

PENDLE AVENUE, BACUP

PHASE 1: PRELIMINARY RISK ASSESSMENT

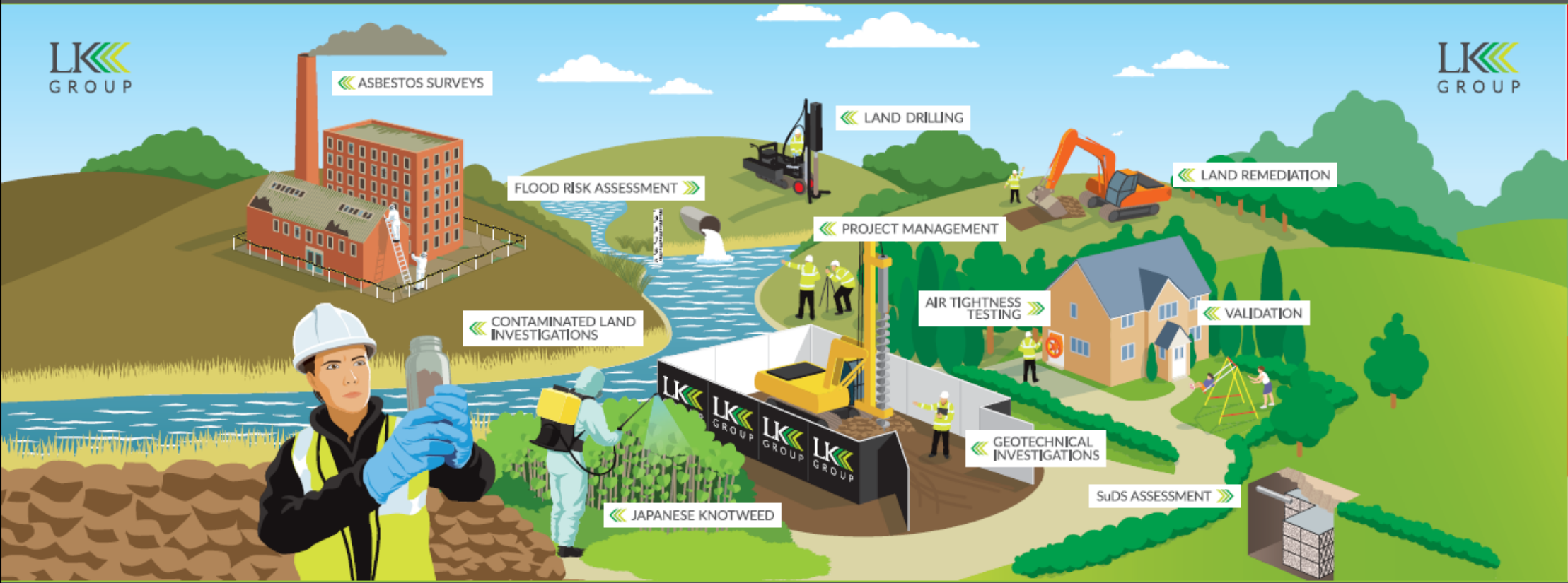
Job Number: LKC 23 1451
Date: 7th August 2023
Client: Amaar Uddin



INCREASING LAND VALUE

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ASBESTOS SURVEYS

LAND DRILLING

LAND REMEDIATION

FLOOD RISK ASSESSMENT

PROJECT MANAGEMENT

AIR TIGHTNESS TESTING

VALIDATION

CONTAMINATED LAND INVESTIGATIONS

GEOTECHNICAL INVESTIGATIONS

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LK Consult			
Document Verification			
Site Address	Land off Pendle Avenue, Bacup, OL13 9DW		
Report Title	Phase 1: Preliminary Risk Assessment		
Job Number	LKC 23 1451	Document Ref.	LKC 23 1451-A1-PRA
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Prepared By	Charles Danby	Reviewed By	Kris Rodway

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Revision No.	Date	Nature of Revision	Approved By

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1 Introduction

LK Consult Ltd (LKC) has been commissioned to carry out a Phase 1 Preliminary Risk Assessment (PRA) for Pendle Avenue, Bacup.

In accordance with current guidance (including LCRM¹ and the National Planning Policy Framework (NPPF)²), the PRA will include a site reconnaissance, site history, geology, hydrogeology, hydrology, mineral search and a landfill search. Information gathered from the desk study and site reconnaissance will be used to develop a contamination conceptual model for the site.

In addition, the information gathered will be used to identify potential geotechnical constraints associated with the redevelopment of the site.

Based on the findings of this report, an appropriate site investigation can be derived, if required.

Site details are provided in Table 1-1. Figure 1 shows the site location and boundary. Figure 2 shows the proposed development plan.

Site Location	To the northwest of Pendle Avenue, bordered by Cowtoot Lane to the northwest. Centred at approximate National Grid Reference 387030E 423540N.
Approximate Area	680m ² .
Topography	290-294 metres Above Ordnance Datum (AOD). Site slopes down to the southwest.
Current Site Use	Vacant land.
Purpose of Report	Pre-planning.
Proposed Development	Erection of a two storey dwelling.

Table 1-1: Summary of site details.

¹ Land Contamination Risk Management (LCRM) <https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm>

² "National Planning Policy Framework." The Ministry of Housing, Communities and Local Government. Published March 2012, Updated July 2021.

2 Historical Review

In compiling the site history, LKC consulted Envirocheck historical mapping (Appendix A) and other public domain maps / aerial photography.

Table 2-1 summarises features on site.

Site Features	Location on Site	Dates Present		Comments
		From	To	
Unreferenced Building	NW	1993	1993	No longer present on 2000 mapping.

Table 2-1: Summary of site features. Dates based on available historical map editions.

Table 2-2 summarises potentially contaminative land uses within approximately 50m and potentially infilled features within approximate 250m.

Surrounding Area Features	Distance (m)	Direction	Dates Present		Comments
			From	To	
Reservoir	129	N	1893	1962	No longer present on 1967 mapping.
Cutting	138	E	1930	1996	No longer present on 2000 mapping.
Tank	165	SE	1910	1960	No longer marked on 1967 mapping.
Reservoir	213	NW	1893	1993	No longer seen on 1999 aerial photo.
Old Meadows Colliery	216	NW	1892	1967	No longer marked on 1986 mapping.

Table 2-2: Summary of potentially contaminative features within 50m and potentially infilled features with 250m. Dates are based on available historical map editions.

3 Environmental Setting

A summary of environmental settings is presented in Table 3-1, based on a review of available environmental data.

Categories ^(data sources)		Details
Geology ^{1, 2}	Artificial	- No BGS recorded artificial ground.
	Superficial	- No BGS recorded superficial ground.
	Bedrock	- Pennine Lower Coal Measures (Mudstone, Siltstone, Sandstone). - Coal seams subcropping in the surrounding area, within 100m of site.
	BGS Logs (<50m)	- None.
Hydro-geology ¹	Aquifer Designation	- Superficial - Bedrock
	Source Protection Zone (SPZ)	- Site not within an SPZ.
	Groundwater Abstractions (100m)	- None.
	Surface Water Courses (100m)	- None.
Hydrology ¹	Flooding risk	- Flood Zone 1.
	Surface Water Abstractions (100m)	- None.
	Discharge Consents (onsite)	- None.
	Pollution Incidents (onsite)	- None.
	Coal Mining	- Within a Coal Reporting Area. - Not within a Development High Risk Area.
Minerals & Mining ^{1,3,4}	Surface Mineral Extractions (250m)	- None.
	Cheshire Brine Compensation District	- Not within Compensation District. - Not within Consultation Area.
	Non-Coal Mining Area	- No hazard.
	Collapsible Ground	- Very low hazard.
Ground Stability ¹	Compressible Ground	- No hazard.
	Ground Dissolution	- No hazard.
	Landslide	- Low hazard.
	Running Sand	- No hazard.
	Shrinking / Swelling Clay	- Very low hazard.
	Known / Registered	- None.
Landfill Sites (250m) ¹	Potentially Infilled Land (non-water and water), based on Envirocheck Report	- 2no. features: 148m NW and 224m NW.
	Potentially infilled sites, based on LKC historical review	- 5no. features. See Table 2-2.
	Radon Potential ¹	- <1% of homes above Action Level. No protective measures are necessary in the construction of new dwellings or extensions.

Table 3-1: Summary of the environmental setting.

Notes: Distance in brackets is the distance from site that features are included. Where no distance given, features relate to onsite only.

Data Sources:

1 Envirocheck Report (Appendix A & B)

2 BGS GeoIndex <http://mapapps2.bgs.ac.uk/geoindex/home.html>

3 The Coal Authority Web Mapping Services (WMS) /

Interactive Map Viewer <http://coal.decc.gov.uk/en/coal/cms/publications/data/map/map.aspx>

4 Cheshire Brine Subsidence Compensation Board Compensation District & Consultation Areas <http://www.cheshirebrine.com/wp-content/uploads/2016/11/NL08134-001-002.pdf>

Categories ^(data sources)	Details
Designated Sites (50m) ¹	- None.
Contemporary Trade Directory (50m) ¹	- None.
Fuel Station Entries (50m) ¹	- None.
Unexploded Ordnance Risk (UXO) – Zetica Risk Map ⁵	- Bomb Risk: Low. - Strategic Targets: None identified within 100m.

Table 3-1 (continued): Summary of the environmental setting.

Notes: Distance in brackets is the distance from site that features are included. Where no distance given, features relate to onsite only.

Data Sources:

1 Envirocheck Report (Appendix A & B)

5 Zetica UXO Unexploded Bomb Risk Map (Appendix C)

4 Site Reconnaissance

A site reconnaissance was carried out on 31 July 2023. Hand dug trial holes were undertaken in accessible areas to confirm the shallow ground conditions.

Relevant features identified on site are summarised below:

- Ground is grassed, with small footpaths traversing the area.
- Site is open to Pendle Avenue along the southeast boundary and can also be accessed from Cowtoot Lane along the northwest boundary.
- Site is currently open to the public, with an established footpath running from Cowtoot Lane towards the northeast across the site to Pendle Avenue.
- Occupants of West View, adjacent to Cowtoot Lane have been storing material in open air on the northwest edge of the site.
- No visual evidence of significant contamination identified.

The surrounding area comprises:

- A footpath and fields to the north.
- Residential property to the east.
- Pendle Avenue to the southeast with residential properties beyond.
- Back yards associated with residential properties to the southwest.
- Cowtoot Lane and West View residential properties to the northwest.

Hand dug pits were carried out in 2no. locations and are summarised in Table 4-1.

HD101	HD102
GL-0.7m Made Ground (Gravelly silt with frequent brick, gravel, cobbles). 0.7-0.9m Gravelly clay.	GL-0.6m Made Ground (clayey gravelly silt with frequent brick, occasional pottery, rootlets and rare plastic). 0.6-0.8m Gravelly clay.

Table 4-1: Hand Dug Pit Logs.

Relevant photographs are provided in Plate 4-2.





Photograph 3: View of potential access via Cowtoot Lane facing W.



Photograph 4: View of miscellaneous materials tipped by owners of neighbouring building.

Plate 4-2: Site photographs.

Relevant features are also shown on Plate 4-3.



Plate 4-3: Plan showing relevant site walkover features.

5 Preliminary Contamination Conceptual Site Model

5.1 Introduction

The aim of the conceptual model is to provide a preliminary assessment of the likelihood of a pollutant linkage for each potential combination of contaminant, pathway and receptor. A conceptual model can be used to make an informed decision on the contamination risks associated with the site and whether further site investigation work is required.

The Sections below are therefore divided into potential contaminant, potential pathway and potential receptor as described in LCRM³, on the premise that, if there is no pollutant linkage, then there will be no risk to the receptor. The final Section provides an assessment of the potential pollutant linkages that may still be present on the site if redevelopment were to occur.

5.2 Potential Contaminants

Potential viable contamination sources are detailed in Table 5-1. These are split into onsite sources, offsite sources, and underlying geology.

Potential Source	Contaminants
On Site	
Shallow Made Ground below some or all of site (e.g. site levelling)	- Assuming predominantly reworked natural soils with possible demolition rubble,; Asbestos, heavy metals, sulphates, PAHs ⁴ . - Not expected to be a significant source of gas given anticipated depth and nature of Made Ground.
Demolished buildings	- Possible Asbestos Containing Material (ACM).
Surrounding Area	
Surrounding area	- No significant contamination sources within influencing distance of the site.
Landfills / offsite potentially infilled features within 250m	- Given size, distance and age of features, there is not considered to be a significant source of hazardous gas.
Underlying Geology	
Underlying Pennine Lower Coal Measures	- Ground Gas (principally carbon dioxide and methane).
Radon Affected Area	- <1% of homes above Action Level. No protective measures are necessary in the construction of new dwellings or extensions. - No further consideration required.
Superficial / Bedrock	- Pennine Lower Coal Measures. - No significant contamination sources identified. - Although not identified as sulphate / sulphide bearing strata ⁵ , there could be some localised raised concentrations. This is considered further in the geotechnical assessment.

Table 5-1: Potential contamination sources.

³ Land Contamination Risk Management (LCRM) <https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm>

⁴ Defra (2002). "Potential Contaminants for the Assessment of Land". R&D Publication CLR 8.

⁵ BRE (2005). "Concrete in Aggressive Ground". SD1.

5.3 Potential Receptors

Potential receptors are detailed in Table 5-2.

Receptors	
Human Health	- Future site users (including residents, visitors and site workers). - Offsite land users.
Controlled Waters	- Secondary A Aquifer. - No surface water within influencing distance.
Buildings.	
Potable water pipes.	

Table 5-2: Potential receptors.

5.4 Potential Pathways

Potential pathways are detailed in Table 5-3.

Pathways		
Soil	Human Health ⁶ (residential land use: houses with private gardens)	- Ingestion of soil. - Ingestion of soil-derived indoor dust. - Ingestion of contaminated home-grown produce. - Ingestion of soil attached to home-grown produce. - Dermal contact with soil. - Dermal contact with soil-derived indoor dust. - Inhalation of soil-derived outdoor dust. - Inhalation of soil-derived indoor dust. - Inhalation of vapours outside. - Inhalation of vapours inside.
		- Windblown dust and fibres to adjacent receptors.
		- Direct contact with receptors (services).
Water		- Surface run-off over impermeable surface. - Site is grassed ⁶ , though has a slope, therefore surface runoff is likely.
		- Infiltration into the ground, through potentially contaminated material (contamination possibly going into solution).
		- Lack of hardstood ground means infiltration is likely.
Water and Gas		- Migration through potentially permeable strata and preferential pathways. - No superficial deposits recorded. Direct pathway to bedrock. - Bedrock (mudstone, siltstone, sandstone) likely to be variably permeable. - No preferential pathways are anticipated.
Gas		- Migration into buildings (e.g. via services) and accumulation of gases in confined spaces (potentially causing explosion, if methane is present).

Table 5-3: Potential pathways.

⁶ EA (2008). "Updated Technical Background to the CLEA Model". Science Report – SC050021/SR3.

5.5 Preliminary Contamination Conceptual Model

The Preliminary Contamination Conceptual Site Model (PCCSM) is illustrated in Table 5-4 and has identified five generic potential pollutant linkages.

Each linkage is described along with an assessment of the risk based upon guidance on probabilities and consequences outlined in CIRIA C552⁷.

In order to assess the potential risk for each pollutant linkage, an assessment of the magnitude of the potential consequence (severity) of the risk occurring and the magnitude of the probability (likelihood) of the risk occurring has been considered and classified. This is based on the guidance provided in CIRIA C552 and further details including a risk matrix is provided in Appendix D.

Where LKC identified a low to very low risk, targeted or low density intrusive investigation work, a watching brief (during construction work) or no investigation work will be recommended. This will be dependent on the nature of the site and the proposed development.

Where the risk falls into the moderate/low risk, LKC will undertake an assessment to establish what category the pollutant linkage will fall into (i.e. moderate or low risk will be chosen).

Where LKC identifies a moderate or higher risk, intrusive investigation work or precautionary remedial measures will be recommended.

Due to the minor consequence associated with the phytotoxic effect to flora (i.e. loss of plants in a landscaping scheme), the overall risk for the majority of sites will be very low to low. Where soils contain significant concentrations of heavy metals, in general there will other pollutant linkages (i.e. the risk to human health) that will trigger the requirement for remediation (e.g. a clean environmental cover system). As such the risk to flora associated with phytotoxic contaminants will not be considered further.

The risk to buildings associated with elevated sulphate will be considered as part of the geotechnical assessment and will not be included in the contamination risk assessment.

It should be noted that there may be risk from short term exposure from contaminated soil to site workers. The Preliminary Contamination Conceptual Model deals with long term exposure to key receptors. Acute risks can be easily mitigated by good environmental management of the site during site works. Standard health and safety precautions (as per HSE guidance⁸) should be adopted by all workers involved with site enabling and construction works. Therefore, this receptor is not considered in the contamination conceptual model.

⁷ CIRIA (2001). "Contaminated Land Risk Assessment: A Guide to Good Practice". C552.

⁸ HSE (1991). "Protection of Workers and the General Public During Development of Contaminated Land". London HMSO.

PL	Pathway	Receptor	Contaminants of Concern (CoC)	Probability	Consequence	Risk	Recommendations
1	<ul style="list-style-type: none"> - Dermal contact. - Inhalation of soil, fibres and dust. - Ingestion of soils, dust, home-grown produce, soil attached to home-grown produce. - Windblown dust. 	<ul style="list-style-type: none"> - Future site users. - Offsite receptors. 	<ul style="list-style-type: none"> - ACM - Heavy metals - PAHs 	Low Likelihood (given site history, site conditions and proposed end use)	Medium	Moderate / Low (moderate assumed until ground conditions confirmed)	Intrusive investigation required. Soil analysis of CoC.
2	<ul style="list-style-type: none"> - Inhalation of vapours. - Migration via permeable strata and preferential pathways. 	<ul style="list-style-type: none"> - Future site users. - Offsite receptors. 	Volatile contaminants: - Naphthalene.	Unlikely (given site history, site conditions and proposed end use)	Medium	Low	Watching brief during groundworks.
3	<ul style="list-style-type: none"> - Inhalation of gas. - Migration via permeable strata and preferential pathways. - Explosion in confined spaces. 	<ul style="list-style-type: none"> - Future site users. - Buildings. - Offsite land users. 	Ground / hazardous gas: - Carbon dioxide - Methane	Unlikely (given limited gas source and unknown pathway)	Severe	Moderate / Low (moderate assumed until ground conditions confirmed)	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring required.
4	<ul style="list-style-type: none"> - Surface run-off. - Migration via permeable strata and preferential pathways. - Perched waters migration. 	<ul style="list-style-type: none"> - Groundwater (Secondary A Aquifer). 	Mobile contaminants: - Heavy metals - PAHs	Low Likelihood (only minimal mobile contamination anticipated with limited pathway)	Medium	Moderate / Low (moderate assumed until ground conditions confirmed)	Intrusive investigation required. Groundwater sampling, subject to ground conditions encountered. Analysis of CoC.
5	<ul style="list-style-type: none"> - Ingestion of tainted water supply. 	<ul style="list-style-type: none"> - Future site users. - Water pipes. 	Organic contaminants - Petroleum hydrocarbons - Naphthalene - Volatile compounds	Low Likelihood (given site history, site conditions and made ground not expected at pipeline depth)	Medium	Moderate / Low (moderate assumed until ground conditions confirmed)	Intrusive investigation required. Soil analysis of CoC, subject to ground conditions encountered.

Table 5-4: Preliminary Contamination Conceptual Site Model.

Notes: PL = Pollutant Linkage. Contaminant of Concern (CoC) – See Table 5-1 for contamination sources. Site conditions based on observations during site reconnaissance.

6 Preliminary Geotechnical Risk Assessment

Table 6-1 summarises the possible geotechnical constraints of the site, based on the site history, environmental settings and site reconnaissance. Investigation work will be required to confirm the risks and provide a detailed geotechnical assessment and foundation design.

Coal Mining	Site is not within a Development High Risk Area. No further assessment required.
Slope Stability	Slope identified on site (falls to southwest). Further assessment required to determine the instability risk.
Envirocheck Ground Stability Hazards	No to low hazard identified. No further action required.
Made Ground	Initial information indicates relatively shallow made ground. Unlikely to be a suitable founding strata unless engineering work is undertaken.
Field Boundaries	Possible former hedges / trees / ditch resulting in increased likelihood of roots, organic material, shallow made ground.
Superficial	Unknown strength of soils for foundation design. None recorded.
Bedrock	Unknown depth to bedrock.
Groundwater	Unknown depth and variability of groundwater. A number of springs noted around the site, specifically to the north. Shallow / fluctuating groundwater can affect the strength of the soil, particularly in granular ground. Shallow groundwater can also affect construction works.
Plasticity	Plasticity of clay deposits should be confirmed, particularly where trees are present or proposed, to identify the shrink / swell risk. Clay recorded on site within hand dug pits.
Sulphate	Unknown sulphate content of the made ground and natural.

Table 6-1: Summary of geotechnical constraints.

7 Summary Conclusions and Recommendations

7.1 Summary Conclusions

Table 7-1 summarises the site details, historical review, environmental settings and site reconnaissance.

Current Site Use	Vacant land.
Proposed Development	Erection of a two storey dwelling.
Main Historical Features	Onsite: Unreferenced building. Surrounding Area: Reservoirs, Cutting, Colliery.
Geology / Hydrogeology	Artificial: No BGS recorded artificial. Superficial: No BGS recorded superficial. Bedrock: Lower Coal Measures. Secondary A Aquifer.
Landfills / Infilled Ground	No recorded landfills. Potentially infilled ground identified.
Site Walkover	Site open to public, accessible from pavement of Pendle Avenue and from Cowtoot Lane. Site is well vegetated and slopes down to the southwest. Fly tipping present on western edge of site. No visible significant contamination present.

Table 7-1: Summary of site details, historical review, environmental settings and site reconnaissance.

A preliminary contamination conceptual site model has been produced by LKC, which is summarised in Table 7-2.

Pollutant Linkage		Risk	Recommendations
PL1: Contaminants posing a risk to future site users via dermal contact, ingestion and inhalation (of soil, dust, fibres and home-grown produce).	ACM, heavy metals, PAHs	Moderate / Low	Intrusive investigation required. Soil analysis of CoC.
PL2: Volatile contaminants posing a risk to future site users via the inhalation of vapours.		Low	Watching brief during groundworks.
PL3: Gas (carbon dioxide and methane) posing a risk to buildings and future site users via the migration of gas into building causing explosion and asphyxiation.		Moderate / Low	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring required.
PL4: Mobile contamination posing a risk to controlled waters via the migration through permeable strata.		Moderate / Low	Intrusive investigation required. Groundwater sampling, subject to ground conditions encountered. Analysis of CoC.
PL5: Organic contaminants posing a risk to water pipes.		Moderate / Low	Intrusive investigation required. Soil analysis of CoC, subject to ground conditions encountered.

Table 7-2: Summary risk table.

Where moderate / low risk had been identified, the assumed risk is shown in bold.

A preliminary geotechnical assessment has been carried out by LKC. Table 7-3 summarises the geotechnical constraints.

Coal Mining	No further assessment required.
Slope Stability	Further assessment is required to confirm the instability risk.
Made Ground	Unknown depth and constituent of made ground across the site.
Superficial	Unknown strength of soils for foundation design.
Bedrock	Unknown depth of bedrock below the site.
Groundwater	Unknown depth and variability of groundwater.
Plasticity	Plasticity of clay deposits should be confirmed.
Sulphate	Unknown sulphate content of the made ground and natural.
Road / Pavement Design	Unknown CBR values for footpath and road design should be calculated.

Table 7-3: Summary of geotechnical constraints.

7.2 Recommendations

Recommendations are provided in Table 7-4.

Contamination Status	There is sufficient information on the potential contaminative status of the site to allow conditional approval of a planning application, based on the proposed end use detailed in the PRA.
Further Assessment Recommendations	Phase 2 intrusive investigation required, once planning has been approved. Phase 2 investigation to be carried out in line with current guidance, including BS10175 ⁹ , BS5930 ¹⁰ CIRIA C665 ¹¹ , RB17 ¹² and BS8485 ¹³ . Either 'exploratory investigation': 1 sample per 25-50m square centres. Or 'detailed investigation': 1 sample per 10-25m square centres. Plus targeted investigation locations in areas of concern (contamination and geotechnical). To be agreed with the local authority.
Type of Investigation Work	Boreholes, with supplementary hand dug pits.
PL 1, 2, 5	Intrusive investigation work recommended to confirm ground conditions across the site. Testing of contaminants of concern based on preliminary conceptual model and field observations (PID tests and visual / olfactory evidence).
PL 3	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring required. Gas monitoring: monitoring wells to be installed in boreholes, monitoring frequency and period subject to anticipated risk.
PL 4	Groundwater sampling, subject to ground conditions encountered. Groundwater samples to be collected from monitoring wells and tested for contaminants of concern based on preliminary conceptual model and ground conditions encountered.
Reporting	Information from the above can be used to carry out a contamination and geotechnical assessment and provide a remediation strategy for the site.

Table 7-4: Recommendations.

⁹ British Standard (2017). "Investigation of Potentially Contaminated Sites – Code of Practice". BS10175:2017.

¹⁰ British Standard (2015). "Code of Practice for Ground Investigations". BS5930:2015.

¹¹ CIRIA (2007). "Assessing Risks Posed by Hazardous Ground Gases to Buildings". CIRIA C665.

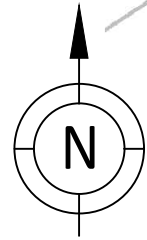
¹² CL:AIRE Research Bulletin RB17 (November 2012) "A Pragmatic Approach to Ground Gas Risk Assessment".

¹³ BSI (2015). "Code of Practice for the Design of Protective Measures for Methane and Carbon Dioxide Ground Gases for New Buildings". BS8485:2015.








Figures



Client: Amaar Uddin				Title: Site Location & Boundary Plan					
Site: Pendle Avenue, Bacup				Scale (see scale bar): 1:25,000 & 1:500 @ A4				Figure: 1	
Job No.: LKC 23 1451		Drawn By: CD	Checked By: RP	Drawn: Aug 2023				Revision:	



KEY

-  Site Boundary
-  Existing Dead Trees to be Removed
-  Smooth Grey Concrete Tiles - Roofing
-  Rossendale Native Hedgerow - Landscaping
-  Rossendale Native Grass - Landscaping
-  Permeable Block Paving - Driveway
-  Image Number and Direction of Photo - Design and Access Statement

Sampling Locations and features annotated by LK Consult Ltd are approximate and are based upon observed measurements unless otherwise stated. Do not scale from this drawing and work from marked dimensions only. All dimensions and features should be confirmed on site by the Contractor. Where this drawing includes information provided to LK Consult Ltd by others, LK Consult Ltd gives no warranty, representation or assurance as to the accuracy of such information.



