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Ribble Valley Borough Council Lancashire County Council	January 2015 September 2014	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Ribble Valley Borough Council Lancashire County Council	January 2015 September 2014	Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	January 2010	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2015	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	July 2014	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	May 2015	Quarterly
Fuel Station Entries Catalist Ltd - Experian	May 2015	Quarterly

Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Ribble Valley Borough Council	May 2015	As notified
Areas of Unadopted Green Belt Ribble Valley Borough Council	May 2015	As notified
Areas of Outstanding Natural Beauty Natural England	February 2015	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2014	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2015	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	March 2015	Bi-Annually
National Parks Natural England	February 2015	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	July 2014	Annually
Ramsar Sites Natural England	March 2014	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2015	Bi-Annually
Special Areas of Conservation Natural England	March 2014	Bi-Annually
Special Protection Areas Natural England	April 2015	Bi-Annually

A selection of organisations who provide data within this report

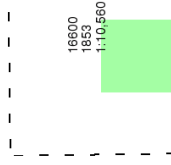
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	Ribble Valley Borough Council - Environmental Health Department Council Offices, Church Walk, Clitheroe, Lancashire, BB7 2RA	Telephone: 01200 425111 Fax: 01200 26339 Website: www.ribblevalley.gov.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
4	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
5	Natural England Suite D, Unex House, Bourges Boulevard, Peterborough, Cambridgeshire, PE1 1NG	Telephone: 0845 600 3078 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
7	Lancashire County Council - Waste Management Group Environment Directorate, Guild House, Cross Street, Preston, Lancashire, PR1 8RD	Website: www.lancashire.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

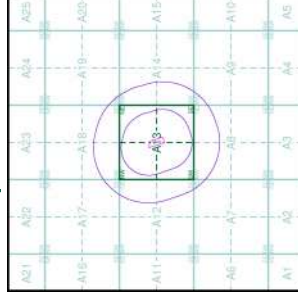
Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840 s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1858, all OS maps were based on the Cassini Projection, with independent surveys in a single area. 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 overlaid with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A