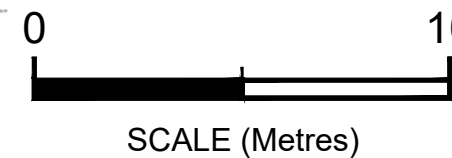
Client: **Amaar Uddin**

Site: **Pendle Avenue, Bacup**

Title: **Proposed Development Plan**

Job No.: LKC 23 1451	Scale (See Scale Bar): See Scale Bar	Figure: 2	Revision:
Drawn By: AC	Checked By: CD	Drawn: Aug 2023	

Extract From: J C Building Design Ltd
 Drawing Ref: Proposed Site Plan, No.JCBD-22-304-1, Rev:01 (17/02/2023)



Appendix A

Historical Maps

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	-285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		
	Bracken		Heath
	Rough Grassland		
	Marsh		Reeds
	Saltings		
	Building		Direction of Flow of Water
	Glasshouse		Shingle
			Sand
	Sloping Masonry		Pylon
			Electricity Transmission Line
			Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		
	Standard Gauge Single Track		
	Siding, Tramway or Mineral Line		
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

1:10,000 Raster Mapping

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

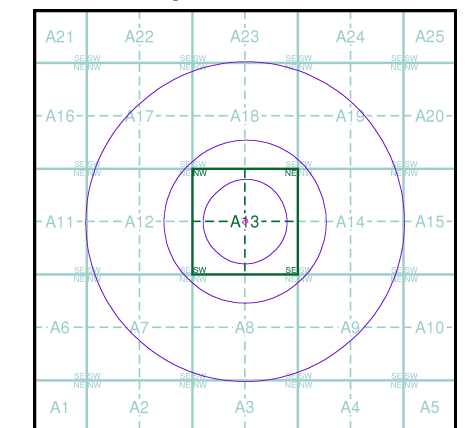


GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1849	2
Yorkshire	1:10,560	1894 - 1895	3
Lancashire And Furness	1:10,560	1894	4
Yorkshire	1:10,560	1911	5
Yorkshire	1:10,560	1911	6
Lancashire And Furness	1:10,560	1912	7
Lancashire And Furness	1:10,560	1931 - 1932	8
Lancashire And Furness	1:10,560	1938	9
Yorkshire	1:10,560	1938	10
Ordnance Survey Plan	1:10,000	1956	11
Ordnance Survey Plan	1:10,000	1967	12
Ordnance Survey Plan	1:10,000	1988	13
10K Raster Mapping	1:10,000	2000	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2023	16

Historical Map - Slice A



Order Details

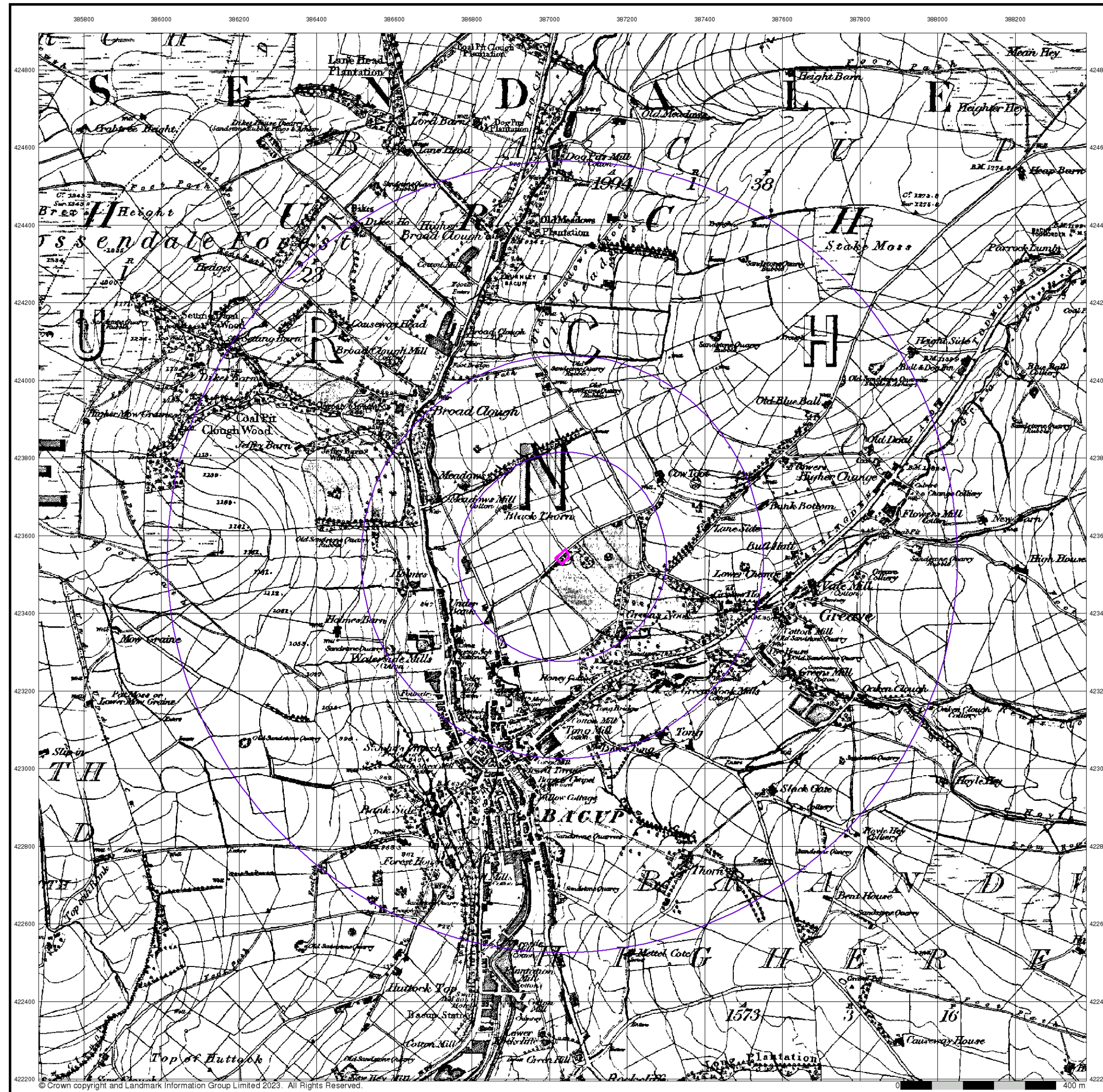
Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
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 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



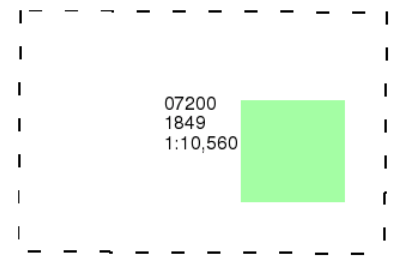
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



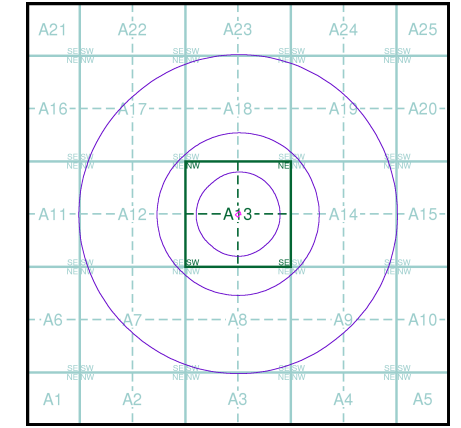
LK
GROUP
Lancashire And Furness
Published 1849
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details
 Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details
 Land of Pendle Avenue, Bacup, OL13 9DW

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

Published 1894 - 1895

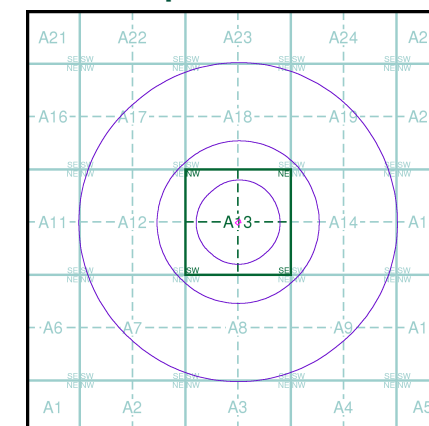
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

229ANE 1894 1:10,560
229ASE 1895 1:10,560

Historical Map - Slice A

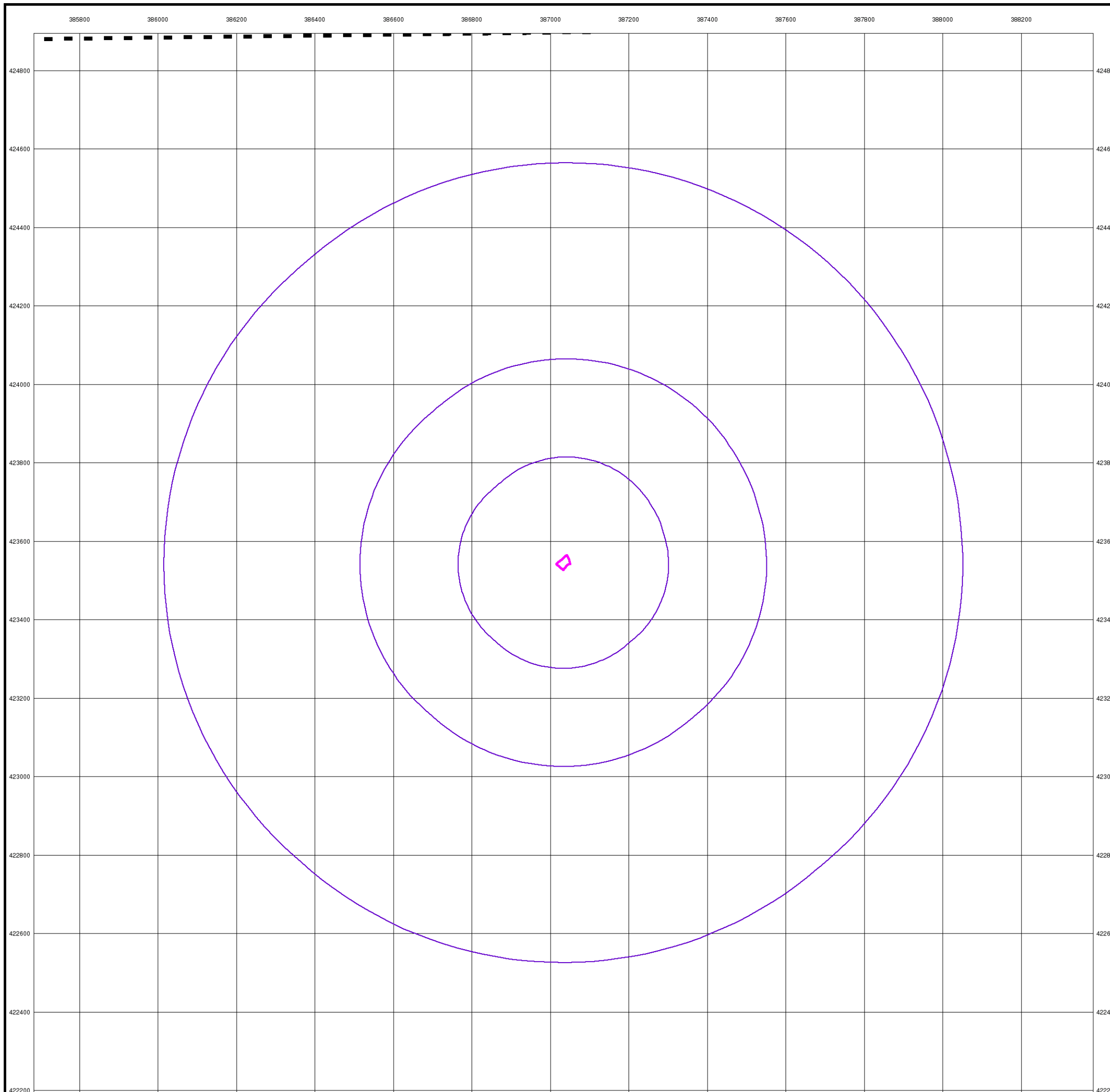


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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



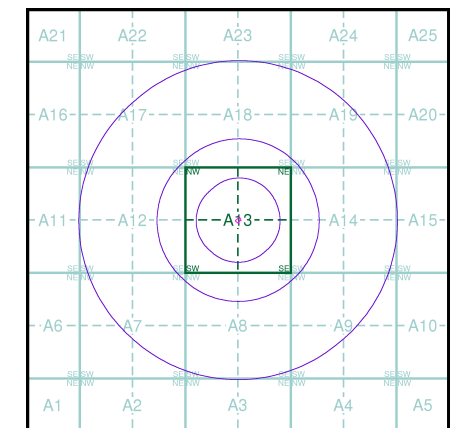
Published 1894
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

072NE	1894	1:10,560
072SE	1894	1:10,560

Historical Map - Slice A

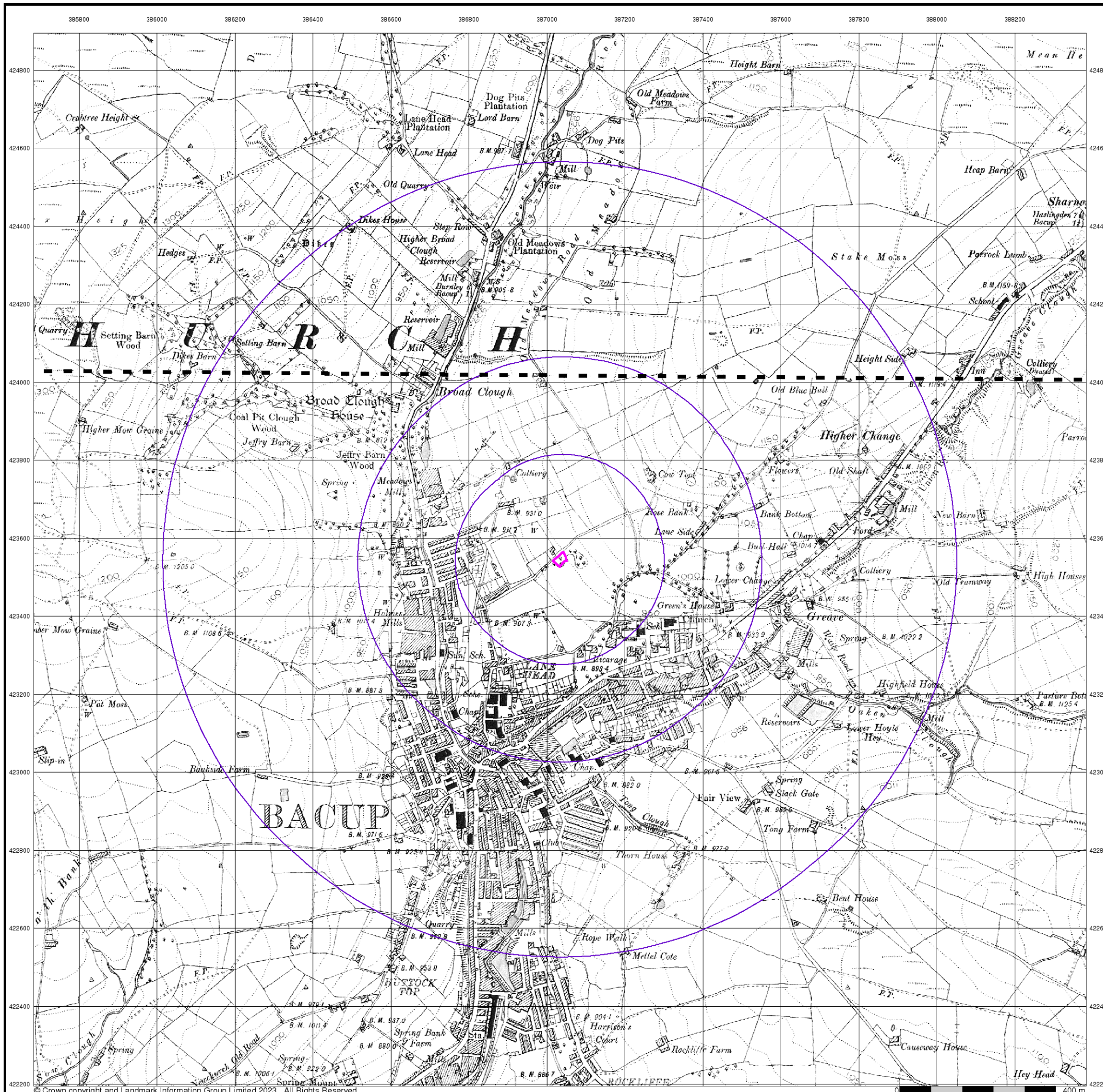


Order Details

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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW

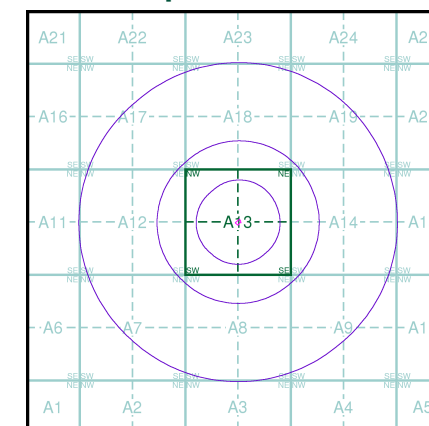


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)

229ANE 1911 1:10,560
229ASE 1911 1:10,560

Historical Map - Slice A

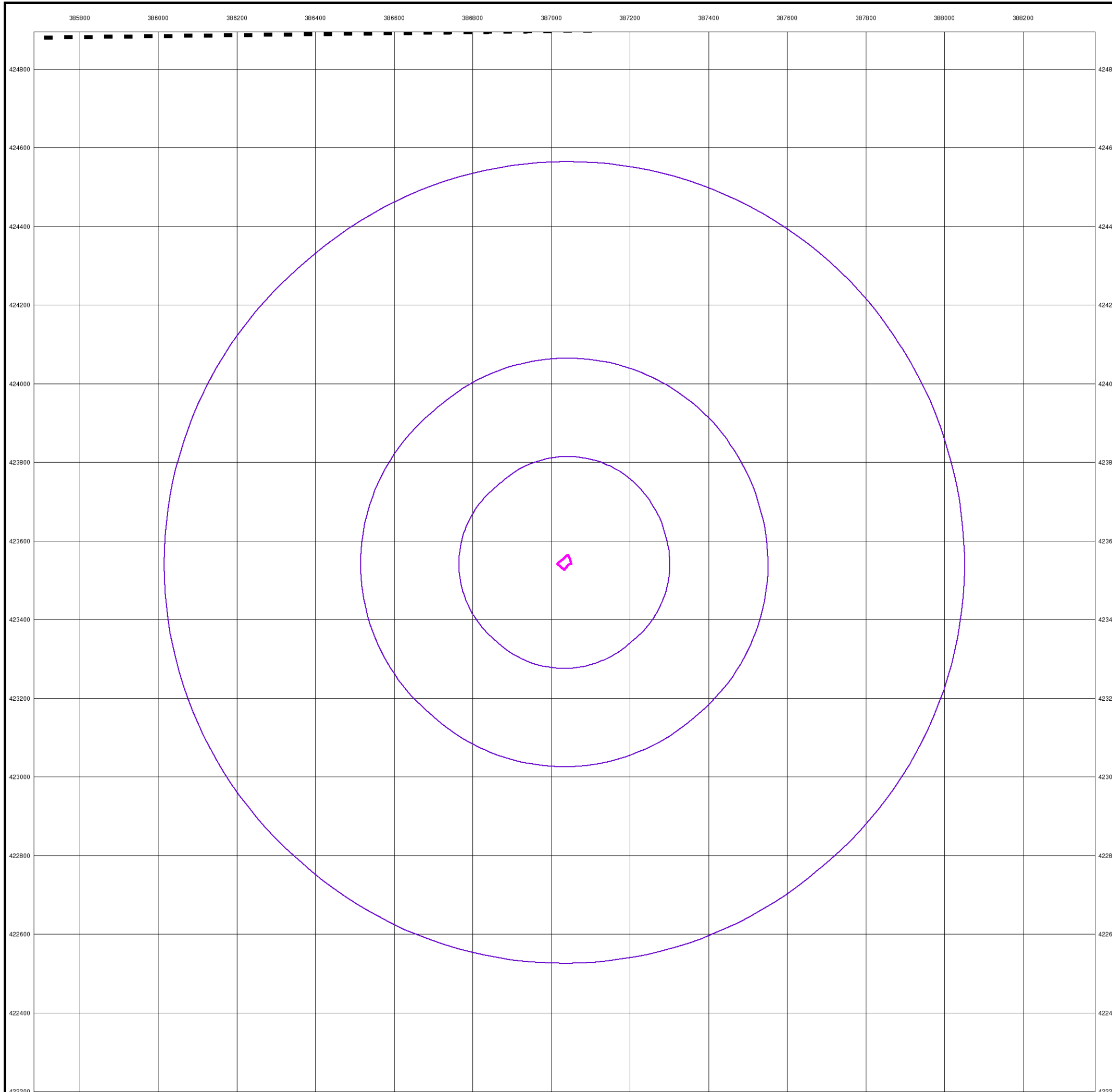


Order Details

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 Slice: A
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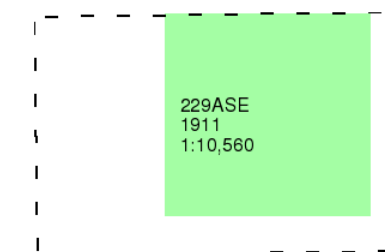
Site Details

Land of Pendle Avenue, Bacup, OL13 9DW

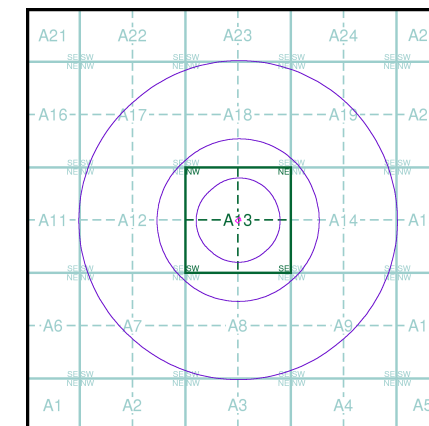


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

Map Name(s) and Date(s)



Historical Map - Slice A

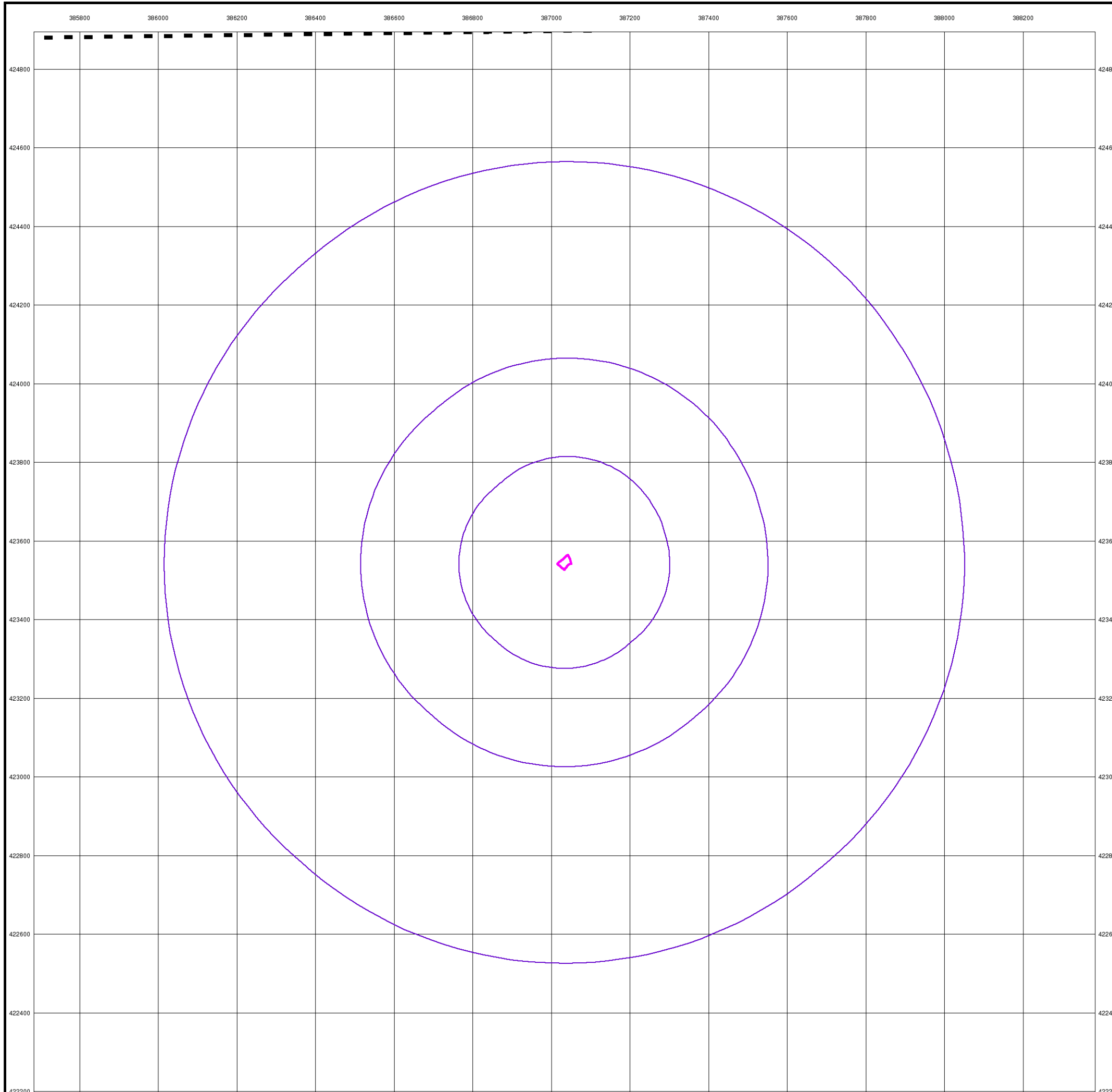


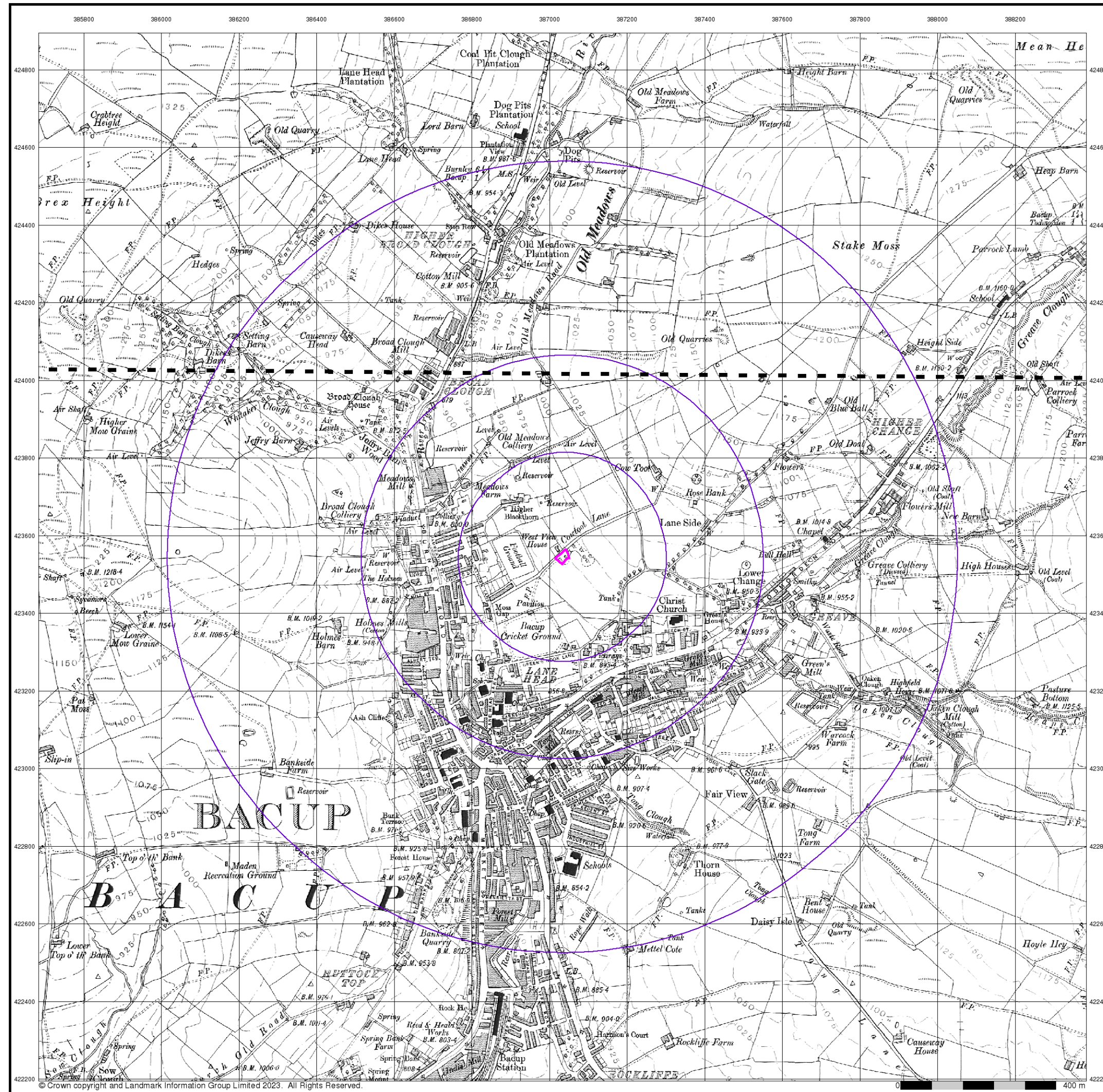
Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW