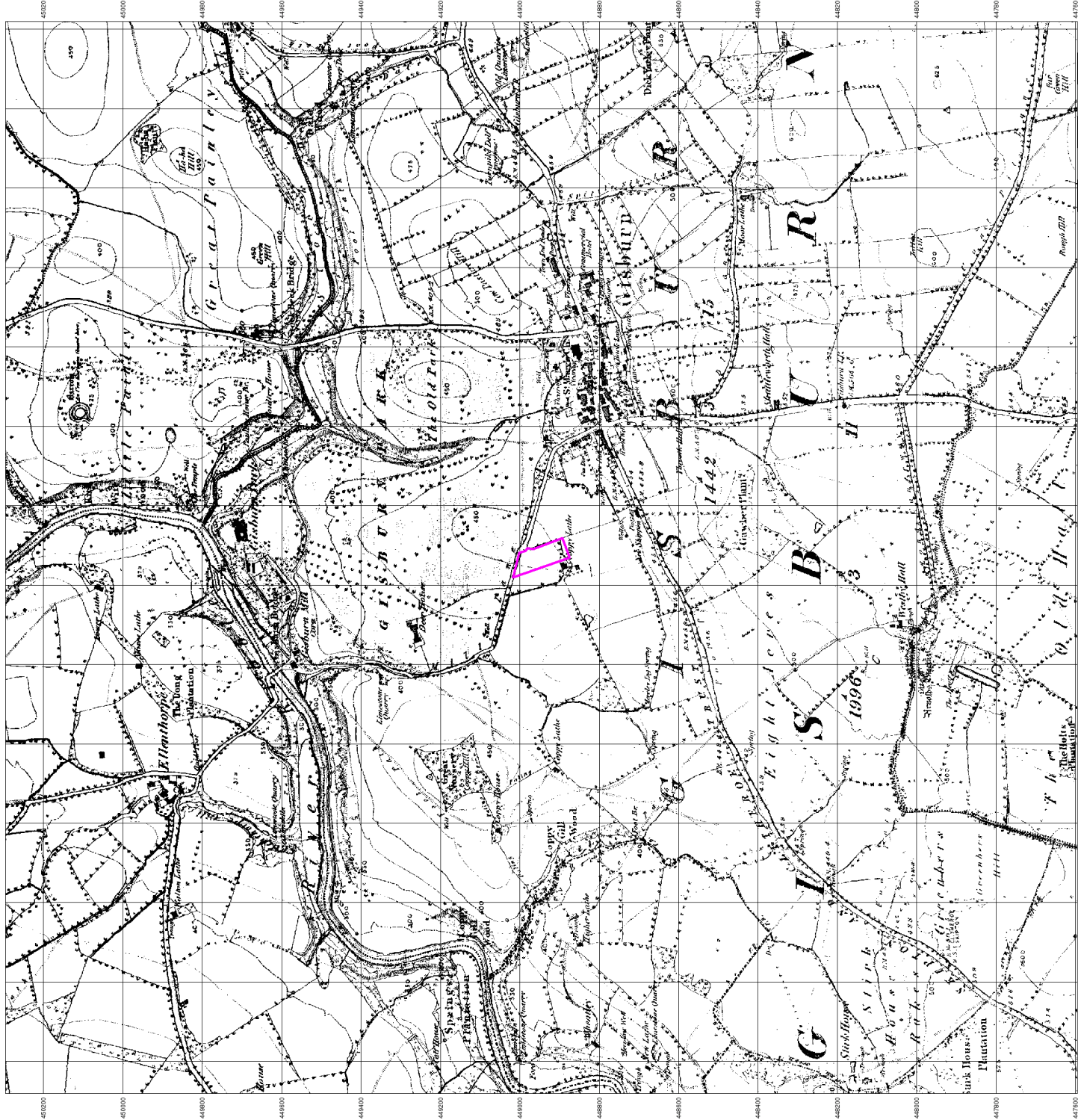


Order Details

Order Number: 70590248_1_1
Customer Ref: BB7 4LN
National Grid Reference: 382470, 448950
Slice: A
Site Area (Ha): 0.7
Search Buffer (m): 500

Site Details

Mill Lane, Gisburn, Clitheroe, BB7 4LN

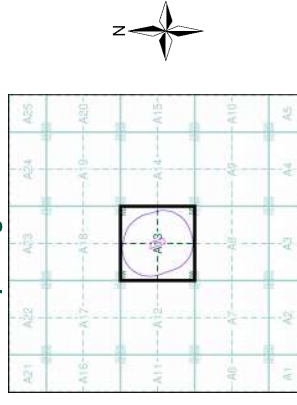


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the whole of what was adopted for mapping urban areas and by 1896 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the original date. Before 1901 all OS maps were based on the Cassini projection, with meridians of longitude or a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