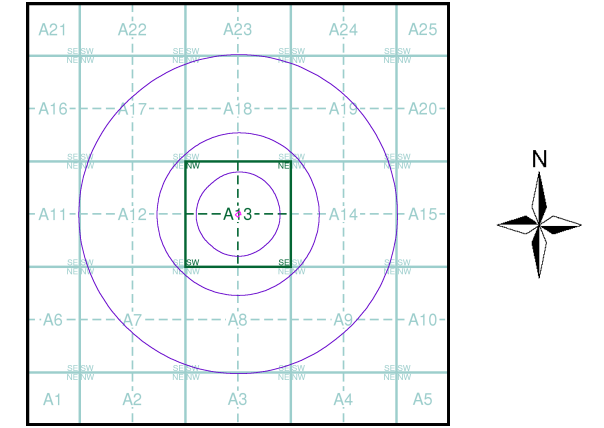
LK
GROUP
Lancashire And Furness
Published 1912
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

072NE	1912	1:10,560
072SE	1912	1:10,560

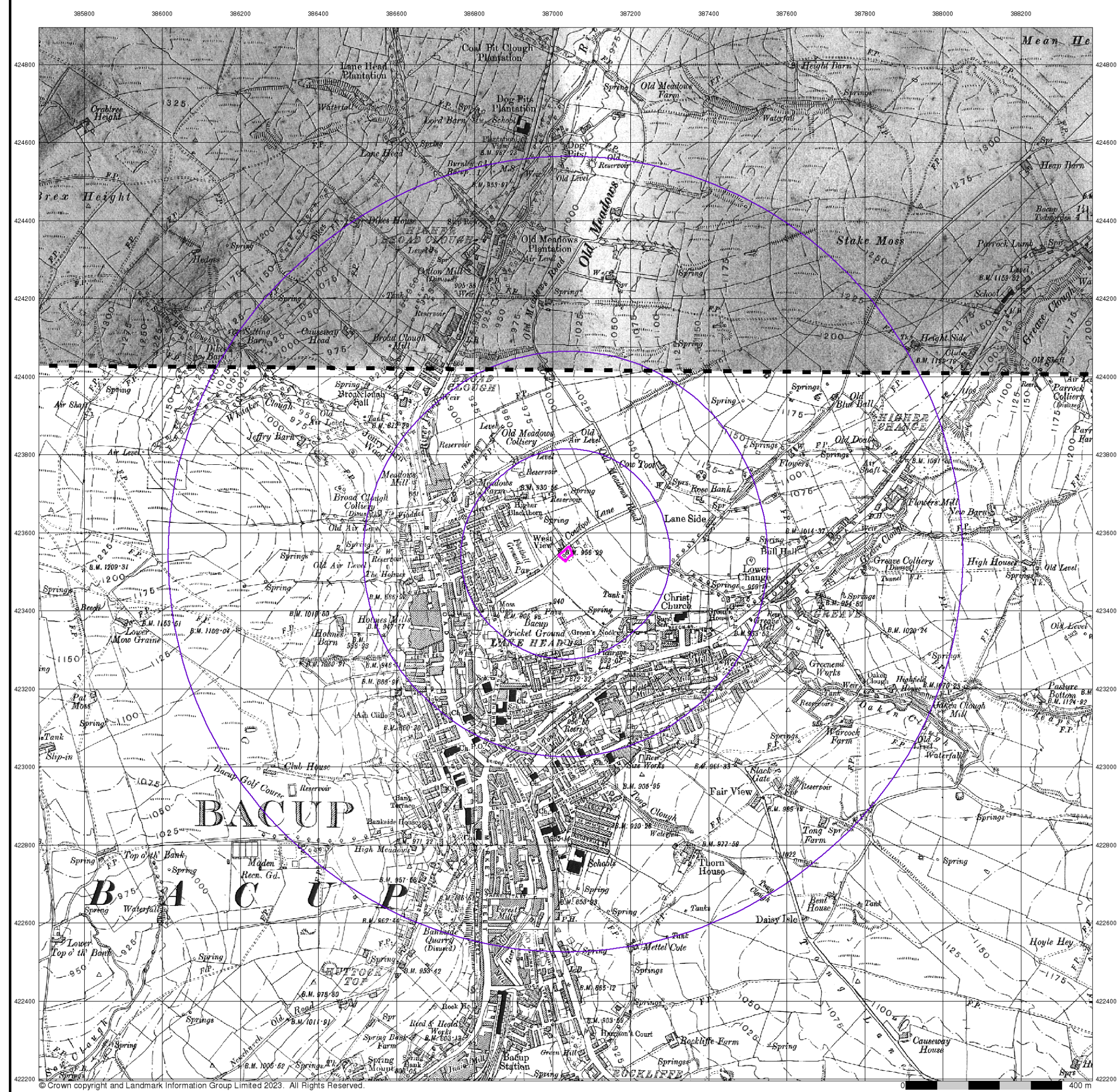
Historical Map - Slice A



Order Details
 Order Number: 314871535_1_1
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 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details
 Land of Pendle Avenue, Bacup, OL13 9DW

Landmark
 INFORMATION GROUP
 Tel: 0844 844 9952
 Fax: 0844 844 9951
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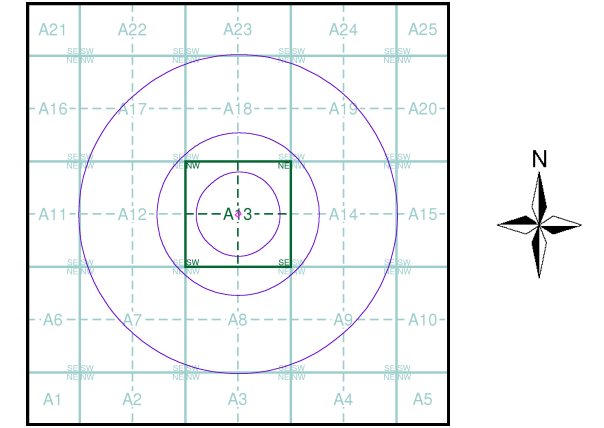
LK
GROUP
Lancashire And Furness
Published 1931 - 1932
Source map scale - 1:10,560

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Map Name(s) and Date(s)

072NE	1931	1:10,560
072SE	1932	1:10,560

Historical Map - Slice A



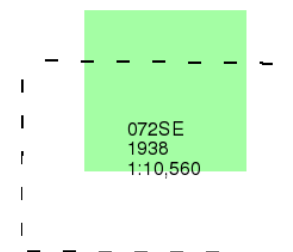
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Site Details
 Land of Pendle Avenue, Bacup, OL13 9DW

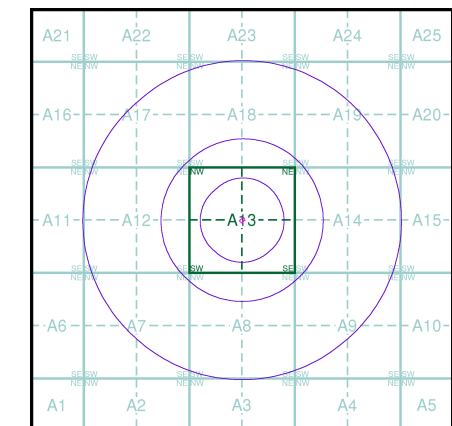
Landmark
 INFORMATION GROUP
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Map Name(s) and Date(s)



Historical Map - Slice A

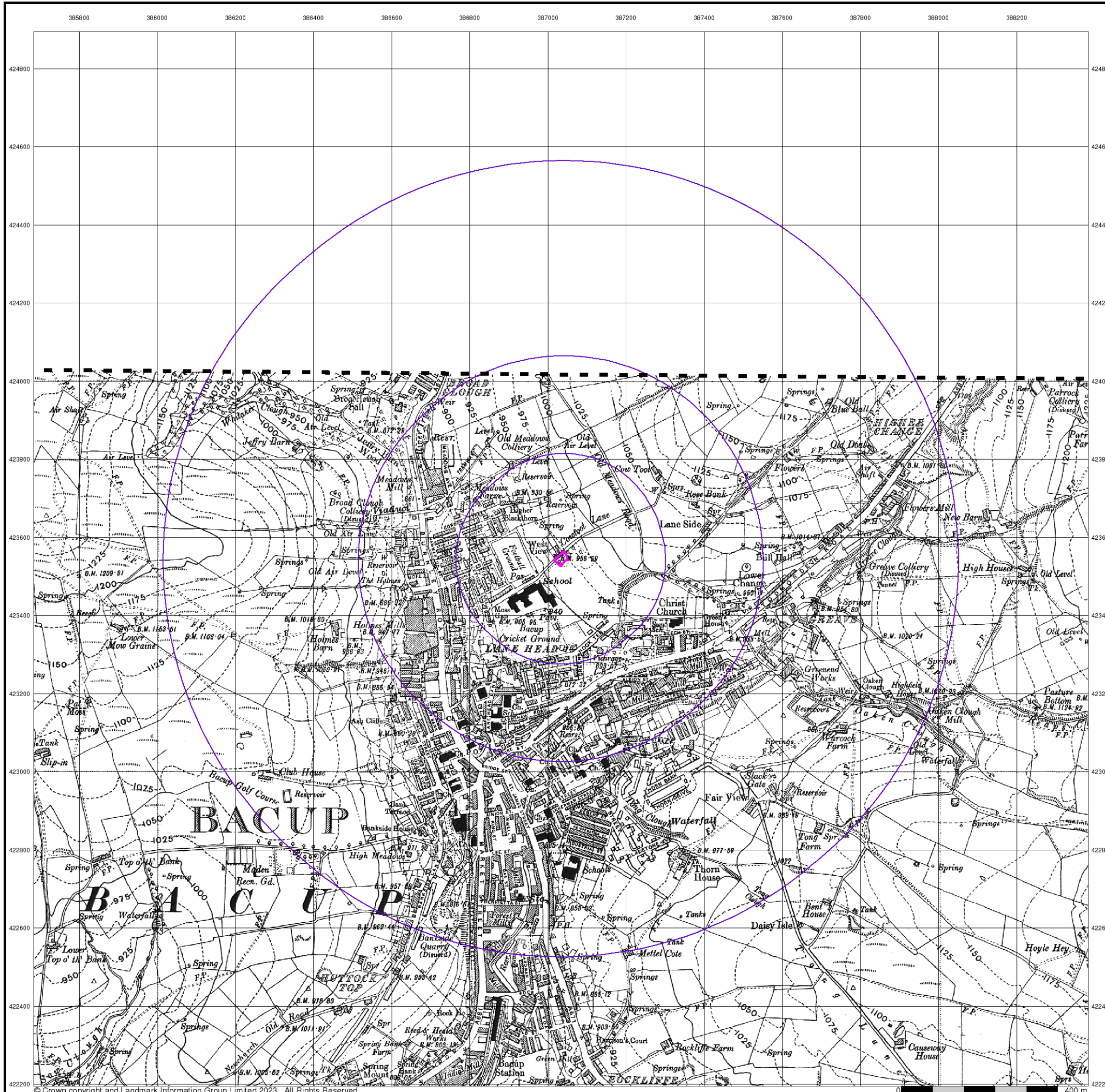


Order Details

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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW

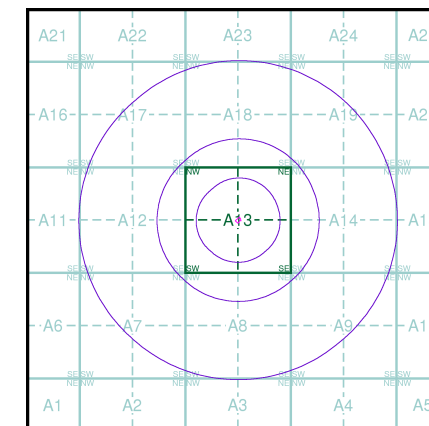


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Map Name(s) and Date(s)

229ANE 1938 1:10,560
229ASE 1938 1:10,560

Historical Map - Slice A

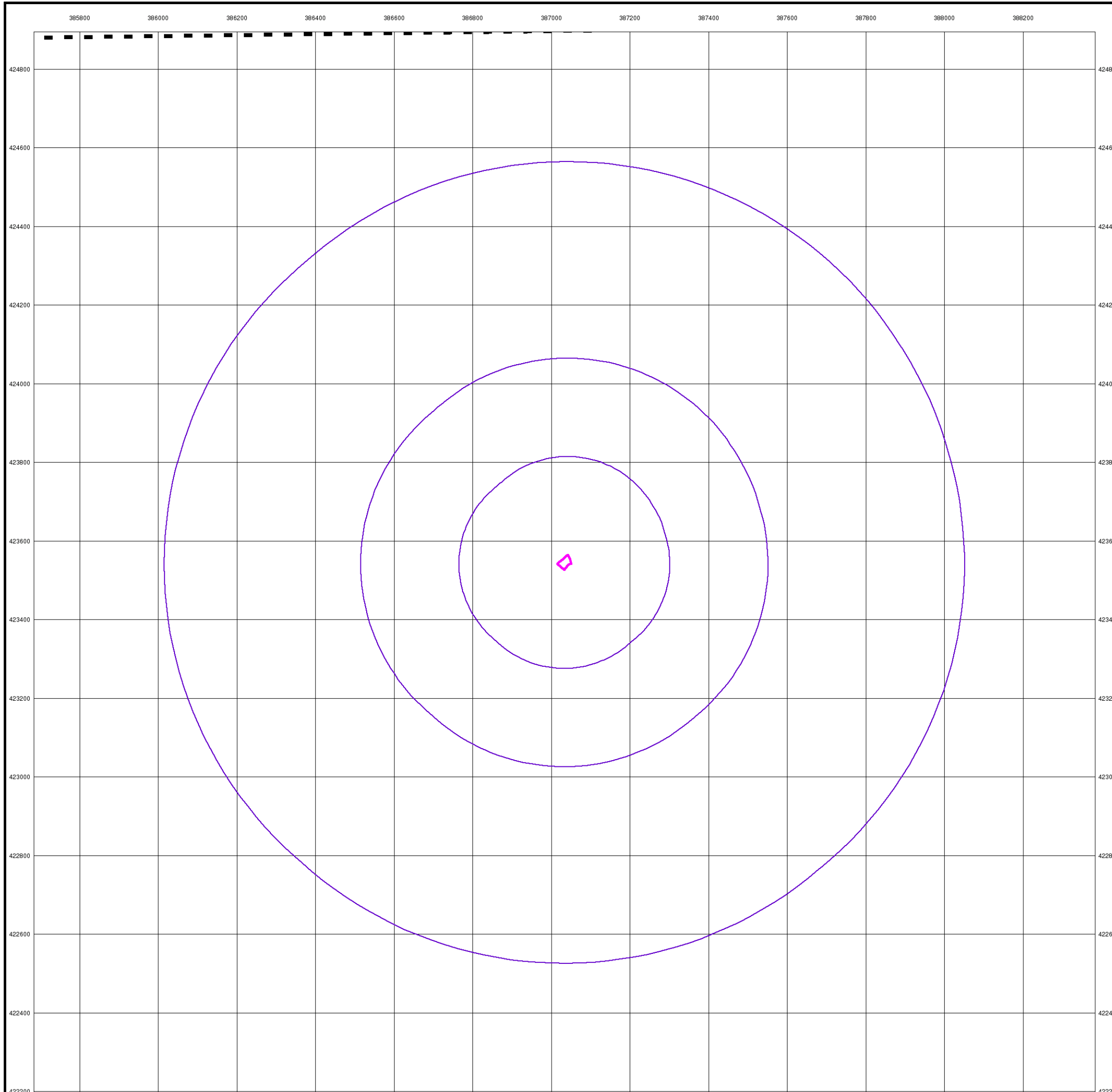


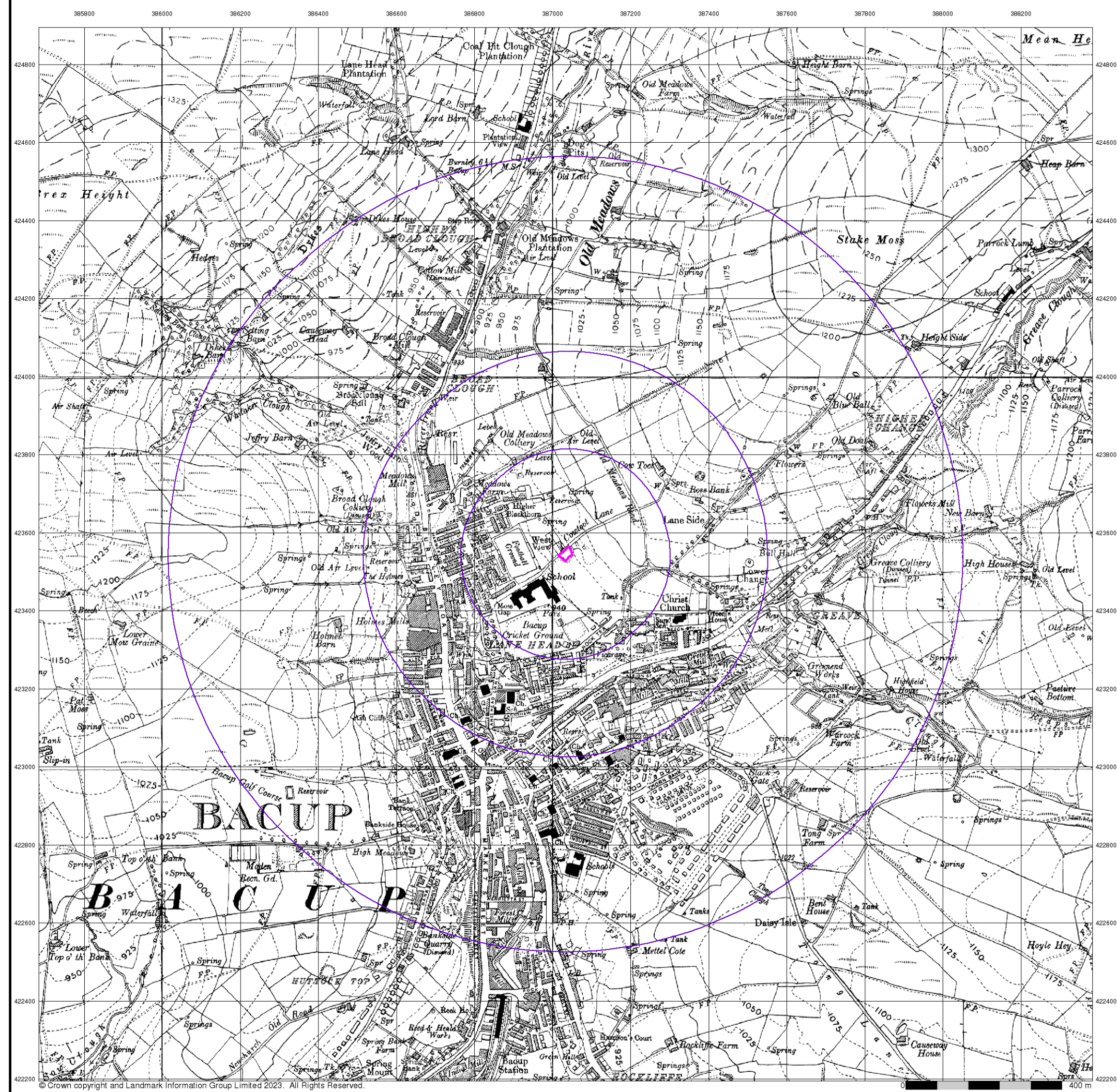
Order Details

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 Customer Ref: LKC 23 1451
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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



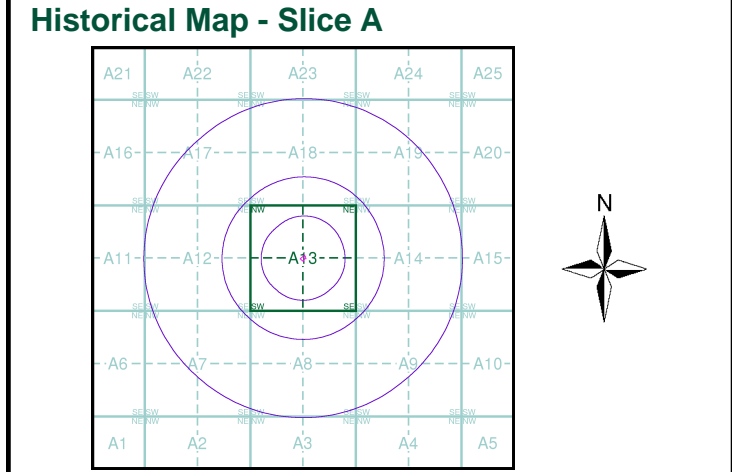


LK GROUP
Ordnance Survey Plan
Published 1956
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD82SE
1956
1:10,560



Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details
 Land of Pendle Avenue, Bacup, OL13 9DW

Landmark
 INFORMATION GROUP

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 Fax: 0844 844 9951
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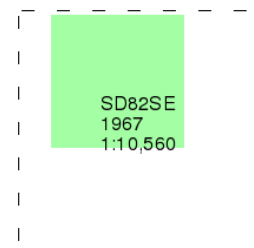
GROUP Ordnance Survey Plan

Published 1967

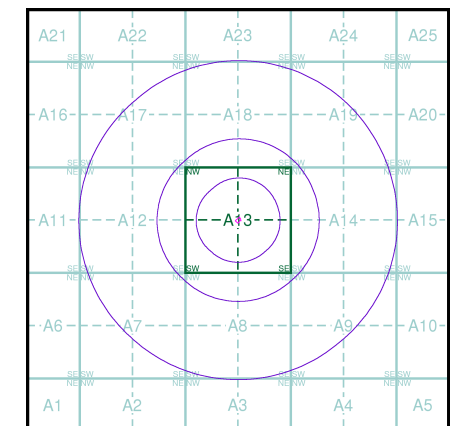
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

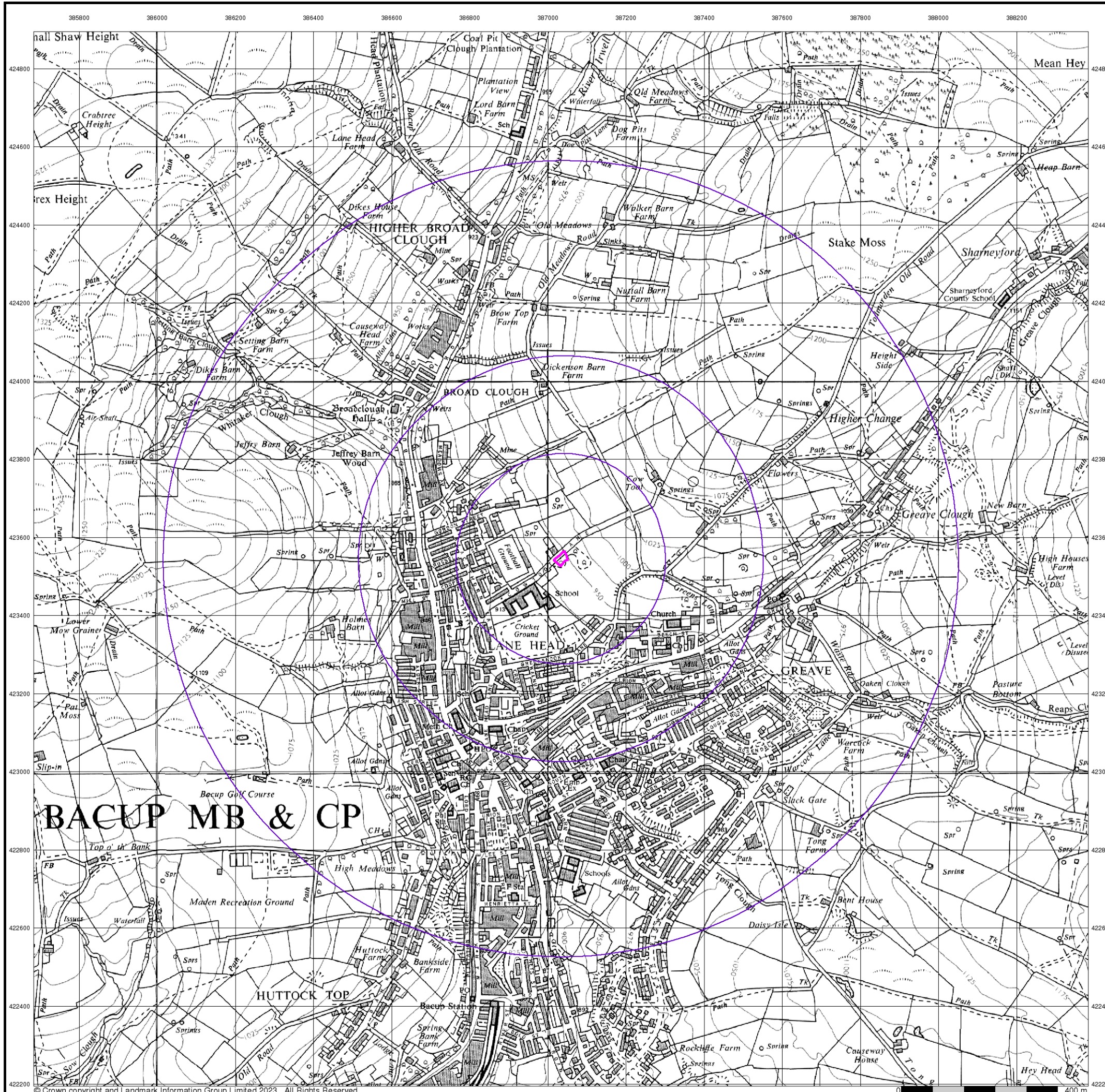
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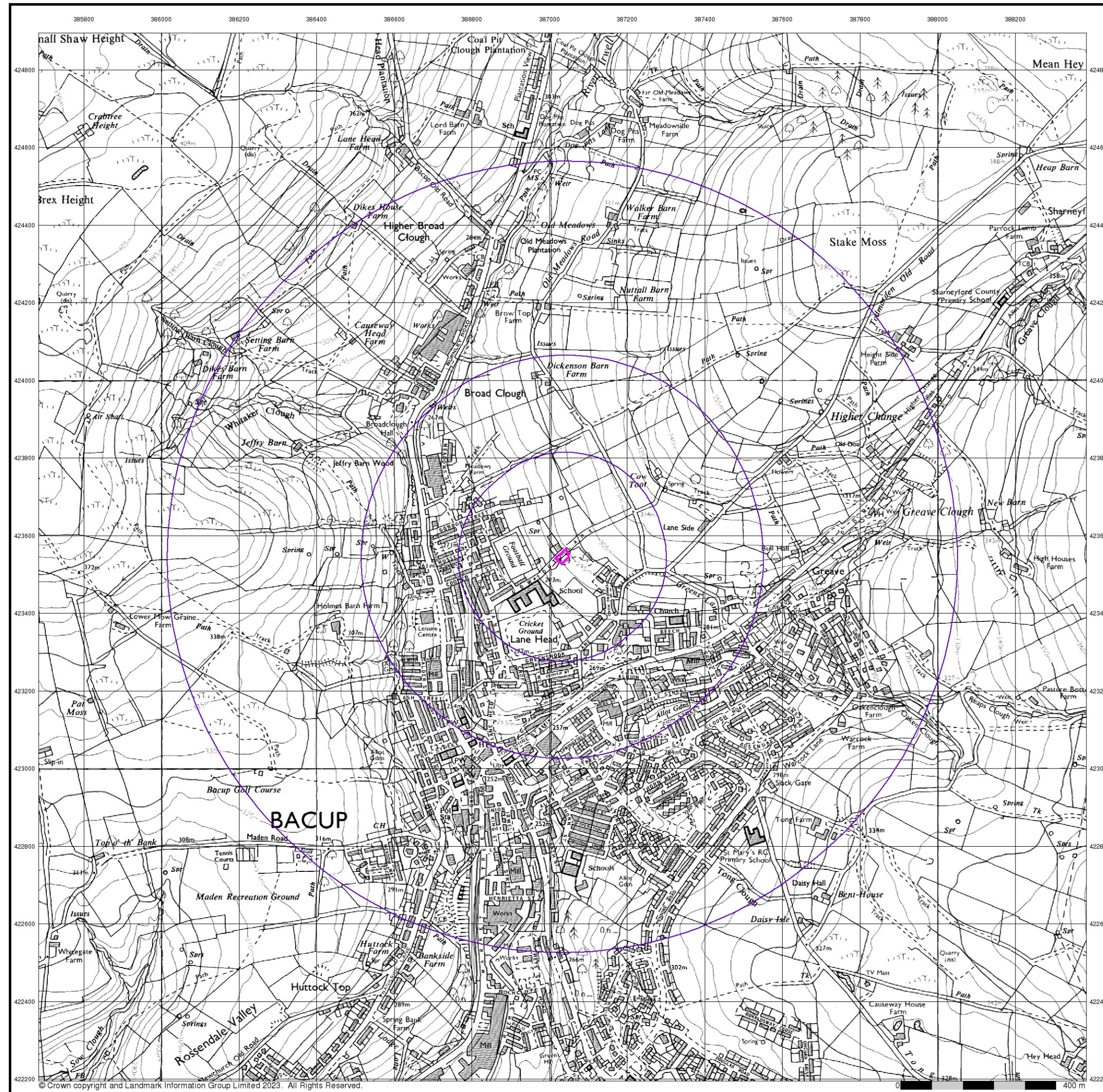
Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