166.10	1894	1:2,500
166.14	1894	1:2,500

Historical Map - Segment A13

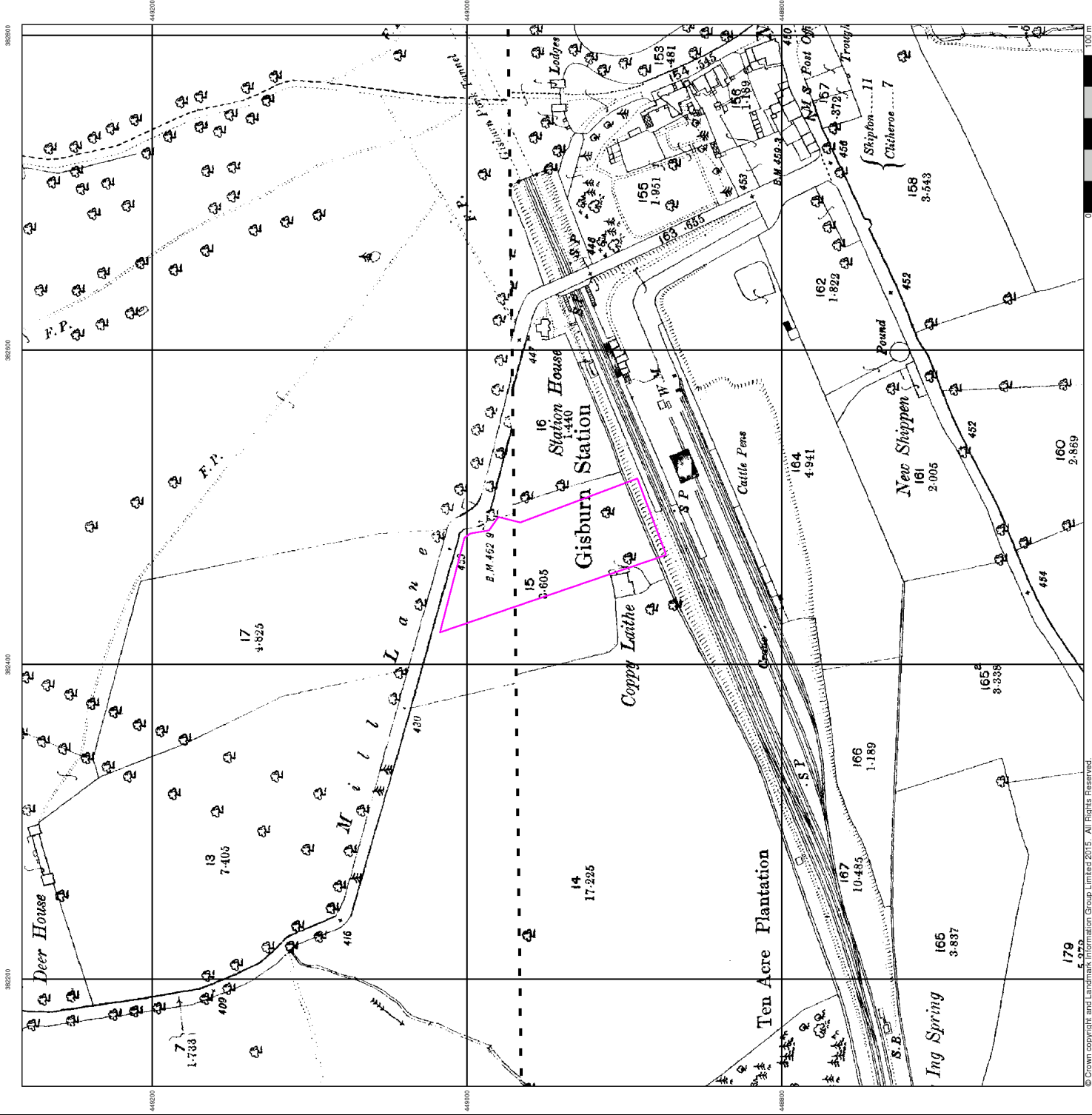


Order Details

Order Number: 70590248_1_1
 Customer Ref: BB7 4LN
 National Grid Reference: 382470, 448950
 Slice: A
 Site Area (Ha): 0.7
 Search Buffer (m): 250

Site Details

Mill Lane, Gisburn, Clitheroe, BB7 4LN



The figure shows a 10x10 grid of points. The columns are labeled A1 through A10 from left to right, and the rows are labeled 1 through 10 from bottom to top. A 3x3 subgrid is highlighted with a black border, centered at point A33. A circle is drawn around the center point A33, passing through points A23, A43, A32, and A34.

Order Details

Order Number:	70590248_1_1
Customer Ref:	BB7 4LN
National Grid Reference:	382470, 448950
Slice:	A
Site Area (Ha):	0.7
Search Buffer (m):	250

Site Details
Mill Lane, Gisburn, Clitheroe, BB7 4LN

Ordnance Survey Plan

Published 1955

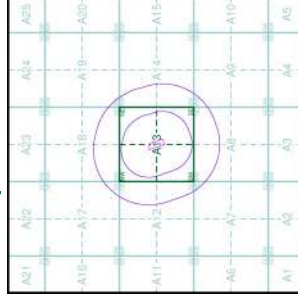
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840 s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, which was replaced by a single source, the Airy Projection, in 1938. The 1:10,560 maps were updated 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)