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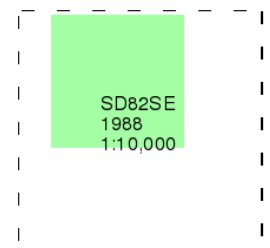


GROUP
Ordnance Survey Plan

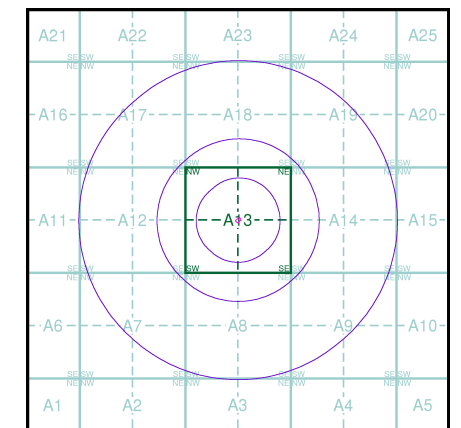
Published 1988
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

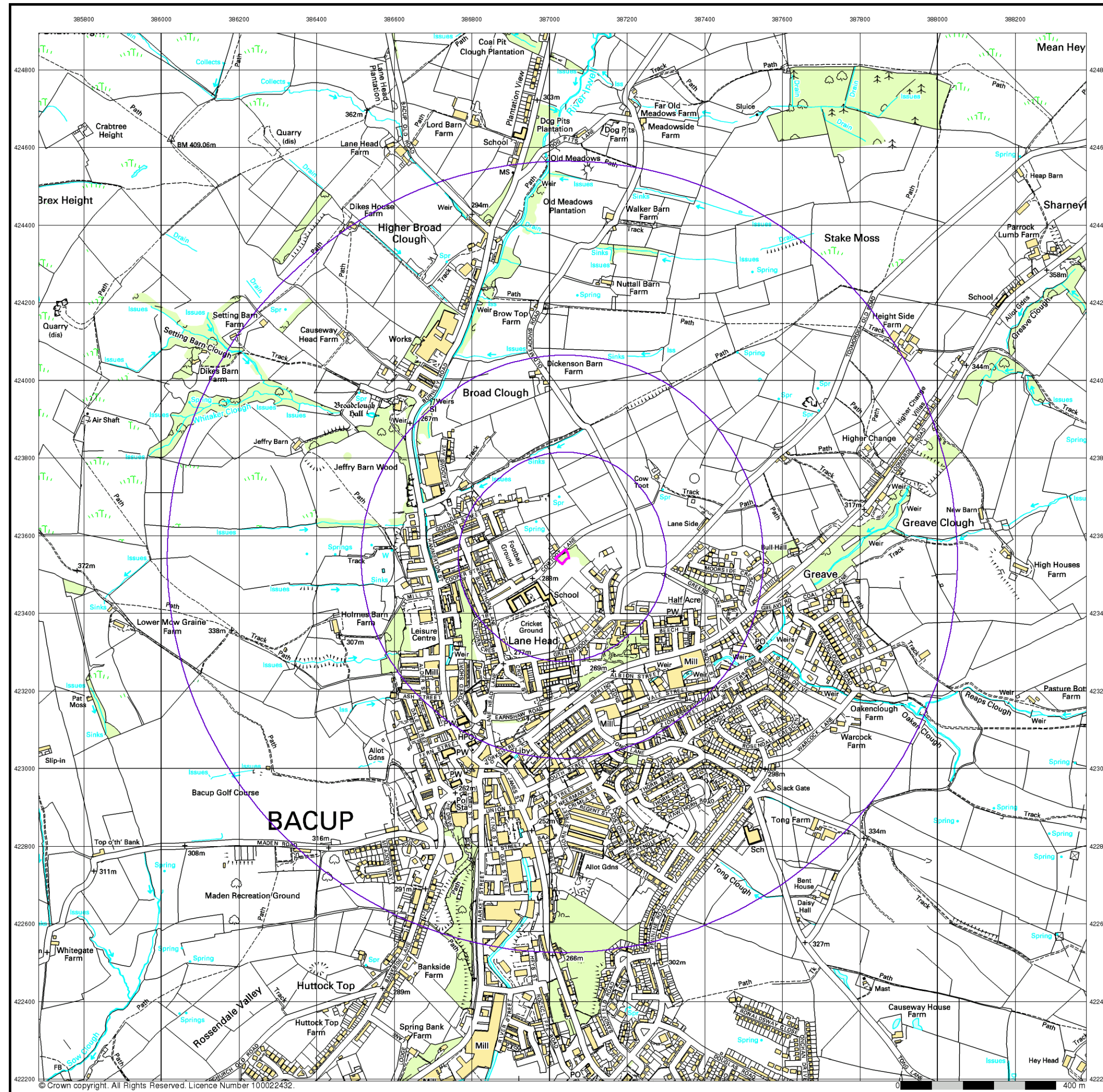
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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW

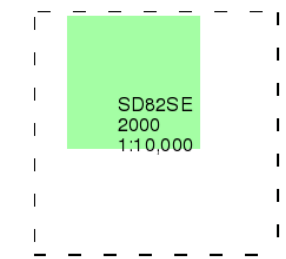


Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

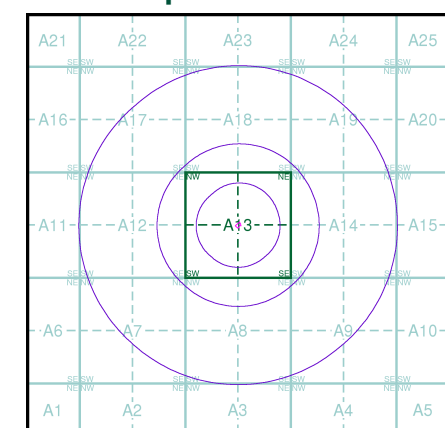


The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

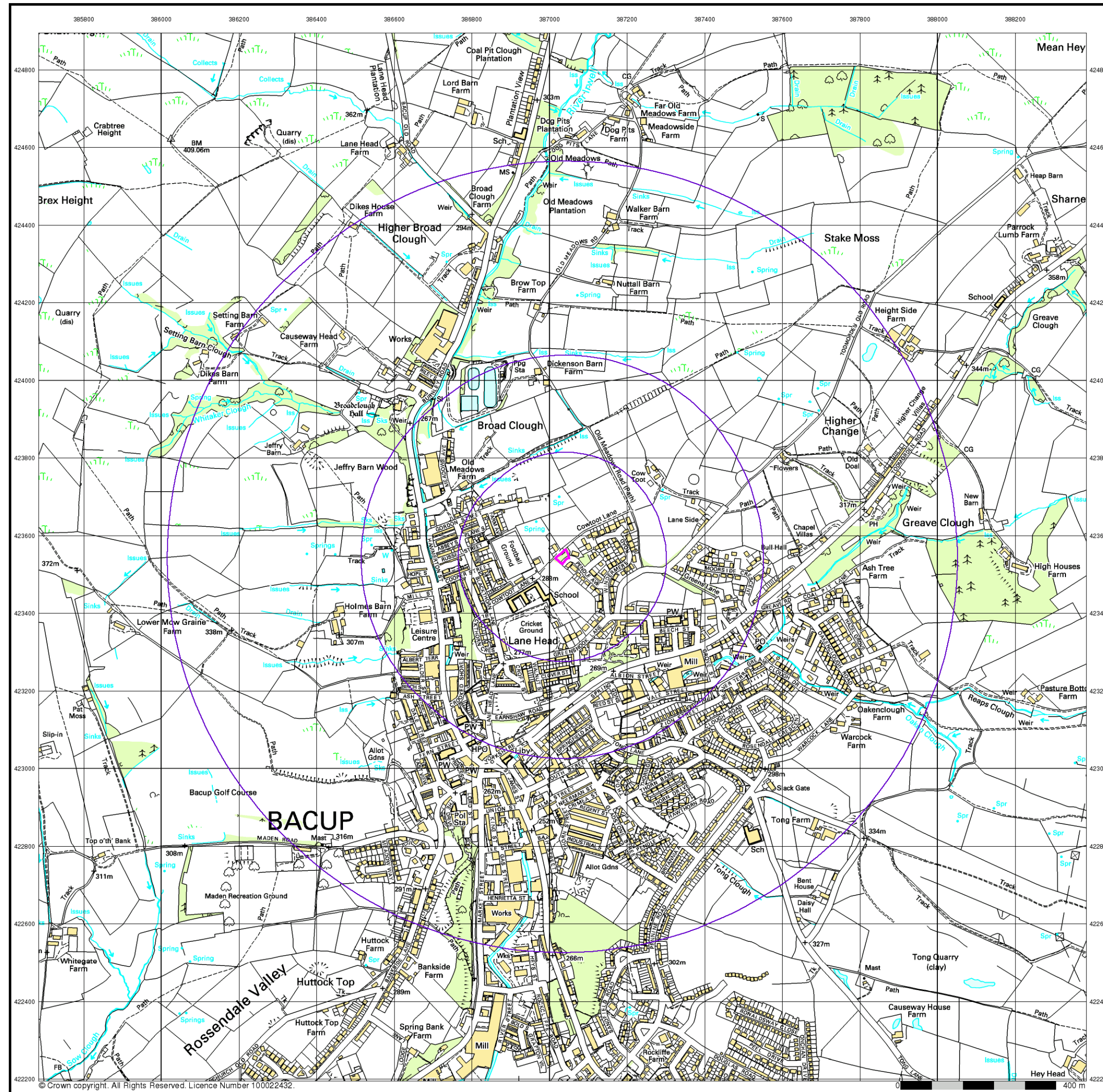


Historical Map - Slice A



Order Details
 Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

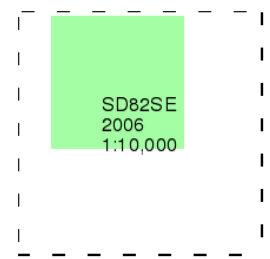
Site Details
 Land of Pendle Avenue, Bacup, OL13 9DW



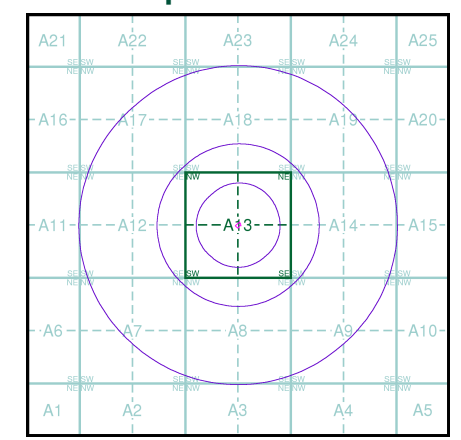
LK
GROUP
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



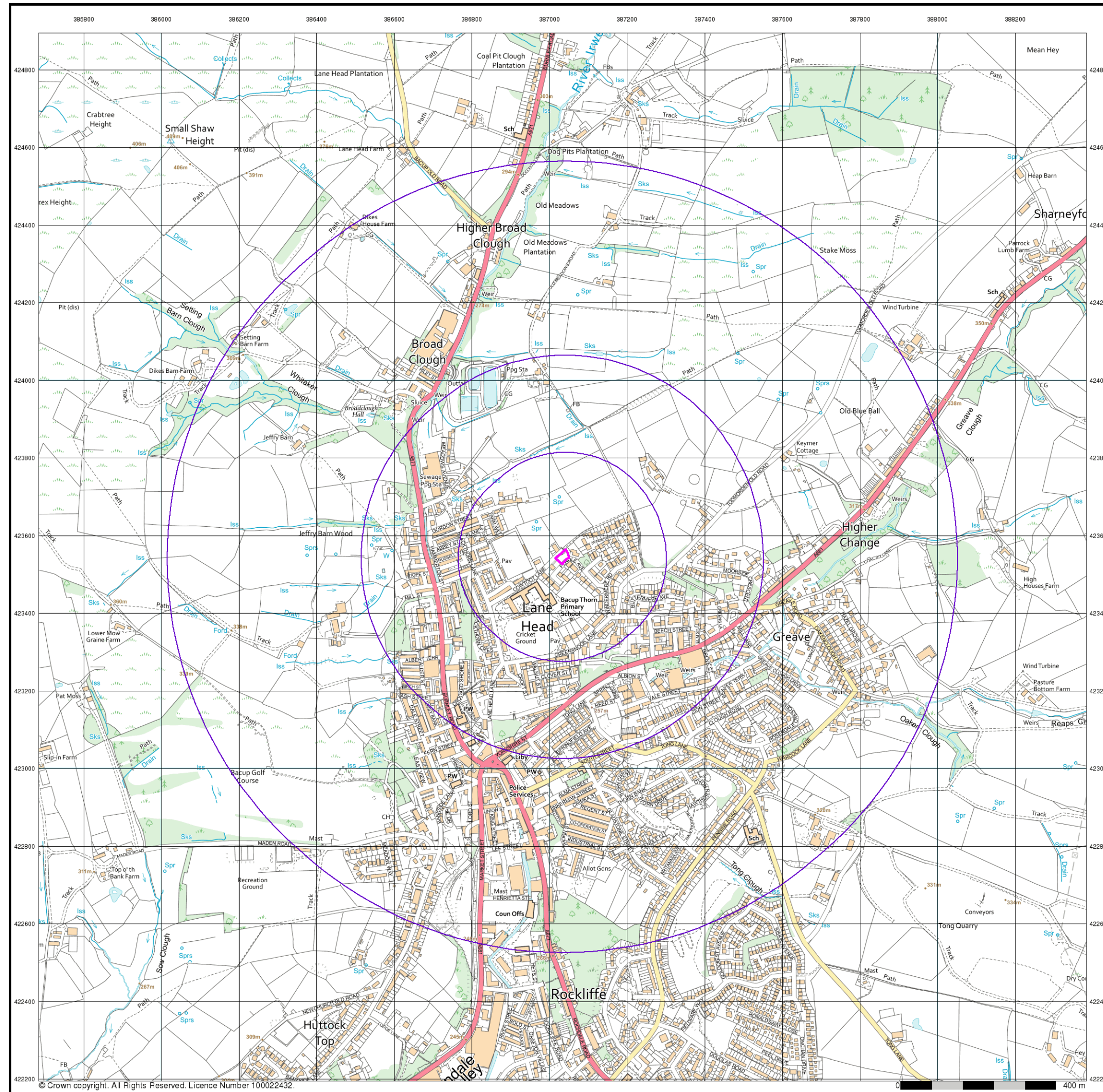
Order Details

Order Number: 314871535_1_1
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 Search Buffer (m): 1000

Site Details

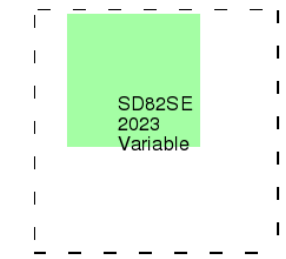
Land of Pendle Avenue, Bacup, OL13 9DW

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

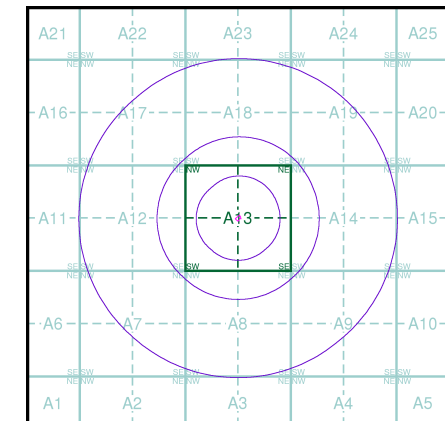


VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (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: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW

Published 1852

Source map scale - 1:1,056

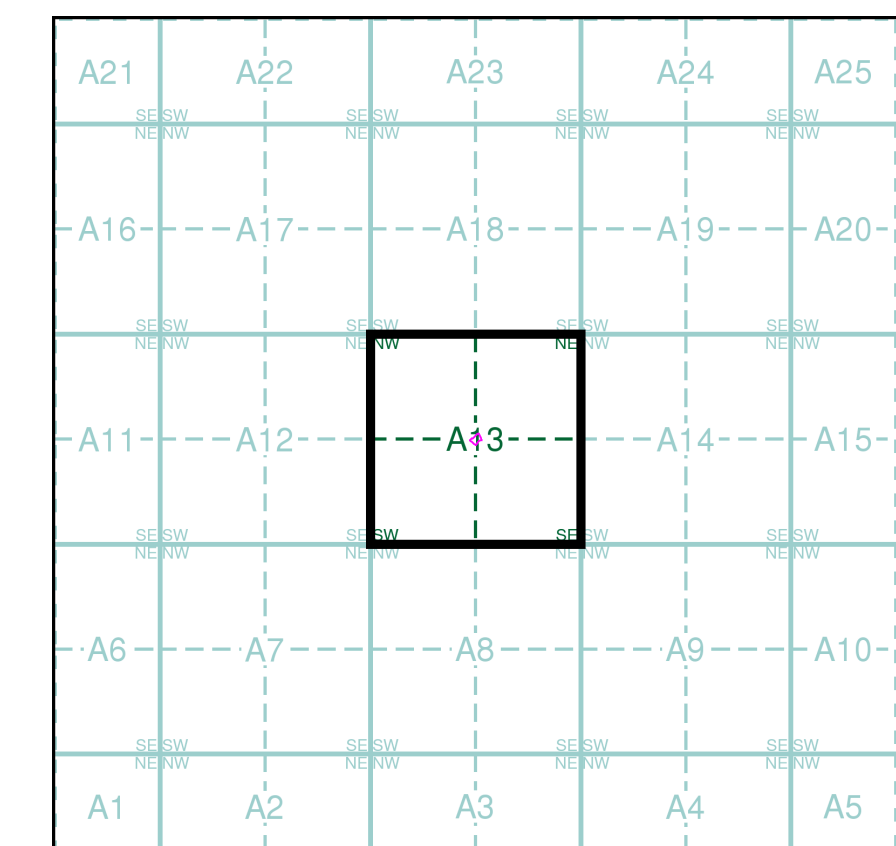
The 1:1056 scale of Ordnance Survey mapping was adopted from Ireland in 1848 and was used to survey towns with a population of over 4000, plus county towns of lesser population, in those counties mapped at the six-inch scale in 1841-55. The scale was the largest scale at which London was mapped by the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

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

Map Name(s) and Date(s)

000_00_001
1852
1:1,056
000_00_002
1852
1:1,056

Historical Town Plan - Segment A13

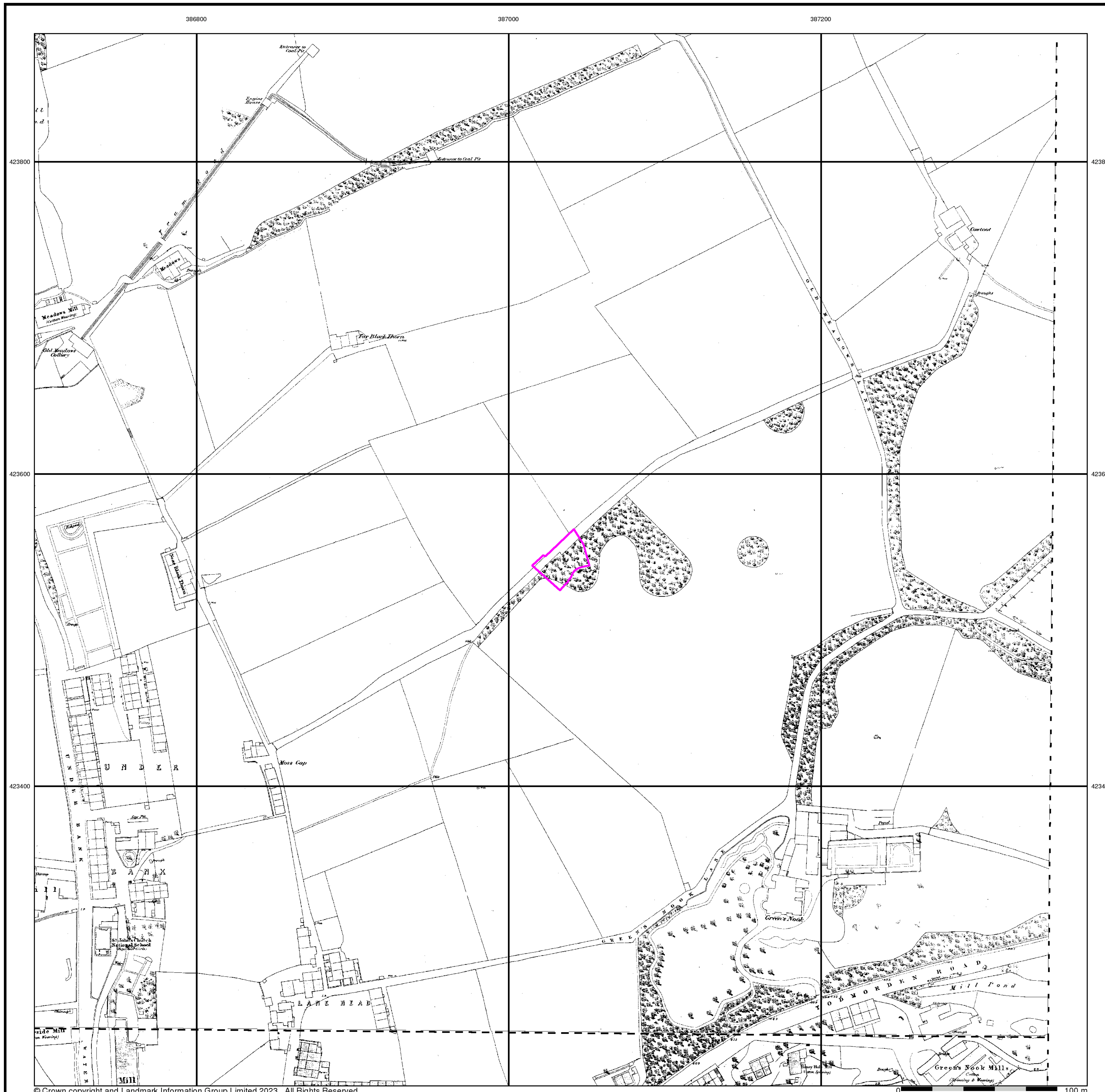


Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



386800

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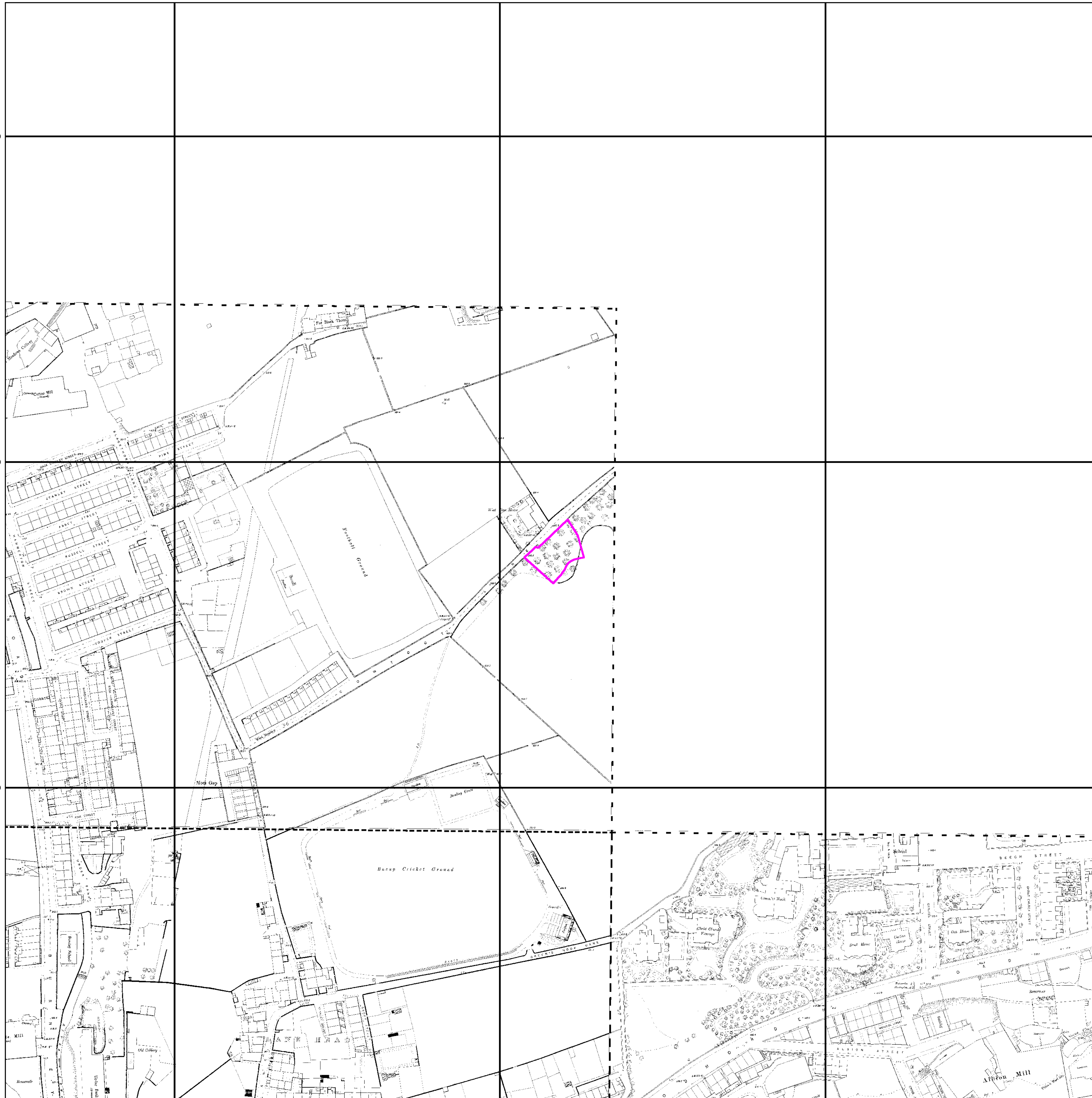
423800