- SD85SW 1955 1:10,560
- SD84NW 1955 1:10,560

Historical Map - Slice A



Order Details

Order Number: 70590248_1_1
Customer Ref: BB7 4LN
National Grid Reference: 382470, 448950
Slice: A
Site Area (Ha): 0.7
Search Buffer (m): 500

Site Details

Mill Lane, Gisburn, Clitheroe, BB7 4LN

Ordinance Survey Plan

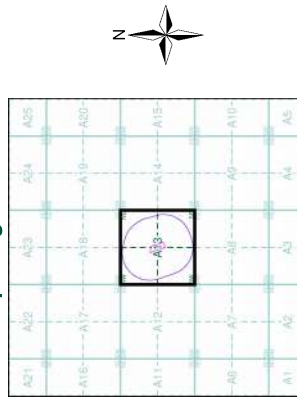
Published 1971

Source map scale - 1:2,500

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

Map Name(s) and Date(s)
<p>Map 1: [Map Name] Date: [Date]</p> <p>Map 2: [Map Name] Date: [Date]</p> <p>Map 3: [Map Name] Date: [Date]</p>

Historical Map - Segment A13



Order Details

Order Details
Order Number: 70590248_1_1

Order Number:
Customer Ref:

Customer Ref. BB7 4LN
National Grid Reference: 382470, 448950

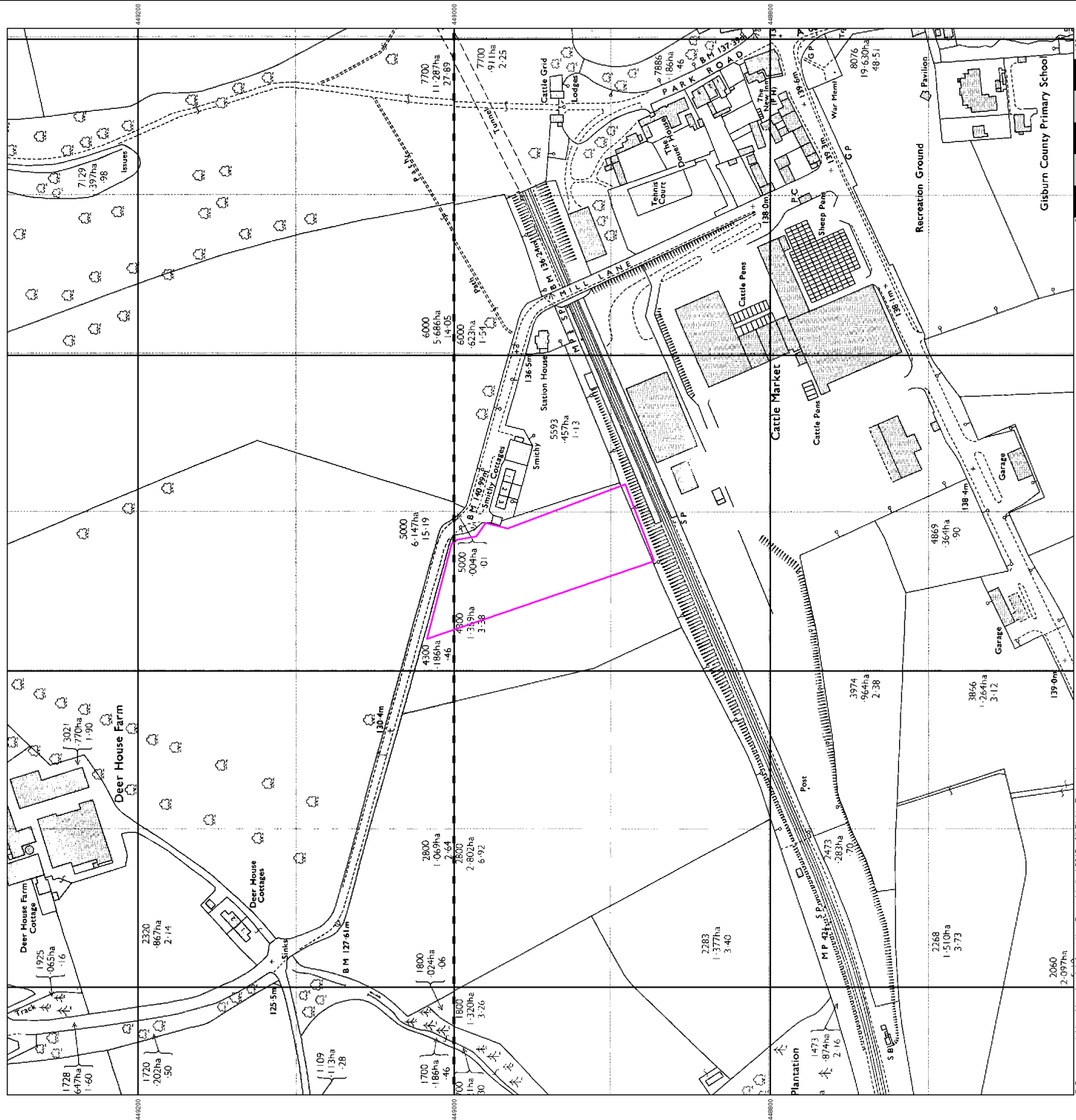
Slice:

Site Area (Ha): 0.7

Site Area (Ha): 0.7
Search Buffer (m): 250

Site Details

Site Details
Mill Lane, Gisburn, Clitheroe, BB7 4LN



Additional SIMS

Published 1971 - 1991

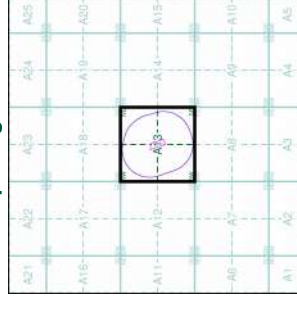
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SD8249	1971
SD8248	1991

Historical Map - Segment A13

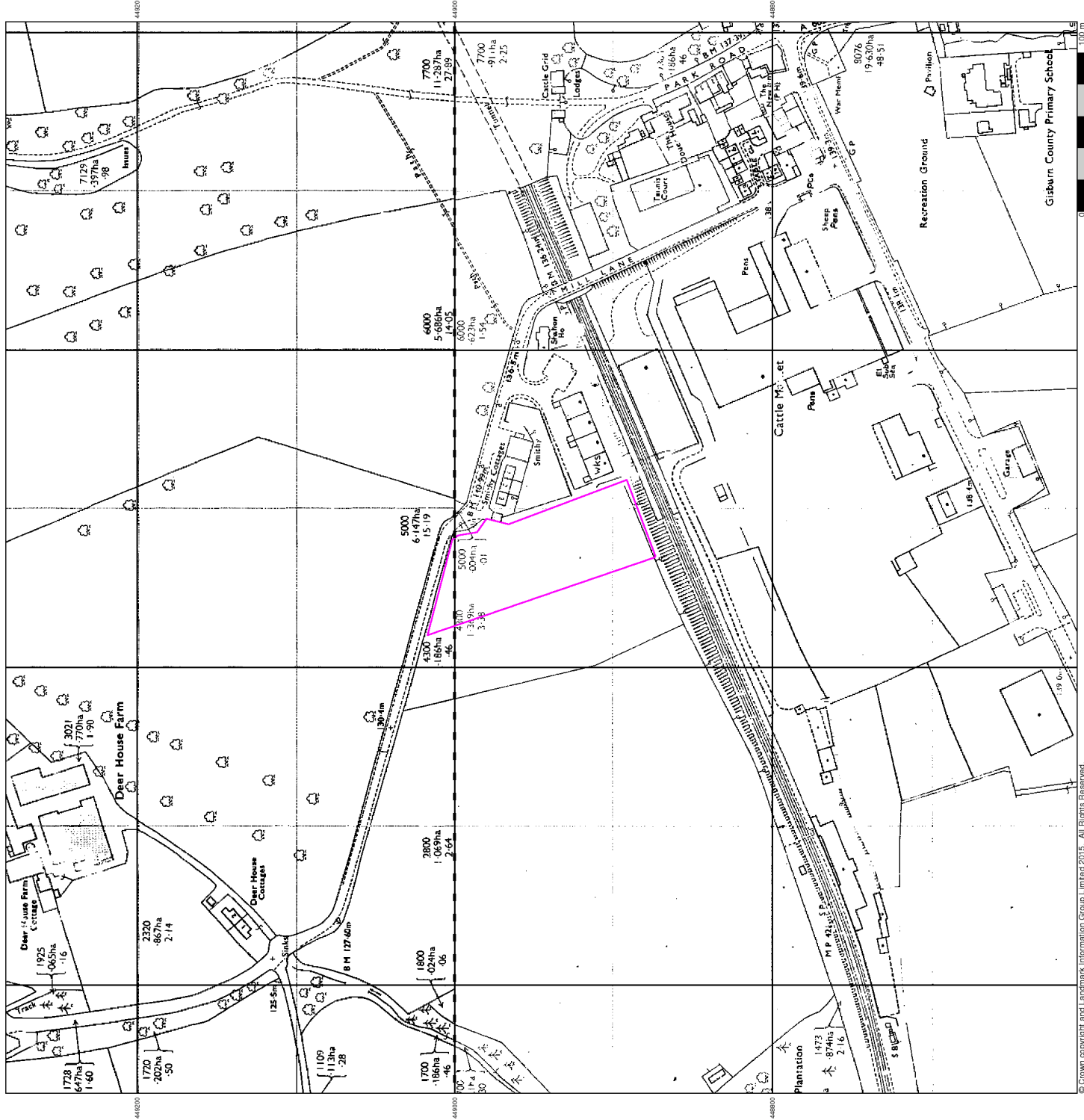


Order Details

Order Number: 70590248_1_1
 Customer Ref: BB7 4LN
 National Grid Reference: 382470, 448950
 Slice: A
 Site Area (Ha): 0.7
 Search Buffer (m): 250

Site Details

Mill Lane, Gisburn, Clitheroe, BB7 4LN





Large-Scale National Grid Data

Published 1994

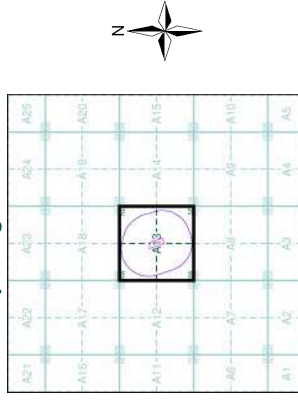
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the forerunners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:12,500 scales.

Map Name(s) and Date(s)