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423400



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0 100 m



GROUP

Lancashire And Furness

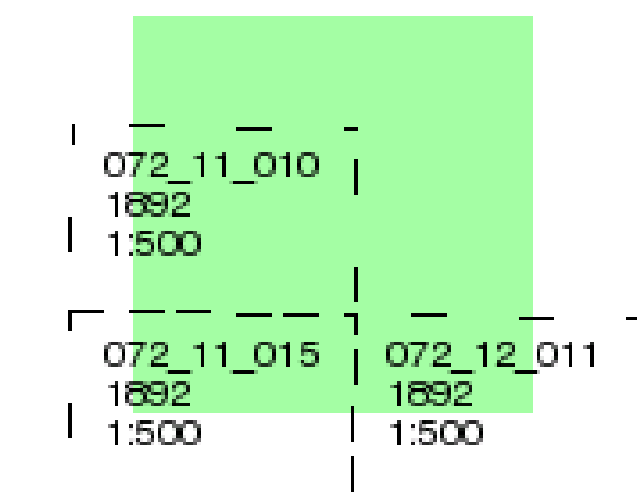
Published 1892

Source map scale - 1:500

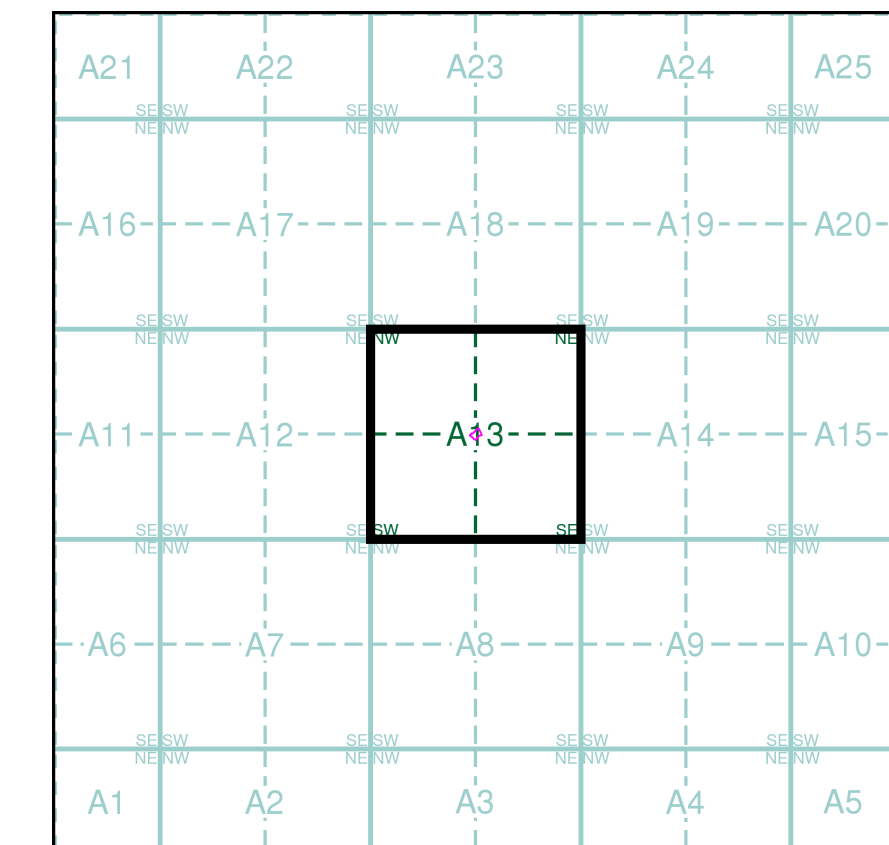
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to compliment the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped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

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

Map Name(s) and Date(s)



Historical Town Plan - Segment A13



Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 0

Site Details

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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **Sl** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

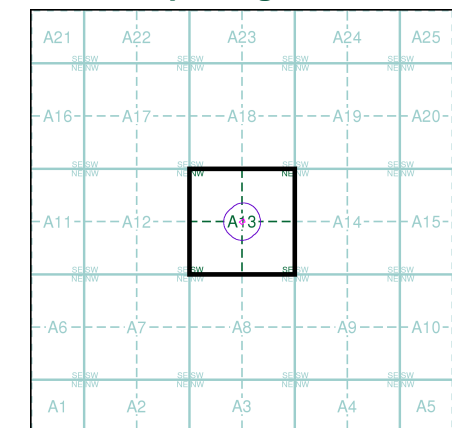


GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893 - 1894	2
Yorkshire	1:2,500	1894	3
Yorkshire	1:2,500	1907	4
Lancashire And Furness	1:2,500	1910	5
Lancashire And Furness	1:2,500	1930	6
Ordnance Survey Plan	1:1,250	1960	7
Ordnance Survey Plan	1:2,500	1962	8
Ordnance Survey Plan	1:1,250	1970 - 1974	9
Additional SIMs	1:1,250	1977 - 1986	10
Ordnance Survey Plan	1:1,250	1986	11
Additional SIMs	1:1,250	1986	12
Large-Scale National Grid Data	1:1,250	1993	13
Large-Scale National Grid Data	1:1,250	1993	14
Large-Scale National Grid Data	1:1,250	1996	15
Historical Aerial Photography	1:2,500	1999	16

Historical Map - Segment A13



Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



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

LK GROUP

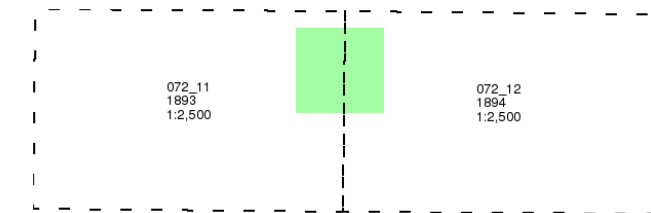
Lancashire And Furness

Published 1893 - 1894

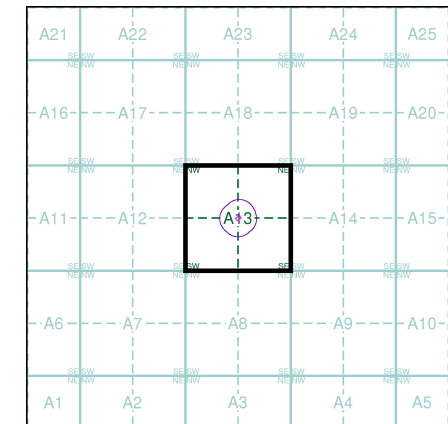
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

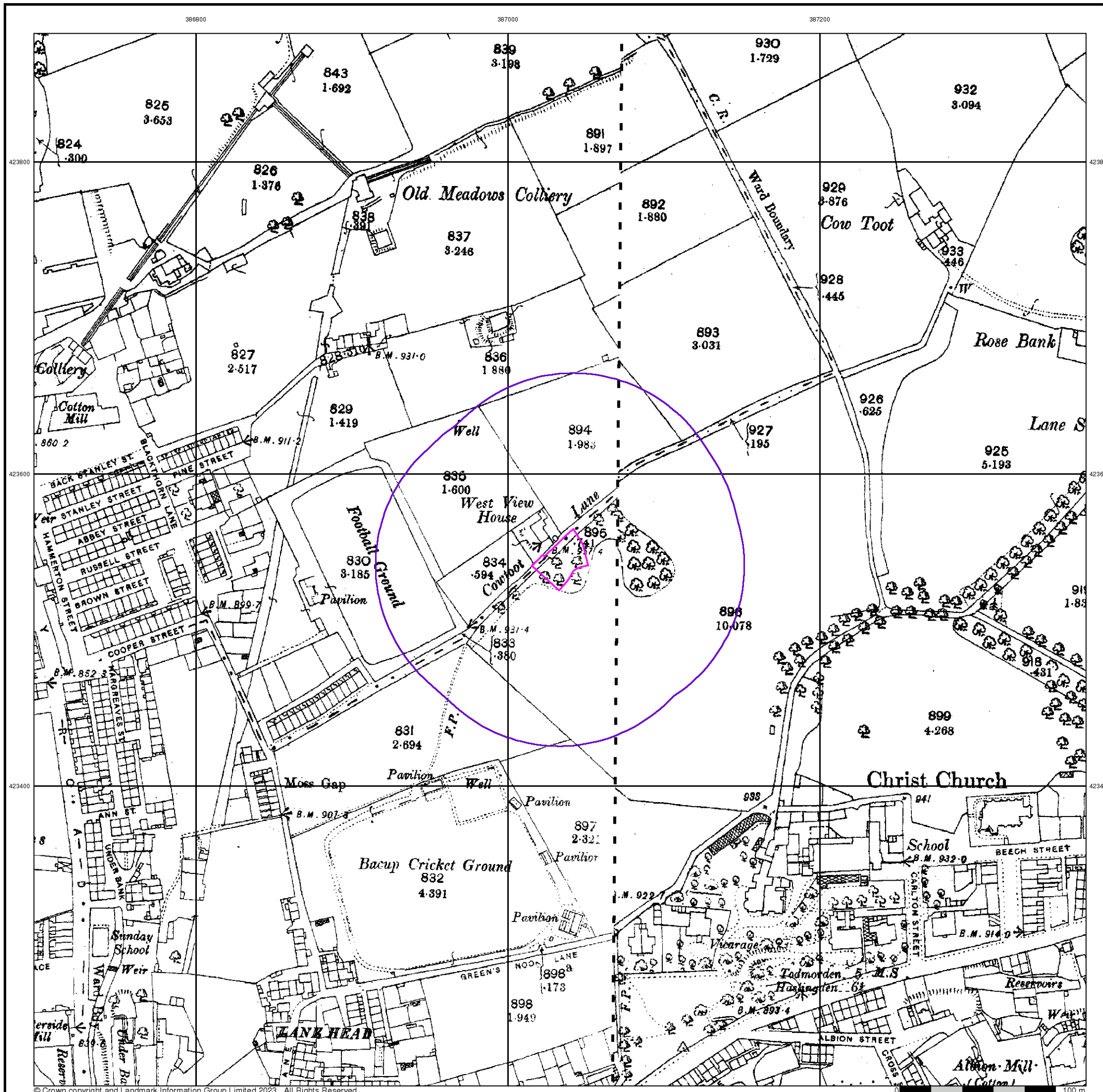
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 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW

Landmark
 INFORMATION GROUP

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



386600

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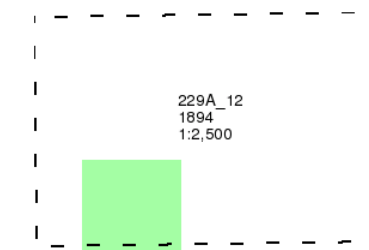


Published 1894

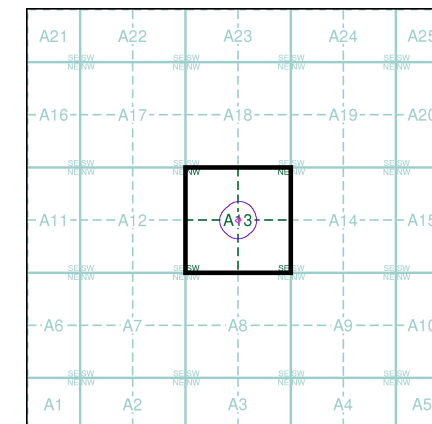
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



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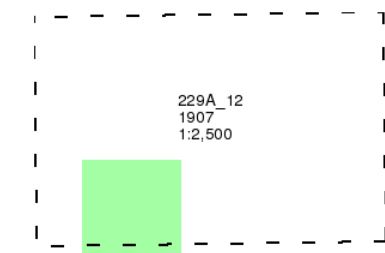


Published 1907

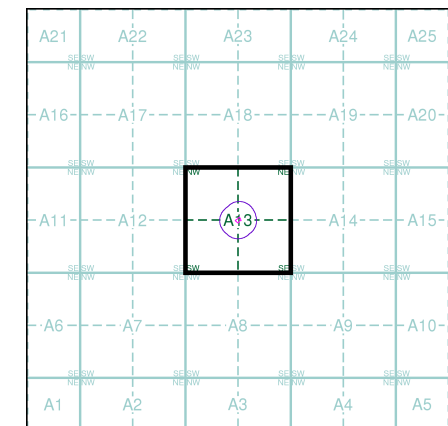
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

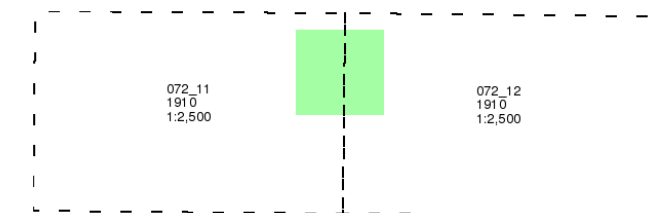
Land of Pendle Avenue, Bacup, OL13 9DW



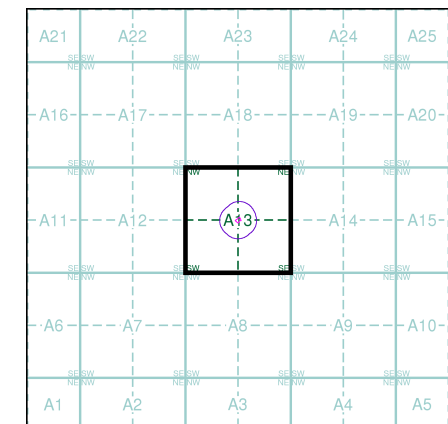
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)



Historical Map - Segment A13

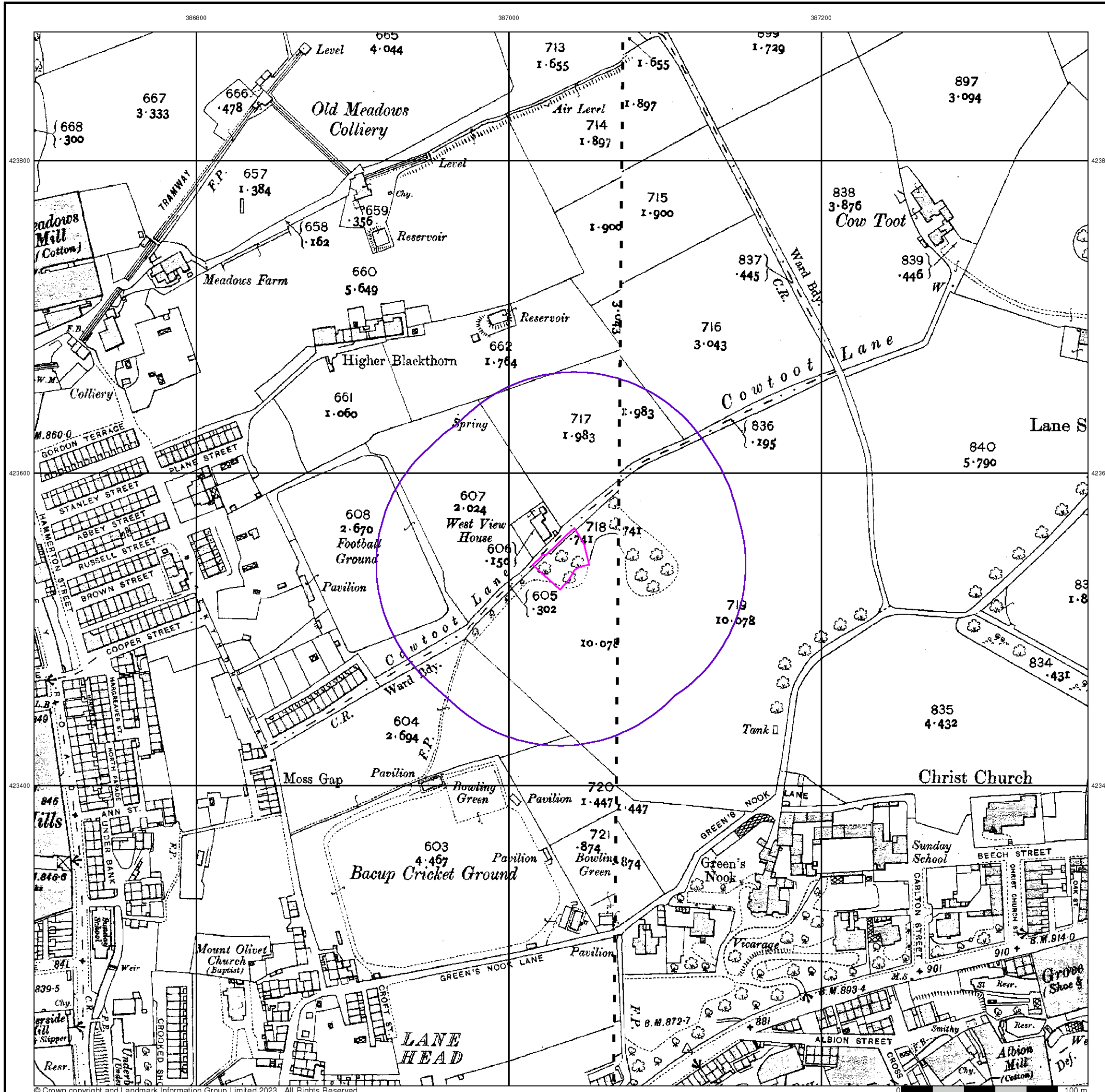


Order Details

Order Number: 314871535_1_1
Customer Ref: LKC 23 1451
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Slice: A
Site Area (Ha): 0.07
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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW





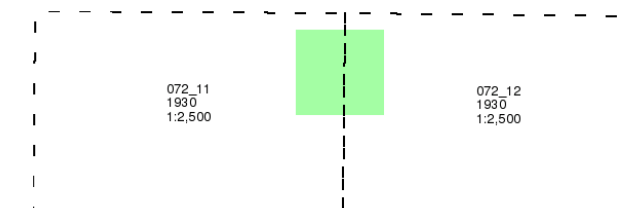
GROUP
Lancashire And Furness

Published 1930

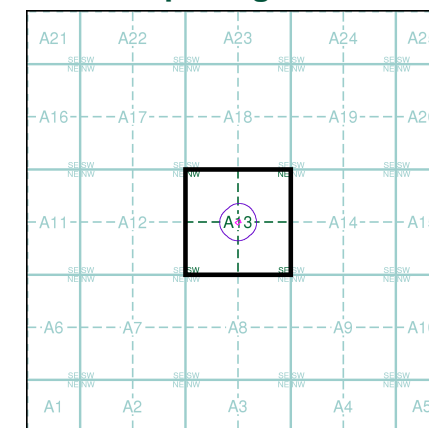
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

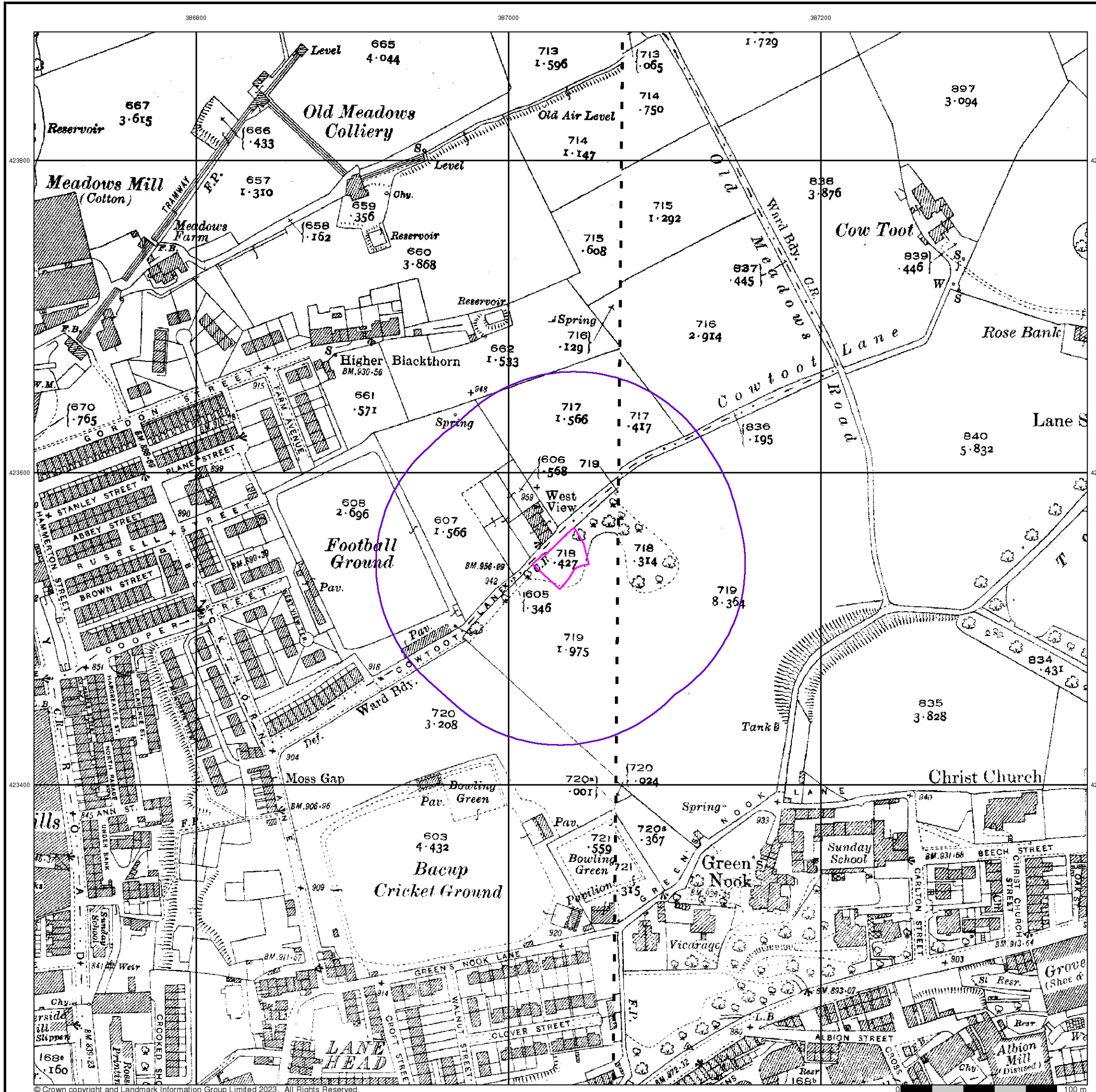
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 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
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Site Details

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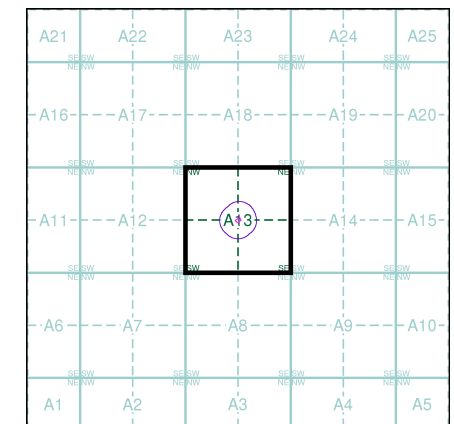


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

SD8623NE	1960	1:1,250
SD8623SE	1960	1:1,250
SD8723SW	1960	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

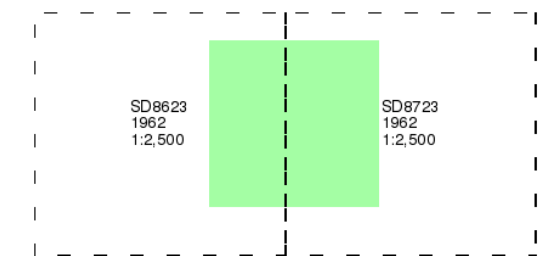
Site Details

Land of Pendle Avenue, Bacup, OL13 9DW

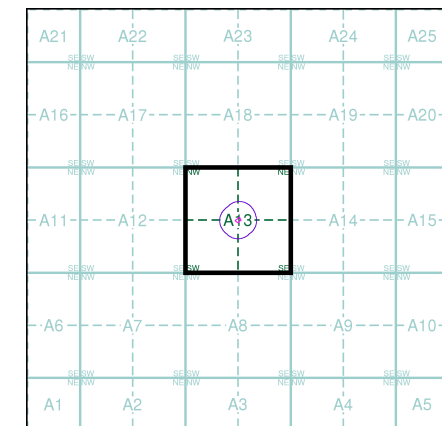


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment A13

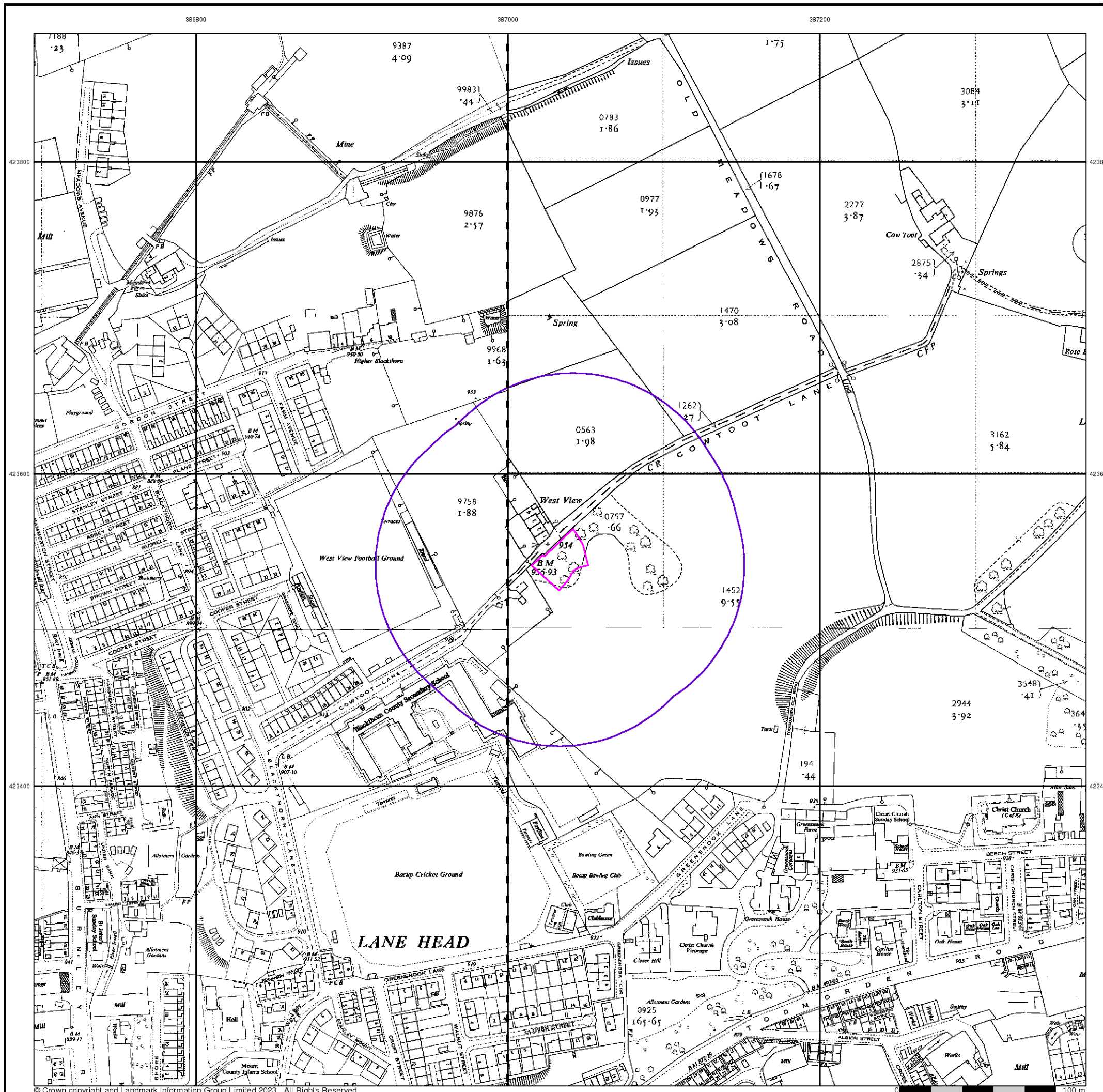


Order Details

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 Slice: A
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Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