SD8249	1994	1:2,500
SD8248	1994	1:2,500

Historical Map - Segment A13



Order Details

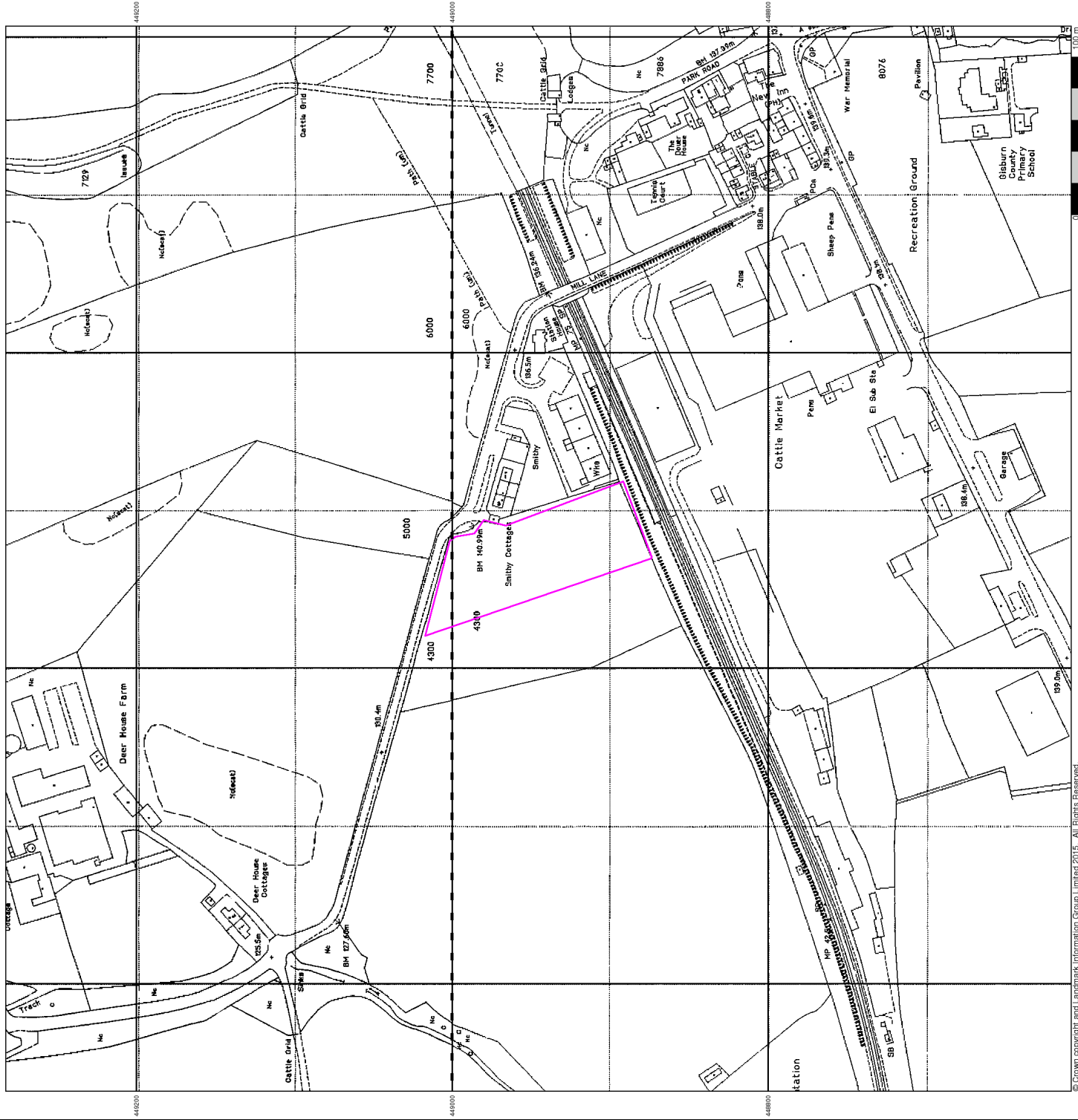
Order Number: 70590248_1_1
Customer Ref: BB7 4LN
National Grid Reference: 382470, 448950
Slice: A
Site Area (Ha): 0.7
Search Buffer (m): 250

Site Details

Mill Lane, Gisburn, Clitheroe, BB7 4LN



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





VectorMap Local

Published 2015

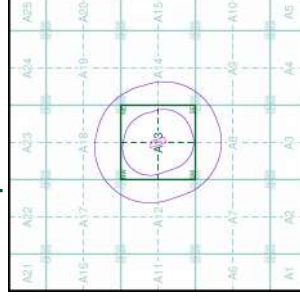
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:250 scale (covering major towns and cities) and 1:25,000 scale (smaller towns, villages and designated rural areas), and 1:10,000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