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GROUP

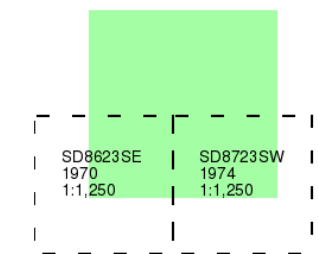
Ordnance Survey Plan

Published 1970 - 1974

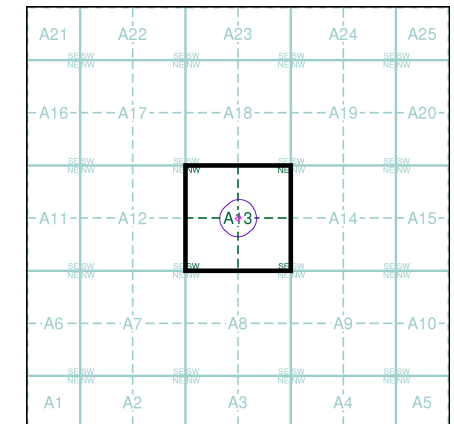
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

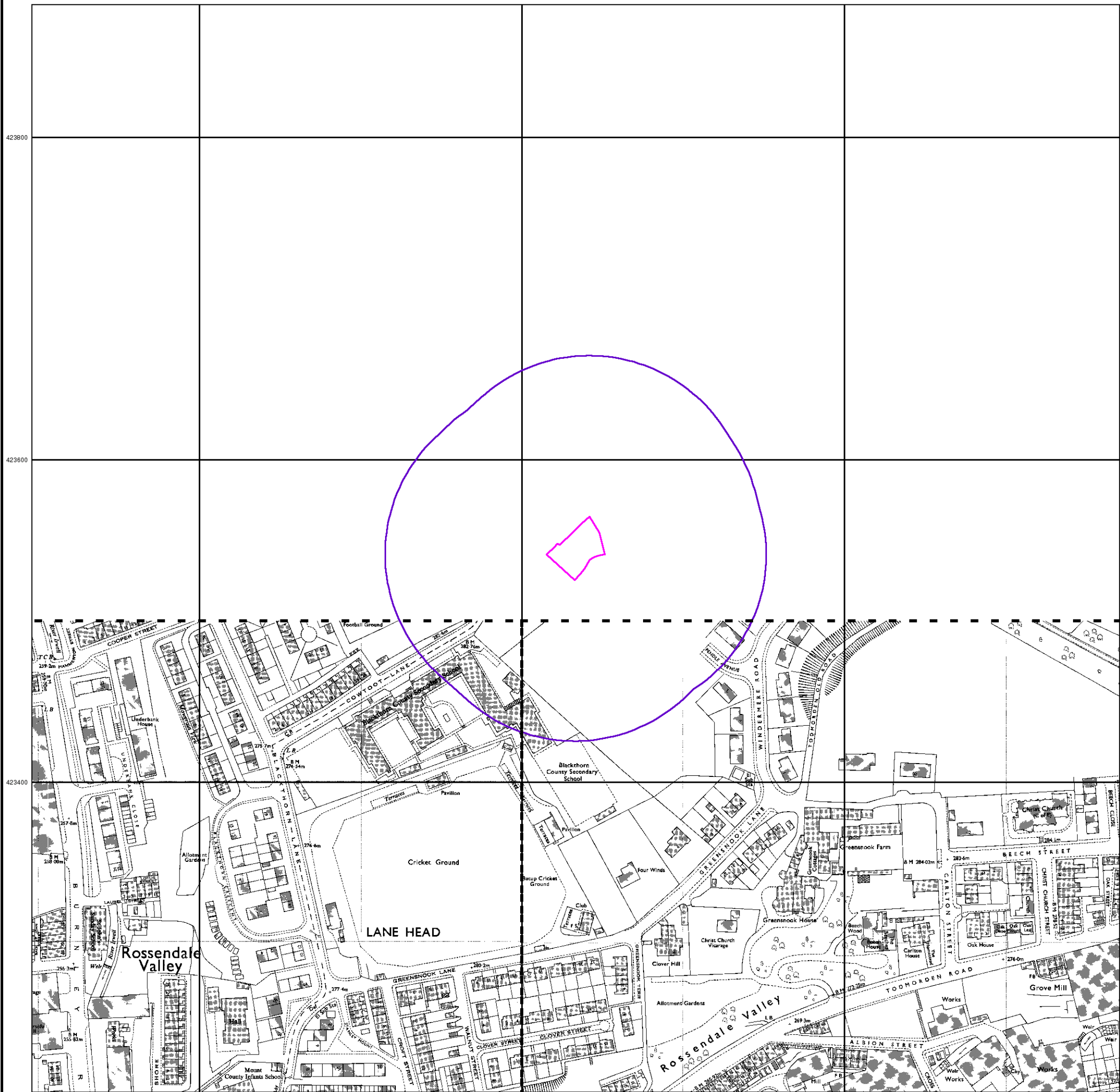
Order Number: 314871535_1_1
Customer Ref: LKC 23 1451
National Grid Reference: 387030, 423540
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



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





GROUP

Additional SIMs

Published 1977 - 1986

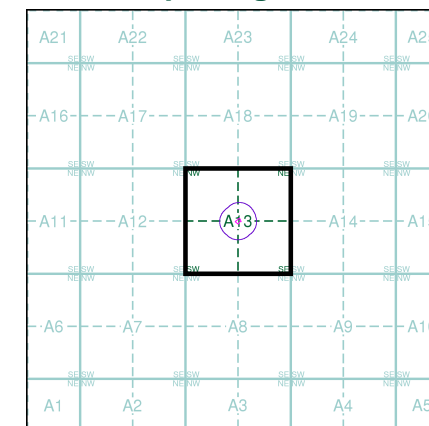
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8623NE	1986	1:1,250
SD8623SE	1985	1:1,250
SD8723SW	1977	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 314871535_1_1
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 National Grid Reference: 387030, 423540
 Slice: A
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386600

387000

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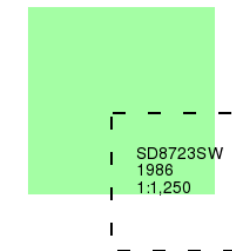
ORDNANCE SURVEY PLAN

Published 1986

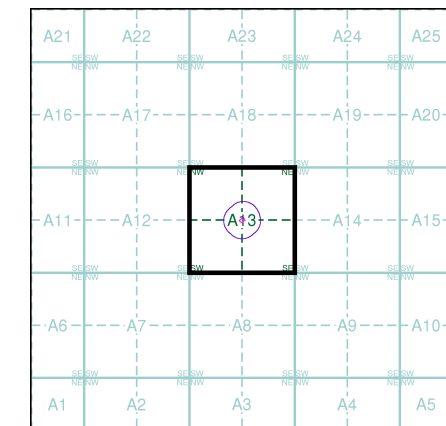
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 314871535_1_1
Customer Ref: LKC 23 1451
National Grid Reference: 387030, 423540
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

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Web: www.envirocheck.co.uk

423800

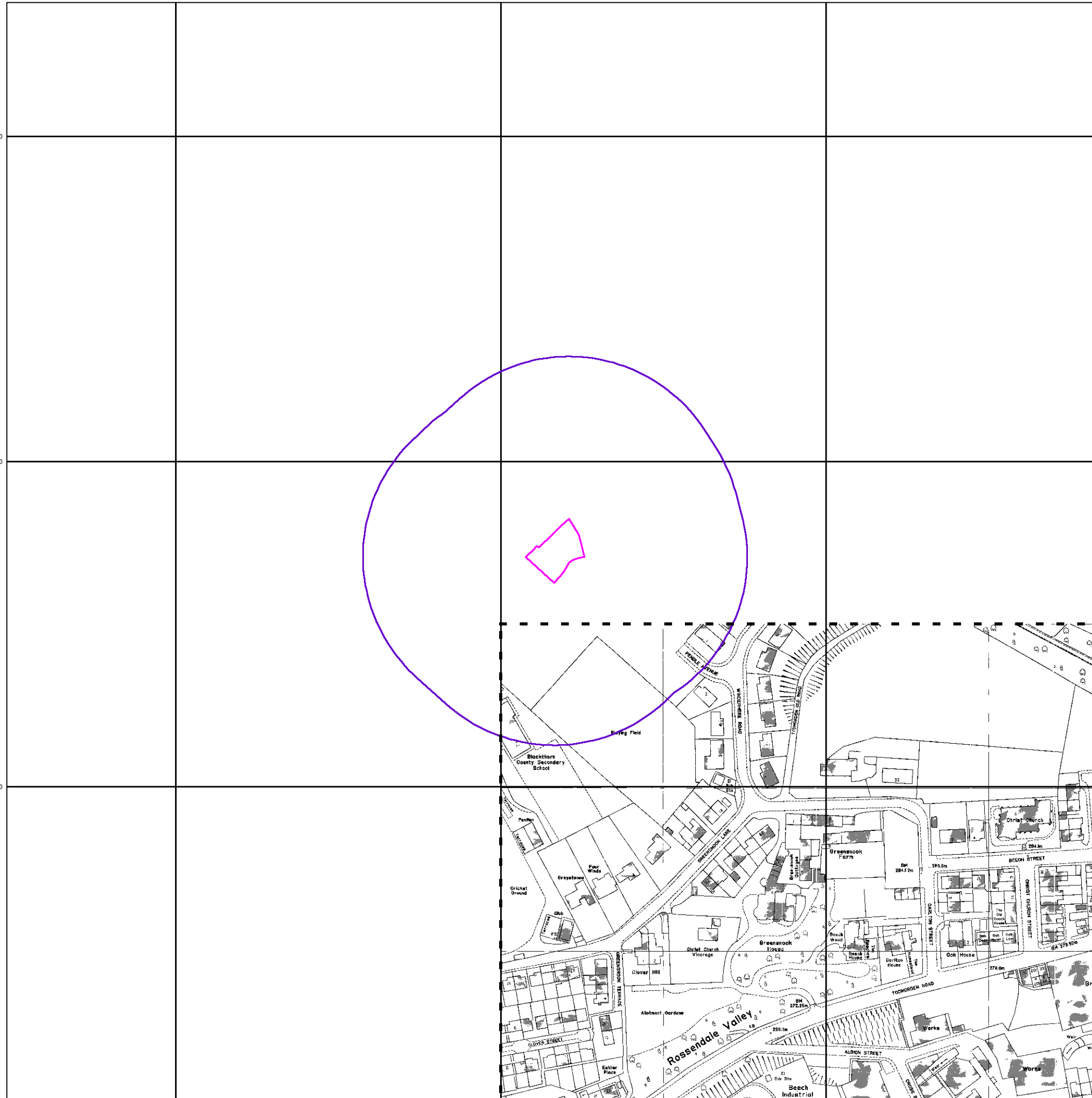
423800

423600

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423400

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387200

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423800

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GROUP

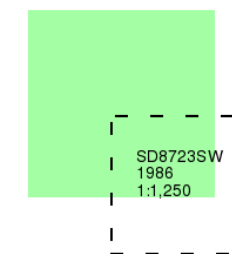
Additional SIMs

Published 1986

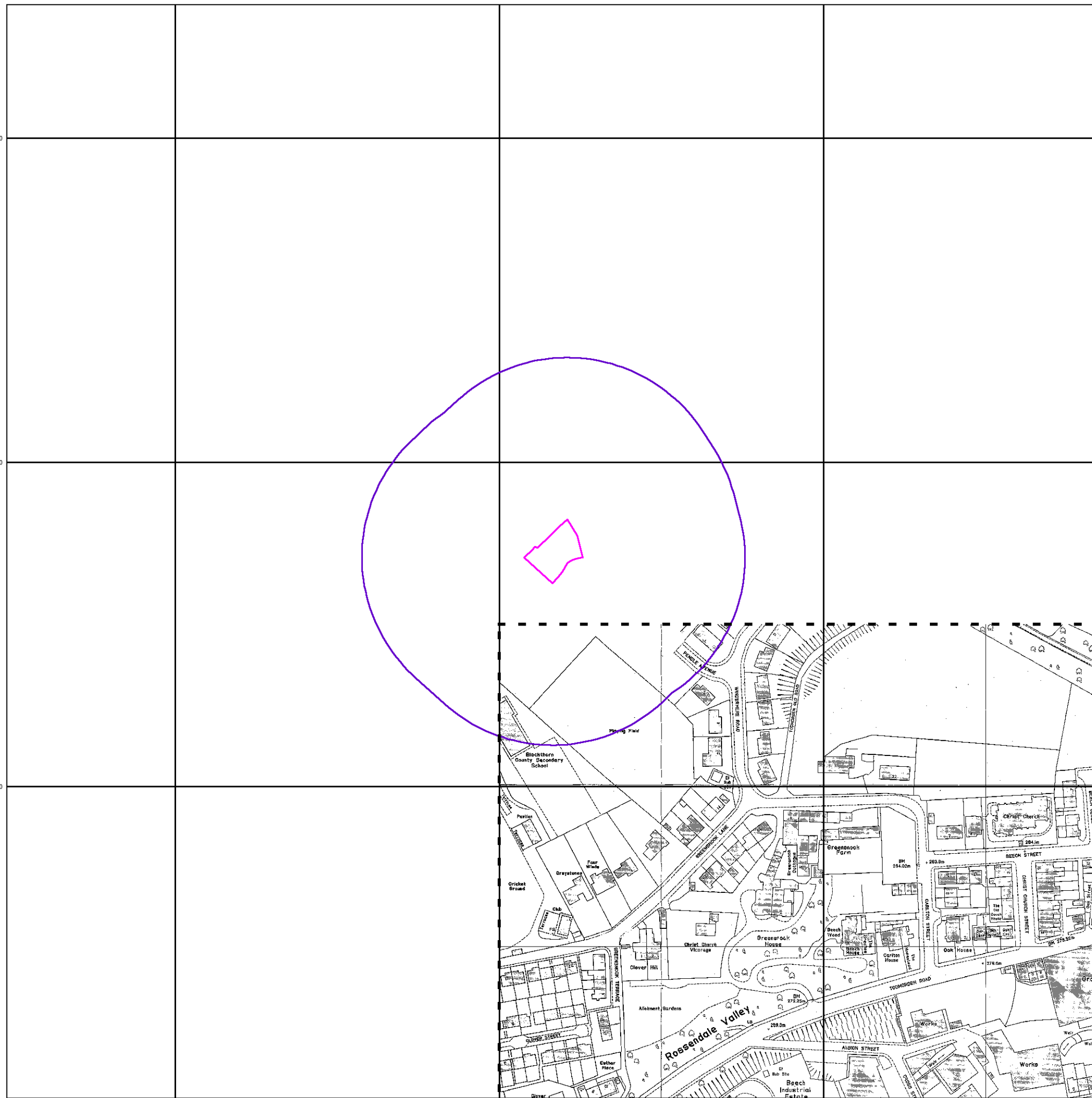
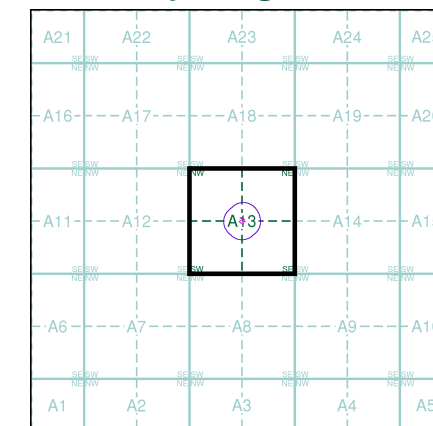
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Slice: A
Site Area (Ha): 0.07
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GROUP

Large-Scale National Grid Data

Published 1993

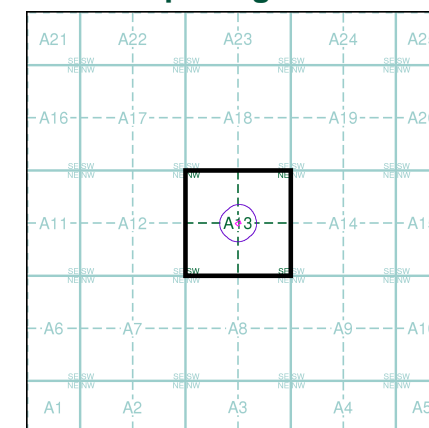
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD8623NE 1993 1:1,250	SD8723NW 1993 1:1,250
SD8623SE 1993 1:1,250	SD8723SW 1993 1:1,250

Historical Map - Segment A13



Order Details

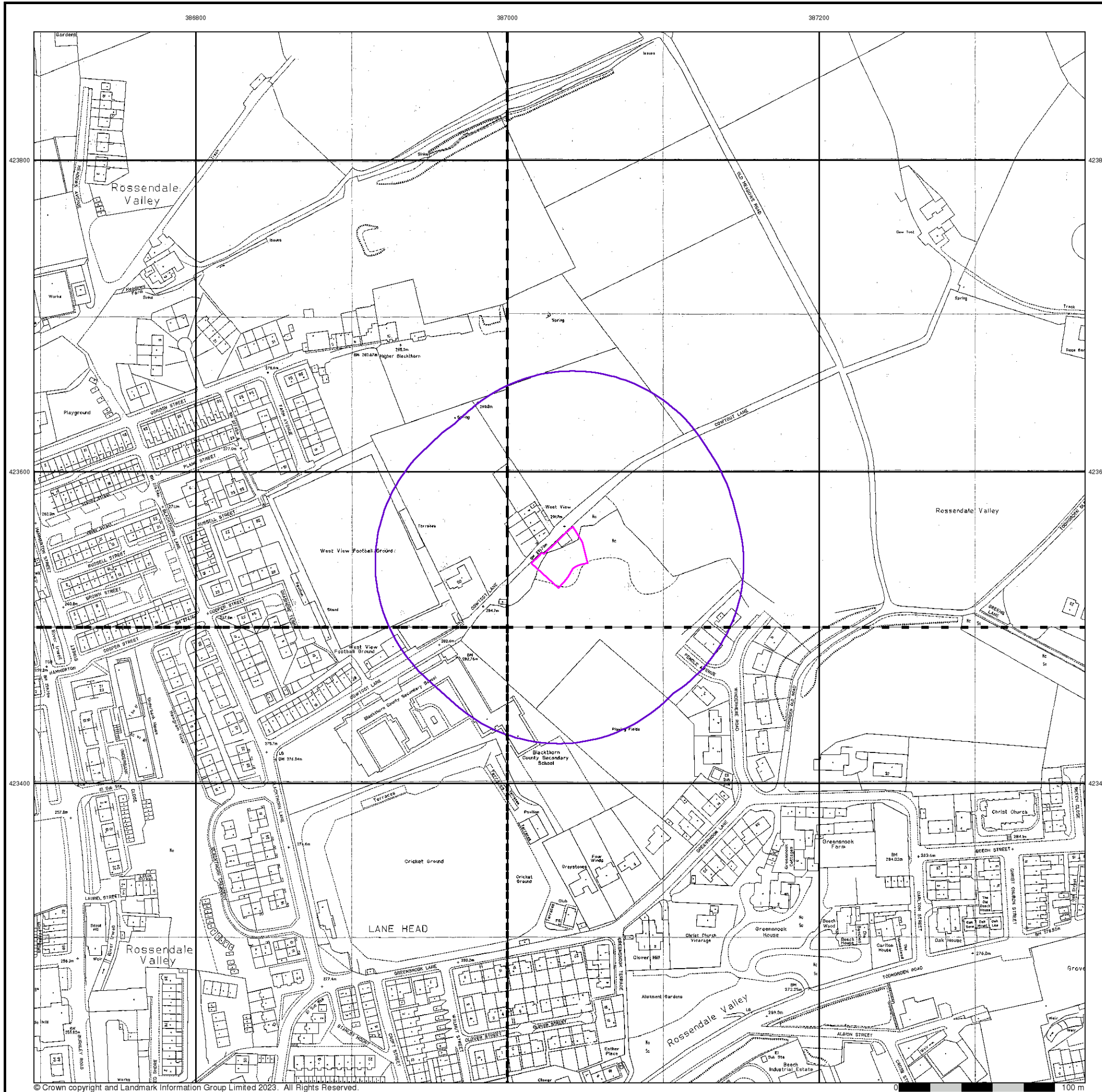
Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

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GROUP

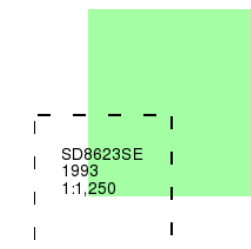
Large-Scale National Grid Data

Published 1993

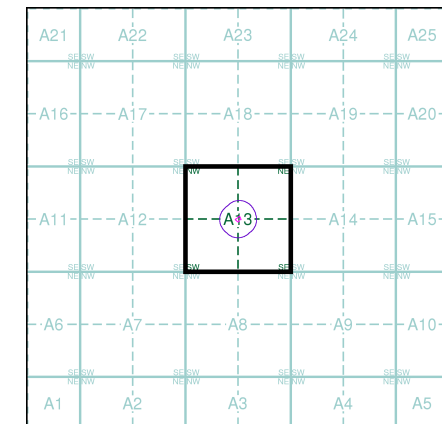
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

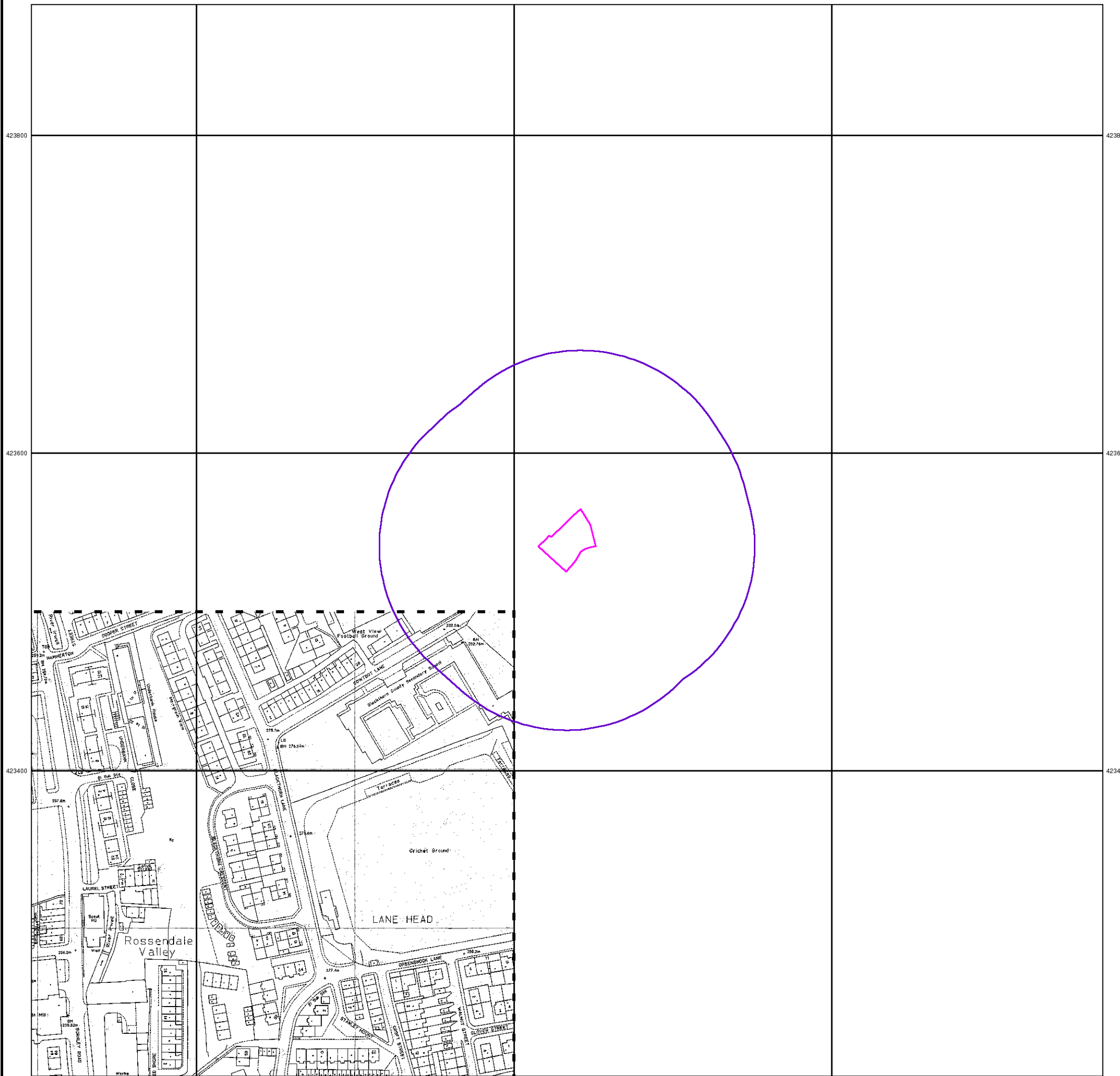
Order Number: 314871535_1_1
Customer Ref: LKC 23 1451
National Grid Reference: 387030, 423540
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