- SD65SW
2015
Variable
- SD64NW
2015
Variable

Historical Map - Slice A



Order Details

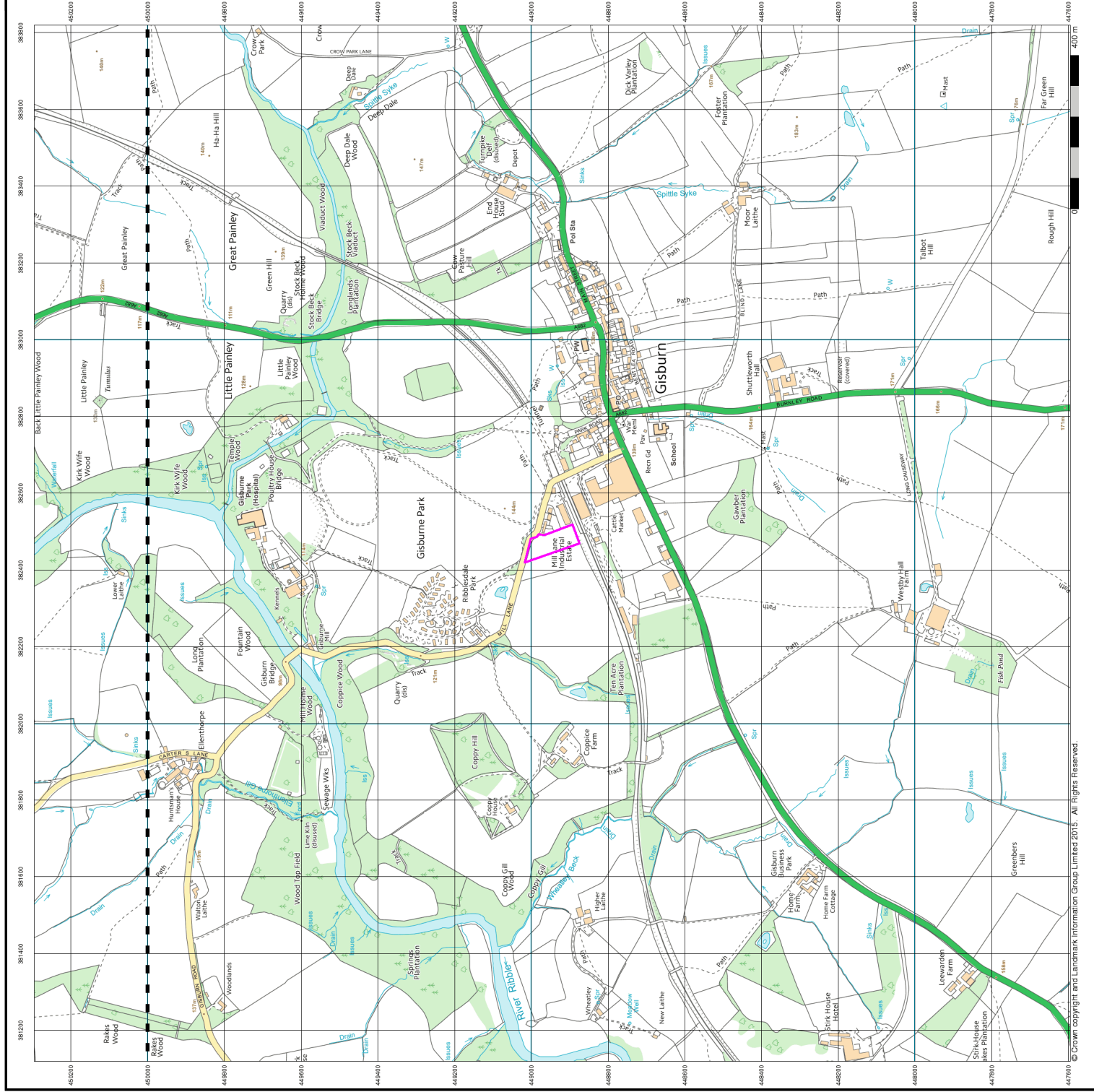
Order Number: 70590248_1_1
Customer Ref: BB7 4LN
National Grid Reference: 382470, 448950
Slice: A
Site Area (Ha): 0.7
Search Buffer (m): 500

Site Details

Mill Lane, Gisburn, Clitheroe, BB7 4LN



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



site is a field, contamination is not expected at raised levels

no risk to householders and no pollutant linkages expected

no risk to controlled waters exoected

no nearby sources for landfill/ground gas

radon protection not needed

Land off Mill Lane, Gisburn, Clitheroe, BB7 4LN		WORMS EYE
Concep̄ual Model based on Desk Study		52 Bank Parade Burnley, BB11 1TS
Not to scale	11/08/2015	01282 414 649