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GROUP

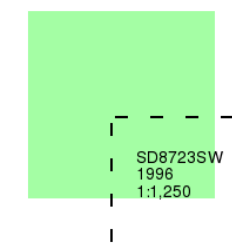
Large-Scale National Grid Data

Published 1996

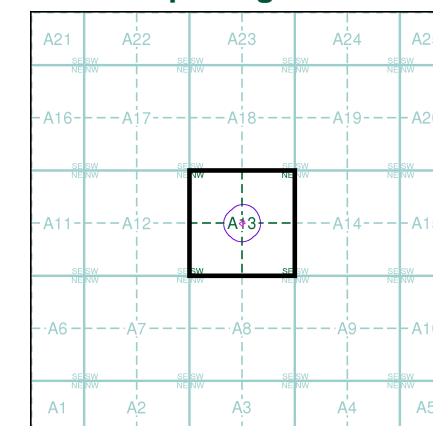
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

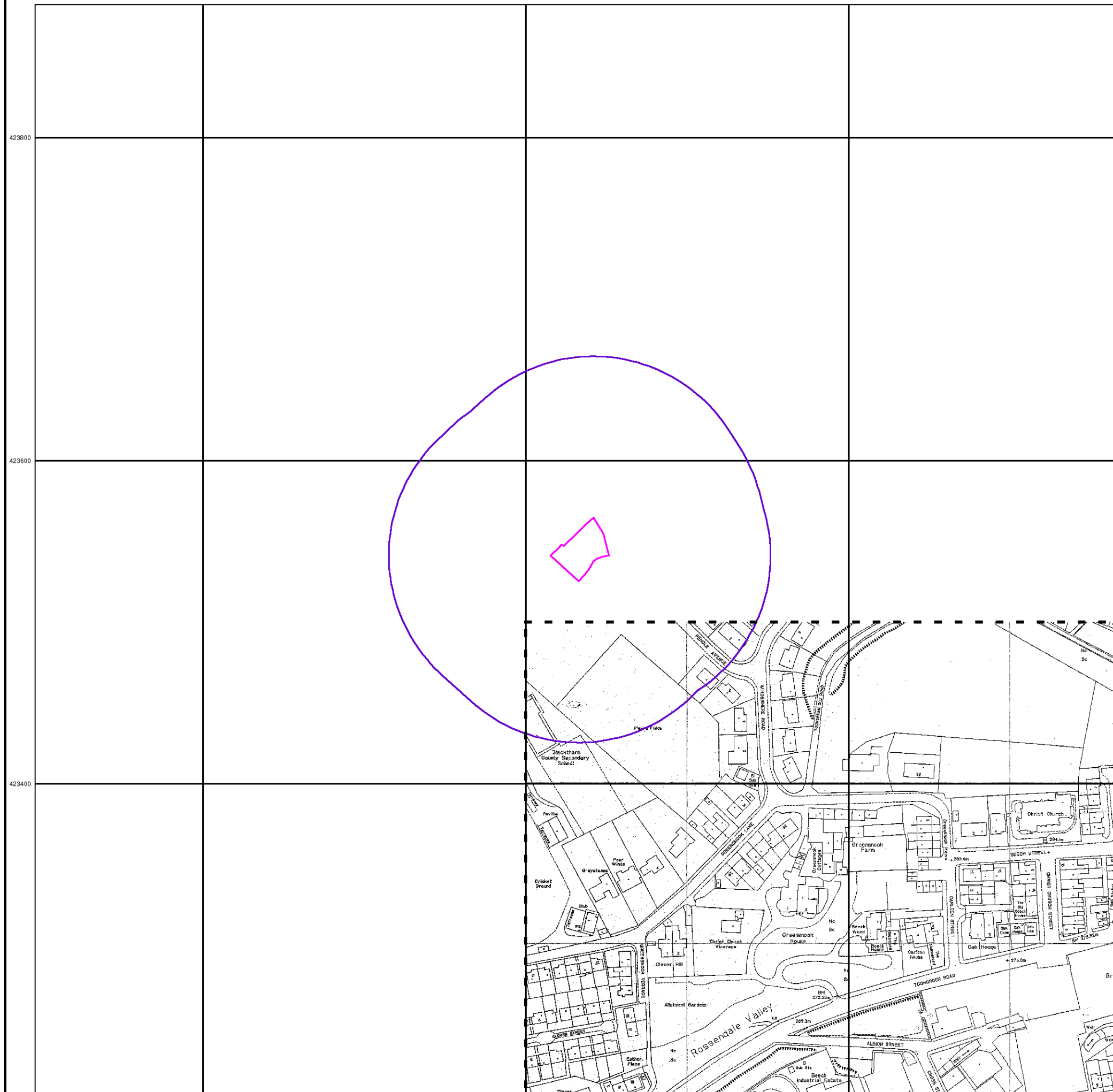
Order Number: 314871535_1_1
Customer Ref: LKC 23 1451
National Grid Reference: 387030, 423540
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



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423800

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423600

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423400



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0 100 m



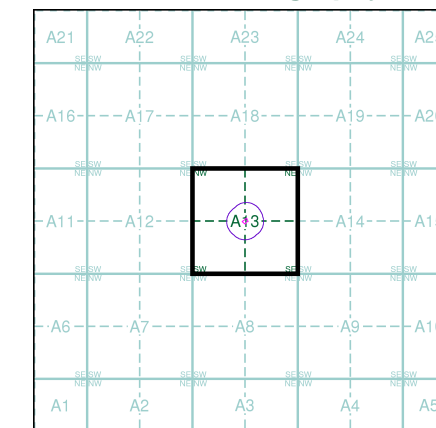
GROUP

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 100

Site Details

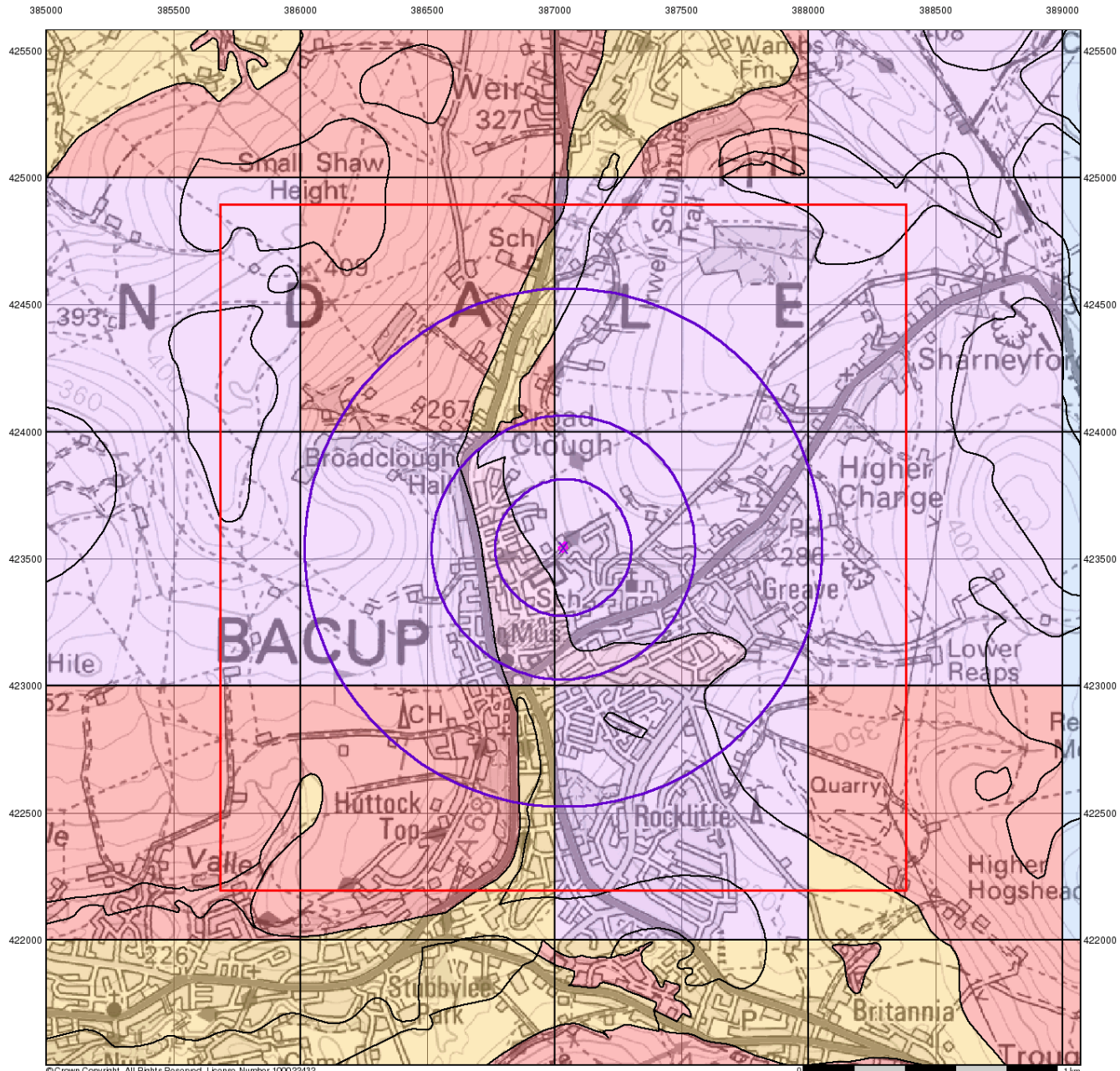
Land of Pendle Avenue, Bacup, OL13 9DW



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Appendix B

Envirocheck Report



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GROUP

Groundwater Vulnerability

General

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

Agency and Hydrological

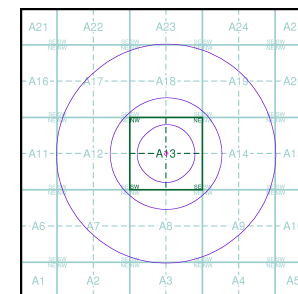
Bedrock Aquifers

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

Superficial Aquifers

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

Site Sensitivity Context Map - Slice A



Order Details

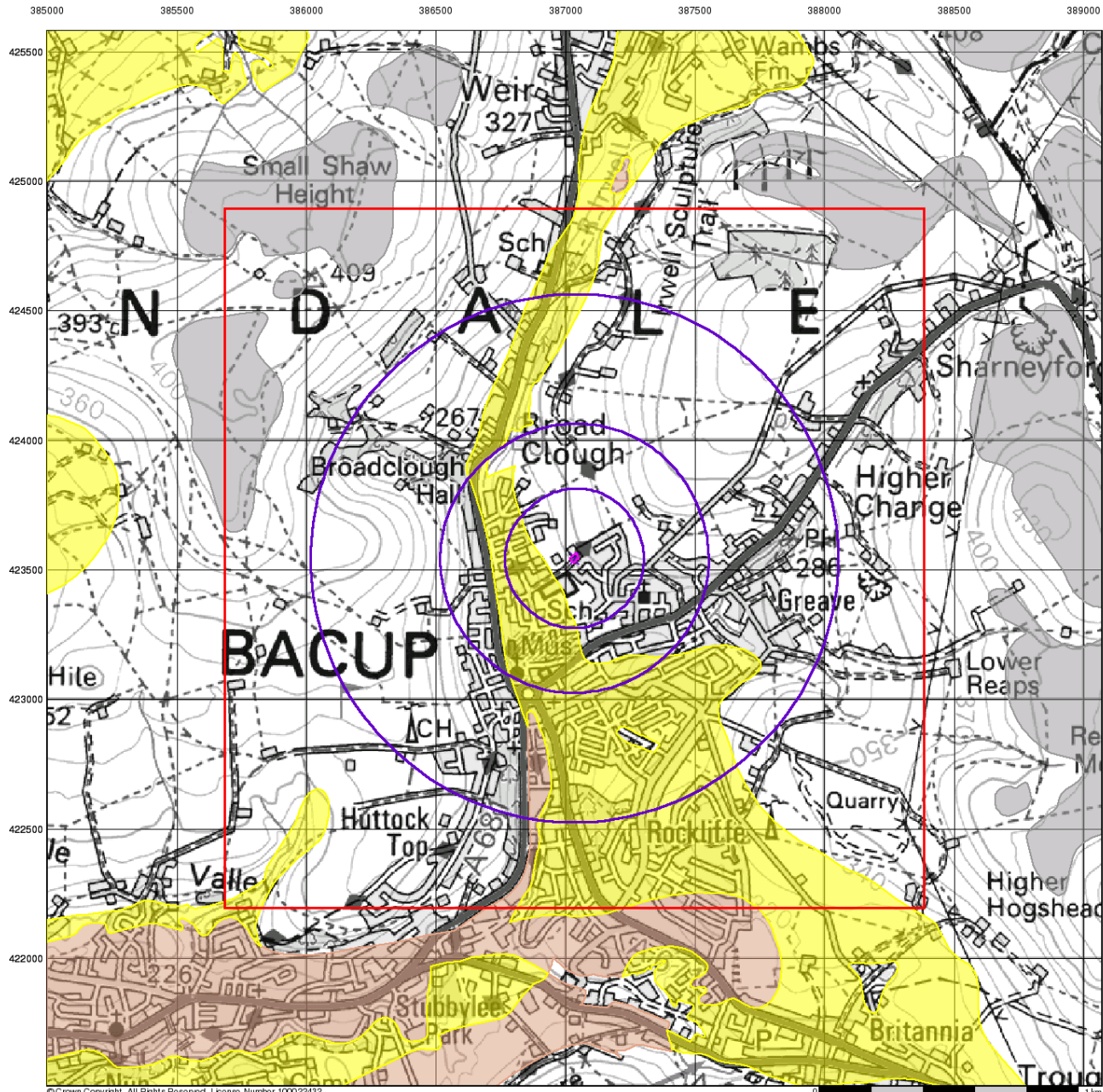
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 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

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GROUP

Superficial Aquifer Designation

General

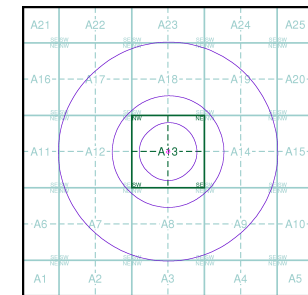
- ◆ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

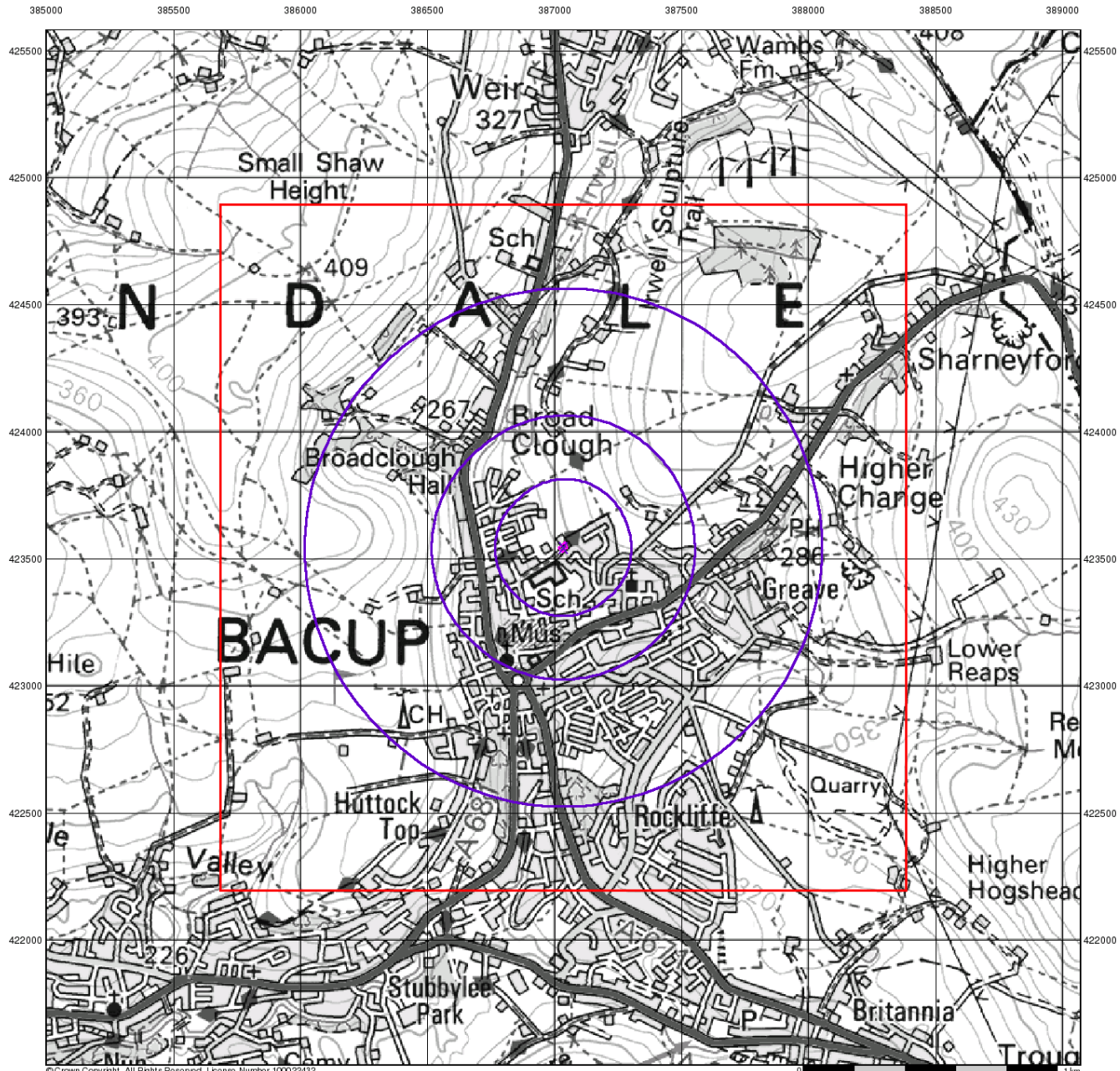
Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

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GROUP

Source Protection Zones

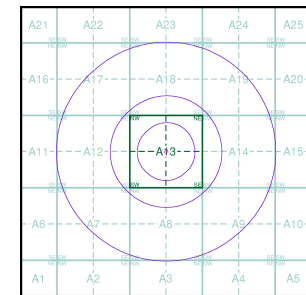
General

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

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

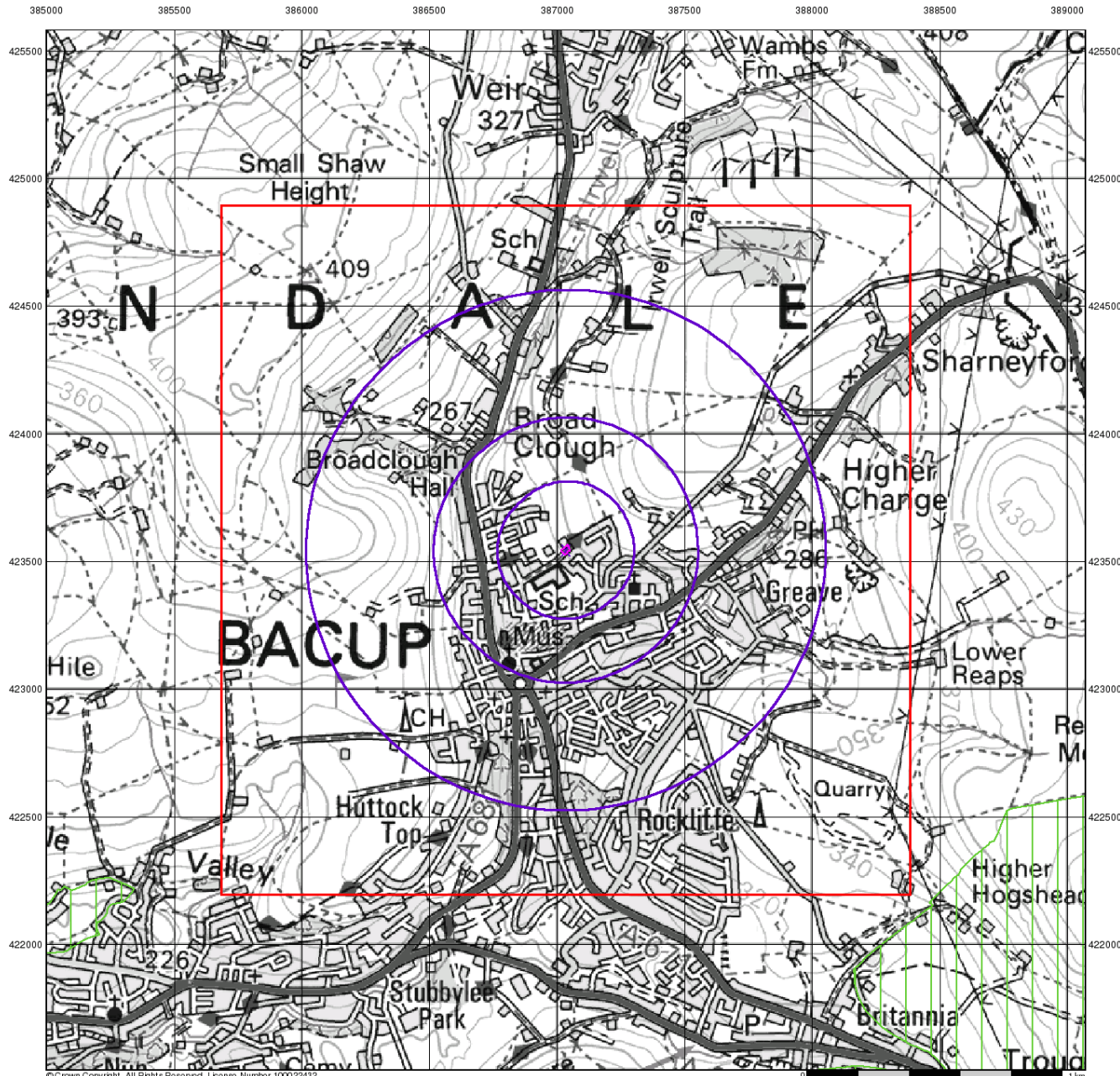
Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
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Site Details

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LK GROUP

Sensitive Land Uses

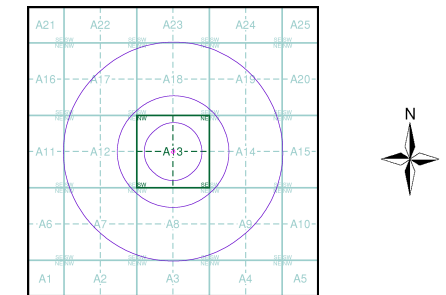
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



Order Details

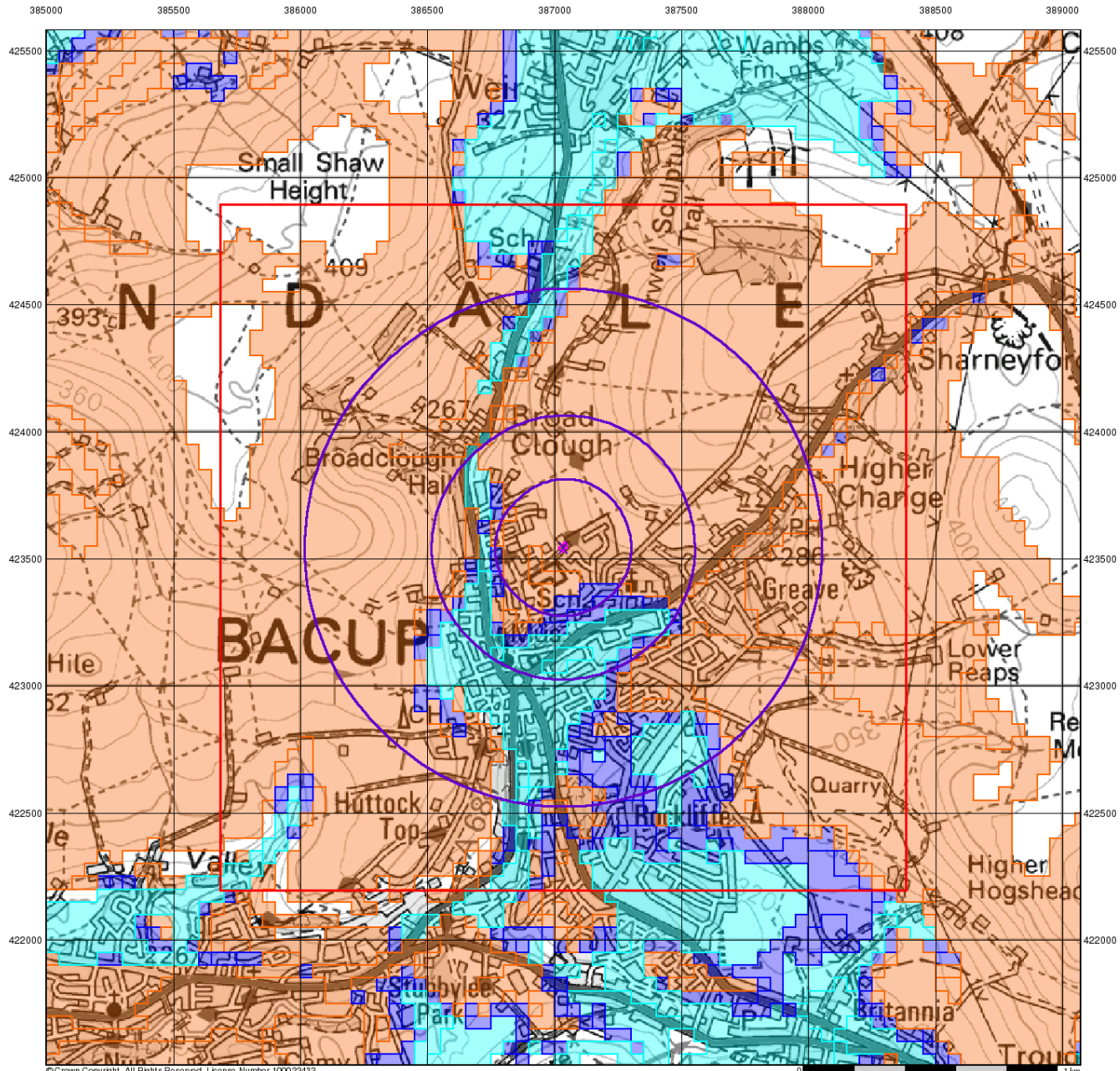
Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

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 INFORMATION GROUP

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GROUP

BGS Flood GFS Data

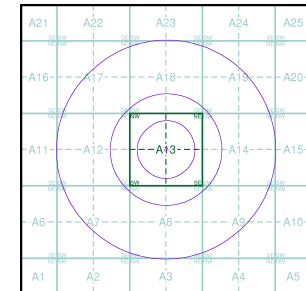
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

314871535_1_1

Customer Reference:

LKC 23 1451

National Grid Reference:

387030, 423540

Slice:

A

Site Area (Ha):

0.07

Search Buffer (m):

1000

Site Details:

Land of Pendle Avenue

Bacup

OL13 9DW

Client Details:

L Consult

LK Consult Ltd

Unit 29 Eton Business Park

Eton Hill Road

Radcliffe

Greater Manchester

M26 2ZS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	31
Hazardous Substances	-
Geological	38
Industrial Land Use	45
Sensitive Land Use	-
Data Currency	62
Data Suppliers	68
Useful Contacts	69

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3			17	9
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 9				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 9			Yes	
Pollution Incidents to Controlled Waters	pg 10			3	11
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 12		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 12				3 (*7)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 15			37	101

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 31				2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 31				1
Local Authority Landfill Coverage	pg 31	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 31			9	27
Potentially Infilled Land (Water)	pg 33		2	18	36
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 36			1	1
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					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 38	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 38	Yes			Yes
BGS Recorded Mineral Sites	pg 38			9	21
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 43	Yes	n/a	n/a	n/a
Mining Instability	pg 43	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 43	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 44	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 44		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 44	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 45		1	31	56
Fuel Station Entries	pg 52			2	
Points of Interest - Commercial Services	pg 52		1	11	11
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 54			12	18
Points of Interest - Public Infrastructure	pg 57			20	27
Points of Interest - Recreational and Environmental	pg 61			2	10
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
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					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	387035 423545
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	66	1	386950 423545
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	76	1	387035 423450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	143	1	387100 423400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	198	1	386850 423650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	212	1	387150 423350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	216	1	386800 423545
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	216	1	386800 423550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	234	1	386800 423450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	241	1	386800 423650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	241	1	386950 423300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	244	1	387250 423400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	258	1	386800 423400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	266	1	386750 423545
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	268	1	386800 423700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	272	1	386750 423600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	276	1	387035 423250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	277	1	387050 423250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	287	1	386750 423650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	288	1	386800 423350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	288	1	386950 423250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	291	1	386850 423300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	306	1	386900 423250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	316	1	386700 423545
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	318	1	386700 423500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	329	1	386700 423450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	352	1	386900 423200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	355	1	387350 423350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	361	1	386800 423250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	366	1	386650 423545
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	376	1	387035 423150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	377	1	386650 423450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	413	1	386650 423350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	422	1	387300 423200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	434	1	387250 423150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SW)	442	1	386800 423150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	454	1	387350 423200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	458	1	386600 423350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	458	1	387200 423100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	461	1	387300 423150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	466	1	387450 423300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	481	1	386600 423300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (NW)	484	1	386750 423950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	488	1	387500 423350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9NW (SE)	488	1	387400 423200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	492	1	387350 423150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	494	1	387450 423250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	498	1	386800 424000
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hammertonstreet/Stanley Street Cso Hammerton Street, ., Bacup, Lancashire, OI13 8dl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0016 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: 10th January 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	326	2	386690 423560
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hammertonstreet/Stanley Street Cso Hammerton Street, ., Bacup, Lancashire, OI13 8dl Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROS0016 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A12NE (W)	326	2	386690 423560
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Hammertonstreet/Stanley Street Cso Hammerton Street, ., Bacup, Lancashire, OI13 8dl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0016 Permit Version: 3 Effective Date: 11th January 2017 Issued Date: 11th January 2017 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (W)	327	2	386689 423563

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Burnley Road Bacup Cso 106 Burnley Road, ., Bacup, Lancashire, OI13 8db Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0034 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: 4th February 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	337	2	386680 423570
1	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Burnley Road Bacup Cso 106 Burnley Road, ., Bacup, Lancashire, OI13 8db Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROS0034 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	337	2	386680 423570
1	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Burnley Road Bacup Cso 106 Burnley Road, ., Bacup, Lancashire, OI13 8db Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0034 Permit Version: 3 Effective Date: 5th February 2016 Issued Date: 5th February 2016 Revocation Date: 10th December 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	340	2	386679 423592
1	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Burnley Road Bacup Cso 106 Burnley Road, ., Bacup, Lancashire, OI13 8db Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0034 Permit Version: 4 Effective Date: 11th December 2019 Issued Date: 11th December 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	341	2	386679 423594

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Tong Lane/Reed Street Cso 19 Tong Lane, ., Bacup, Lancashire, OI13 9hn Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0019 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: 4th February 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Gleave Clough Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	362	2	387100 423170
2	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Tong Lane/Reed Street Cso 19 Tong Lane, ., Bacup, Lancashire, OI13 9hn Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROS0019 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Gleave Clough Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A8NE (S)	362	2	387100 423170
2	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Tong Lane/Reed Street Cso 19 Tong Lane, ., Bacup, Lancashire, OI13 9hn Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0019 Permit Version: 4 Effective Date: 29th January 2020 Issued Date: 29th January 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Gleave Clough Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	368	2	387094 423163
2	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Tong Lane/Reed Street Cso 19 Tong Lane, ., Bacup, Lancashire, OI13 9hn Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0019 Permit Version: 3 Effective Date: 5th February 2016 Issued Date: 5th February 2016 Revocation Date: 28th January 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Gleave Clough Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	368	2	387094 423163

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Greave Clough Drive Cso 1 Greave Clough Drive, ., Bacup, Lancashire, O113 9hp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982934 Permit Version: 3 Effective Date: 11th December 2019 Issued Date: 11th December 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Greave Clough Via Sws Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	367	2	387171 423186
4	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Wellington Hotel Cso Todmorden Road, ., Bacup, Lancashire, O113 9bn Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0017 Permit Version: 4 Effective Date: 5th February 2016 Issued Date: 5th February 2016 Revocation Date: 31st March 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Greave Clough Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	427	2	387000 423100
4	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Wellington Hotel Cso Todmorden Road, ., Bacup, Lancashire, O113 9bn Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0017 Permit Version: 3 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: 4th February 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Greave Clough Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	427	2	387000 423100
4	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Wellington Hotel, Bacup, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0017 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Greave Clough Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	427	2	387000 423100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Wellington Hotel Cso Todmorden Road, ., Bacup, Lancashire, OI13 9bn Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROS0017 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Greave Clough Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	427	2	387000 423100
4	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Wellington Hotel Cso Todmorden Road, ., Bacup, Lancashire, OI13 9bn Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0017 Permit Version: 5 Effective Date: 1st April 2018 Issued Date: 21st March 2018 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Culverted Trib Of River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	428	2	386996 423100
5	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Greave Clough Drive Cso 1 Greave Clough Drive, ., Bacup, Lancashire, OI13 9hp Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982934 Permit Version: 2 Effective Date: 8th November 1995 Issued Date: Not Supplied Revocation Date: 10th December 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Greave Clough Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A14SW (SE)	544	2	387490 423220
5	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Greave Clough Drive Cso 1 Greave Clough Drive, ., Bacup, Lancashire, OI13 9hp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982934 Permit Version: 1 Effective Date: 14th June 1995 Issued Date: Not Supplied Revocation Date: 7th November 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Greave Clough Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	544	2	387490 423220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: The Coal Authority Property Type: MINING OF COAL + LIGNITE Location: Old Meadows Minewater Treatment Plt, Higher Broadclough, Bacup, Lancashire</p> <p>Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993335 Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 10th March 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: The River Irwell Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	550	2	386720 424010
7	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: South Street/Pickup Street Cso 25 South Treet, ., Bacup, Lancashire, OI13 9dh</p> <p>Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0020 Permit Version: 4 Effective Date: 15th April 2020 Issued Date: 15th April 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	561	2	387004 422966
7	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: South Street/Pickup Street Cso 25 South Treet, ., Bacup, Lancashire, OI13 9dh</p> <p>Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0020 Permit Version: 3 Effective Date: 5th February 2016 Issued Date: 5th February 2016 Revocation Date: 14th April 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	561	2	387004 422966
8	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: South Street/Pickup Street Cso 25 South Treet, ., Bacup, Lancashire, OI13 9dh</p> <p>Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01ros0020 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: 4th February 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	593	2	386940 422940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p>Discharge Consents</p> <p>Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: South Street/Pickup Street Cso 25 South Treet, ., Bacup, Lancashire, OI13 9dh Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROS0020 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	593	2	386940 422940
9	<p>Discharge Consents</p> <p>Operator: Mr P Parlett Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Brow Top Farm Old Meadows Road, Broadclough, Bacup, Lancashire, OI13 8px Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993419 Permit Version: 1 Effective Date: 9th November 2001 Issued Date: 9th November 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib. Of River Irwell Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	655	2	386930 424210
10	<p>Discharge Consents</p> <p>Operator: Mr Ralph Scott Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Dykes House Farm, Burnley Road, Bacup, Lancashire, OI13 8rq Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993464 Permit Version: 1 Effective Date: 23rd January 2003 Issued Date: 23rd January 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Irwell Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	963	2	386530 424380
11	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: J & J Ormerod Location: Forest Mill, Henrietta Street, BACUP, OL13 Authority: Rossendale Borough Council, Environmental Health Department Permit Reference: 27/01 Dated: 1st June 2001 Process Type: Local Authority Pollution Prevention and Control Description: PG6/33 Wood coating Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location</p>	A8SW (S)	870	3	386899 422666
	<p>Nearest Surface Water Feature</p>	A13NW (N)	257	-	386961 423808

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Other Sewage Note: Greave Clough Bk Incident Date: 21st July 1994 Incident Reference: 94621622 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	347	2	387300 423300
13	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: River Irwell Incident Date: 16th August 1995 Incident Reference: 95622102 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	353	2	386700 423700
14	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Greave Clough Bk Incident Date: 8th August 1995 Incident Reference: 95622022 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	432	2	387000 423095
15	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Abandoned mine Location: River Irwell, BACUP Authority: Environment Agency, North West Region Pollutant: Mining Water Note: Bright Orange Incident Date: 9th January 1998 Incident Reference: SO980070 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	554	2	386700 424000
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Greave Close , BACUP Authority: Environment Agency, North West Region Pollutant: Agricultural: Unknown Note: Greave Clough Bk; Farm Effluent Incident Date: 9th March 1997 Incident Reference: 97620407 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A8NE (SE)	595	2	387300 422995
17	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: Greave Clough Bk Incident Date: 25th February 1995 Incident Reference: 95620390 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	652	2	387700 423600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Water Involved; None Pollution Found Incident Date: 11th April 1996 Incident Reference: 96620740 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	664	2	387700 423400
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; None Pollution Found Incident Date: 21st October 1996 Incident Reference: 96622309 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	665	2	387700 423395
19	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: River Adjacent To Green Clough Drive, BACUP Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: Is A Creamy Colour Incident Date: 12th January 1998 Incident Reference: SO980088 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	733	2	387700 423200
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: River Irwell; Ochre Incident Date: 5th August 1994 Incident Reference: 94621796 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	843	2	386900 424395
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: River Irwell; Ochre Incident Date: 1st December 1994 Incident Reference: 94622626 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	848	2	386900 424400
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: Pond At Bacup; No Pollution Found Incident Date: 27th March 1995 Incident Reference: 95620624 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	929	2	387800 424100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: River Irwell; Natural Foam And Scum Incident Date: 15th January 1996 Incident Reference: 96620069 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	937	2	387000 424500
23	Pollution Incidents to Controlled Waters Property Type: Abandoned mine Location: River Irwell Authority: Environment Agency, North West Region Pollutant: Mining Water Note: Bright Orange Incident Date: 16th July 1998 Incident Reference: SO981286 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	947	2	386900 424500
	River Quality Name: Irwell GQA Grade: River Quality B Reach: Qsl At Deerplay To Whitewell Bk Estimated Distance (km): 8.7 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13SW (SW)	242	2	386801 423428
24	Water Abstractions Operator: The Coal Authority Licence Number: 2569001288/R01 Permit Version: 1 Location: Land At Old Meadows Minewater Treatment Plant Off Burnley Rd Authority: Environment Agency, North West Region Abstraction: Other Environmental Improvements: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	673	2	386820 424200
24	Water Abstractions Operator: The Coal Authority Licence Number: 2569001288 Permit Version: 1 Location: Land At Old Meadows Minewater Treatment Plant Off Burnley Rd Authority: Environment Agency, North West Region Abstraction: Other Environmental Improvements: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th May 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	673	2	386820 424200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p>Water Abstractions</p> <p>Operator: Messrs John Taylor And Company Licence Number: 2569001146 Permit Version: Not Supplied Location: Scar End Brook & Springs, BACUP Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 2273 Yearly Rate (m3): 0 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	861	2	387900 423400
	<p>Water Abstractions</p> <p>Operator: M Jones Licence Number: 2569001133 Permit Version: 100 Location: Well At Holmes Barn Farm, Broadclough, Bacup Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 3 Yearly Rate (m3): 777 Details: Holmes Barn Farm, Broadclough, Bacup Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11SE (W)	1016	2	386000 423500
	<p>Water Abstractions</p> <p>Operator: Gary R Davis Licence Number: 2569001259 Permit Version: 1 Location: Scar End Farm Authority: Environment Agency, North West Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A24NW (N)	1553	2	387380 425080
	<p>Water Abstractions</p> <p>Operator: Gary R Davis Licence Number: 2569001259 Permit Version: 1 Location: Scar End Farm Authority: Environment Agency, North West Region Abstraction: Hotels; Public Houses And Conference Centres: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A24NW (N)	1553	2	387380 425080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: N.W.W.A. Eastern Division Licence Number: 2569001169 Permit Version: Not Supplied Location: Sheephouse & New Lime Reservoirs, Imp/Tributarys Of River Irwell, BACUP Authority: Environment Agency, North West Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Reservoir/Pond Daily Rate (m3): 3273 Yearly Rate (m3): 827372 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A4SW (SE)	1666	2	387700 422000
	<p>Water Abstractions</p> <p>Operator: H Tattersall Licence Number: 2569001062 Permit Version: 100 Location: Spring At Heap Hey Farm, Sharneyford, Bacup Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 3 Yearly Rate (m3): 1000 Details: Heap Hey Farm, Sharneyford, Bacup Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A25SE (NE)	1789	2	388500 424600
	<p>Water Abstractions</p> <p>Operator: N.W.W.A. Eastern Division Licence Number: 2569001169 Permit Version: Not Supplied Location: Sheephouse & New Lime Reservoirs, Imp/Tributarys Of River Irwell, BACUP Authority: Environment Agency, North West Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Reservoir/Pond Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(S)	1885	2	387500 421700
	<p>Water Abstractions</p> <p>Operator: Mr L Aspden Licence Number: 2569001115 Permit Version: 100 Location: Spring Fed Collecting Tank At Far Bank End Farm, Bacup Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 5 Yearly Rate (m3): 1659 Details: Three Farms At Bacup Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(NW)	1965	2	385300 424500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SE (E)	0	4	387035 423545
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (E)	0	4	387035 423545
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	256	5	386907 423782
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 162.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (N)	257	5	386961 423808
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	268	5	386846 423749
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	304	5	386767 423716

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13SW (W)	309	5	386714 423476
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13SW (W)	309	5	386714 423476
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13SW (W)	310	5	386712 423478
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (W)	310	5	386712 423476
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (N)	319	5	387089 423880
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NE (W)	334	5	386683 423568
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NE (W)	345	5	386681 423624
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	345	5	386681 423624
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13SW (SW)	347	5	386746 423323

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13SW (SW)	363	5	386746 423299
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 136.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (SW)	363	5	386746 423299
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NE (W)	365	5	386675 423671
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NE (W)	366	5	386674 423674
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 393.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	367	5	387126 423171
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 223.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NE (W)	373	5	386672 423686
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	379	5	387279 423238
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	379	5	387293 423250
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A13SW (SW)	393	5	386736 423266

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	399	5	386626 423627
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 199.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (NW)	400	5	386846 423913
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (NW)	425	5	386815 423924
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	425	5	387351 423240
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	434	5	387369 423246
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 390.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	436	5	386588 423625
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	436	5	386584 423476
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	436	5	386584 423476
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (NW)	449	5	386690 423851

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 225.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A8NW (SW)	456	5	386764 423157
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	456	5	386764 423157
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (SE)	464	5	387425 423266
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (NW)	465	5	386688 423872
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	473	5	386547 423476
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 307.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (SW)	474	5	386610 423296
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	507	5	386694 423934
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	507	5	386916 423033
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	508	5	386512 423471

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	509	5	387069 424072
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	509	5	387091 424071
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	511	5	386957 424068
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	511	5	386957 424068
70	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	512	5	387121 424070
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	513	5	387164 424063
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A17SE (NW)	514	5	386652 423905
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	514	5	386652 423905
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	516	5	386908 423025

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	518	5	386948 424074
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (NW)	518	5	386699 423952
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (NW)	520	5	386706 423961
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: Underground Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (NW)	557	5	386732 424027
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (SE)	557	5	387561 423317
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 122.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (SE)	557	5	387563 423321
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	557	5	386591 423181
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	562	5	387600 423423
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (NW)	565	5	386738 424040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (NW)	565	5	386738 424040
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: Underground Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (NW)	566	5	386739 424042
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (SE)	570	5	387571 423308
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 435.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (SE)	573	5	387573 423305
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (NW)	578	5	386750 424063
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (NW)	580	5	386754 424067
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	580	5	387623 423441
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	584	5	386560 423175
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	585	5	386560 423908

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	585	5	387629 423447
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	594	5	386550 423910
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A17SE (NW)	594	5	386550 423910
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A17SE (NW)	596	5	386549 423912
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A17SE (NW)	596	5	386549 423912
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A8NW (S)	604	5	386852 422950
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A17SE (NW)	607	5	386537 423913
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	608	5	386532 423910
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	611	5	386529 423910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (E)	616	5	387643 423710
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 260.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	619	5	387666 423473
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	625	5	386413 423376
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (E)	629	5	387657 423711
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (E)	629	5	387657 423711
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	638	5	386790 424150
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (N)	638	5	386790 424150
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	669	5	386462 423916
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	670	5	386851 424206

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	690	5	386497 423997
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	690	5	386568 423016
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SW (N)	691	5	386816 424217
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 470.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A8SW (S)	692	5	386925 422843
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	701	5	386551 423016
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	706	5	386547 423014
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (NW)	710	5	386735 424205
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	711	5	386541 423012
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	743	5	386927 424298

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	755	5	387161 424310
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	762	5	386341 423895
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	764	5	386695 424244
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18NW (N)	769	5	386873 424314
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	770	5	386357 423939
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NW)	771	5	386317 423868
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NW)	775	5	386313 423867
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NW)	777	5	386309 423865
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 136.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	779	5	387111 424340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	779	5	387111 424340
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18NW (N)	782	5	386876 424328
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 121.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	782	5	386876 424328
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 140.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	782	5	387146 424339
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	792	5	386337 423949
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	792	5	386337 423949
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	796	5	386671 424268
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	797	5	386280 423849
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	800	5	387283 424327

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 200.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	800	5	387289 424325
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	815	5	386980 424377
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 230.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	815	5	386311 423952
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	815	5	386310 423948
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 267.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	822	5	387869 423625
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	822	5	387869 423625
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	843	5	386632 424300
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18NW (N)	845	5	386925 424401
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	855	5	386622 424309

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 193.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	870	5	387442 422758
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	875	5	387494 424313
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	887	5	386145 423373
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	889	5	386795 424418
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 319.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	892	5	387924 423726
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	906	5	386249 424024
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	946	5	387213 424494
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 321.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	946	5	387219 424493
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	955	5	387084 424518

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	968	5	386741 424484
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18NW (N)	973	5	386993 424536
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	983	5	387948 423138
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	983	5	387948 423138
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (W)	984	5	386111 423927
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (W)	984	5	386111 423927
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	991	5	387964 423157
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (E)	994	5	387971 423166

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	Historical Landfill Sites Licence Holder: Not Supplied Location: Tong Lane, Bacup, Lancashire Name: Land off Tong Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD17259 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2300/0700 BGS Ref: Not Supplied Other Ref: K1/14/065	A9NW (SE)	756	2	387486 422921
165	Historical Landfill Sites Licence Holder: Not Supplied Location: Todmorden Road, Greave Clough, Bacup, Lancashire Name: Land off Todmorden Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15626 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 2300/0668 BGS Ref: Not Supplied Other Ref: R026, K1/14/26	A14NE (E)	930	2	387938 423819
166	Licensed Waste Management Facilities (Locations) Licence Number: 53521 Location: Henrietta Street Depot, Henrietta Street, Bacup, Lancashire, OL13 0AR Operator Name: Rossendale Borough Council Operator Location: Not Supplied Authority: Environment Agency - North West Region, North Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 17th November 1997 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SW (S)	884	2	386957 422645
	Local Authority Landfill Coverage Name: Rossendale Borough Council - Has supplied landfill data		0	3	387035 423545
	Local Authority Landfill Coverage Name: Lancashire County Council - Had landfill data but passed it to the relevant environment agency		0	6	387035 423545
167	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13NW (NW)	259	-	386913 423789
168	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13NE (N)	291	-	387043 423855
169	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13NW (W)	335	-	386708 423674
170	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13NW (NW)	360	-	386868 423879
171	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A18SW (N)	412	-	387031 423976

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A18SW (N)	470	-	386990 424031
173	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A12NE (W)	470	-	386548 423585
174	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A12SE (SW)	488	-	386589 423304
175	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A12NE (W)	488	-	386541 423652
176	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A12SE (W)	501	-	386516 423511
177	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A12NE (W)	504	-	386519 423627
178	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A18SW (N)	520	-	386939 424074
179	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A14SW (E)	564	-	387581 423348
180	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A14SW (SE)	618	-	387612 423283
181	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A19SW (NE)	676	-	387439 424112
182	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A12NE (NW)	718	-	386382 423878
183	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A8SW (S)	736	-	387013 422790
184	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A14SE (E)	746	-	387796 423494
185	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A18NW (N)	750	-	386913 424303
186	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A14NE (E)	753	-	387755 423814
187	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A8SW (S)	795	-	386791 422768

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
188	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A14NE (E)	823	-	387872 423610
189	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A18NW (NW)	828	-	386696 424316
190	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A19SE (NE)	835	-	387758 423993
191	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A14NE (E)	836	-	387850 423789
192	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A8SW (S)	860	-	387028 422666
193	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A9NE (SE)	878	-	387757 423019
194	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A19NW (NE)	881	-	387509 424311
195	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A9NW (SE)	882	-	387655 422900
196	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A14NE (E)	892	-	387943 423562
197	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A14NE (E)	905	-	387940 423709
198	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A19SE (NE)	923	-	387840 424029
199	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A7NW (SW)	936	-	386212 423061
200	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A18NW (N)	958	-	387018 424522
201	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A9SE (SE)	983	-	387716 422818
202	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A18NW (N)	990	-	386712 424498
203	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (NW)	148	-	386958 423686
204	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (NW)	224	-	386913 423747

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
205	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NE (NE)	267	-	387281 423685
206	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1849	A13SW (W)	284	-	386747 423449
207	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13SW (SW)	327	-	386804 423292
208	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13SW (SW)	348	-	386820 423252
209	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (NW)	351	-	386809 423828
210	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NE (NE)	373	-	387368 423744
211	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12NE (W)	387	-	386629 423556
212	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A14SW (SE)	396	-	387405 423365
213	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13SE (SE)	409	-	387336 423248
214	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NE (S)	414	-	387038 423112
215	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12NE (NW)	426	-	386692 423819
216	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A13SW (SW)	439	-	386713 423223
217	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NW (S)	442	-	386864 423117
218	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (SE)	444	-	387434 423318
219	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A14SW (E)	451	-	387501 423529
220	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A12SE (SW)	457	-	386618 423316
221	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NE (S)	460	-	387069 423068
222	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14SW (SE)	498	-	387482 423292
223	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A8NE (S)	544	-	387231 423019
224	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A14SW (SE)	550	-	387516 423248
225	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A9NW (SE)	554	-	387468 423176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A8NE (SE)	559	-	387300 423035
227	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (E)	562	-	387594 423396
228	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1931	A18SW (NW)	579	-	386702 424032
229	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A8NE (SE)	586	-	387352 423035
230	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A9NW (SE)	601	-	387417 423064
231	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A14SW (SE)	603	-	387589 423267
232	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1931	A17SE (NW)	607	-	386671 424045
233	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A14SW (E)	616	-	387658 423434
234	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (SE)	620	-	387589 423232
235	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1931	A18SW (N)	645	-	386856 424181
236	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1931	A17SE (NW)	655	-	386682 424111
237	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A17SE (NW)	661	-	386599 424056
238	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18SW (NW)	666	-	386732 424154
239	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A9NW (SE)	678	-	387615 423165
240	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SW (S)	696	-	386885 422846
241	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8SW (S)	703	-	386923 422832
242	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14NE (E)	726	-	387776 423580
243	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SW (S)	743	-	386807 422818
244	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8SW (S)	788	-	386931 422745
245	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NW (N)	800	-	386787 424323
246	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SW (S)	813	-	387019 422713

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A9NW (SE)	824	-	387621 422947
248	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A8SW (S)	843	-	386937 422689
249	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A8SE (S)	877	-	387291 422688
250	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A8SW (S)	884	-	386929 422648
251	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A8SE (S)	901	-	387037 422625
252	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A8SE (S)	910	-	387292 422654
253	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A7NW (SW)	916	-	386328 422935
254	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SW (S)	929	-	386912 422605
255	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A8SW (S)	956	-	386949 422574
256	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SE (S)	973	-	387044 422554
257	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A18NE (N)	978	-	387102 424540
258	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A3NE (S)	998	-	387062 422528
259	Registered Waste Transfer Sites Licence Holder: Beta Industrial Ltd Licence Reference: L 535 Site Location: Underbank Mill, Burnley Road, BACUP, Lancashire, OL13 8AE Operator Location: As Site Address Authority: Environment Agency - North West Region, Central Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st September 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Storage In Licence Max.Waste Permitted By Licence Used Automot.Veh. Spray Booth Filters Prohibited Waste: Waste N.O.S. Whether Treated Or Not	A8NW (SW)	432	2	386750 423200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
260	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Rossendale B.C Licence Reference: 20003 Site Location: Henrietta Street Depot, BACUP, Lancashire, OL13 0AR Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is known Dated: 17th November 1997 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste Bagged Litter (From In Rossendale) Fluorescent Lamps Fly-Tipped Material (Collected In Rossendale) Max.Storage In Licence Max.Waste Permitted By Licence Non-Haz. Metals Scrap Appliances Street Sweepings Tarmacadam, Asphalt Uncontam. Glass, Slate, Concrete, Brick, Ceramics Uncontam. Soil, Clay, Natural Sand, Rock Prohibited Waste Asbestos - In Any Form Clinical Wastes Liquid Wastes Sludge Wastes Special Waste (As In Epa 1990:S62 Of 1996 Regs) Waste N.O.S. Whether/Not Pre-Treated/Packaged</p>	A8SW (S)	842	2	386930 422690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13SE (E)	0	1	387035 423545
	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: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (E)	0	1	387035 423545
	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: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8NW (SW)	501	1	386765 423102
	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: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SW (S)	816	1	386821 422738
	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: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SW (S)	954	1	386820 422596
261	BGS Recorded Mineral Sites Site Name: Old Meadows Colliery Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166515 Type: Underground Status: Ceased Operator: Ncb North-Western Division, Area No. 4 (Burnley) Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Lower Mountain Coal (South Lancashire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NW (N)	254	1	386946 423799
262	BGS Recorded Mineral Sites Site Name: Old Meadows Colliery Air Level Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166516 Type: Underground Status: Ceased Operator: Ncb North-Western Division, Area No. 4 (Burnley) Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Lower Mountain Coal (South Lancashire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (N)	285	1	387058 423849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
263	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Old Meadow Colliery Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25814 Type: Underground Status: Ceased Operator: Ncb North-Western Division, Area No. 4 (Burnley) Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Lower Mountain Coal (South Lancashire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	349	1	386865 423865
264	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Broad Clough Quarry Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166514 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Great Arc Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	414	1	387028 423978
265	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Holmes Quarry Location: Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25811 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woodhead Hill Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	452	1	386565 423575
266	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Broad Clough Colliery Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25813 Type: Underground Status: Ceased Operator: Geo Hargreaves & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Lower Mountain Coal (South Lancashire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	470	1	386557 423645
266	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Broad Clough Colliery Air Level Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166517 Type: Underground Status: Ceased Operator: Geo Hargreaves & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Lower Mountain Coal (South Lancashire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	504	1	386518 423622
267	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Dickenson Barn Farm Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 93687 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Great Arc Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	471	1	386985 424032

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
268	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Holmes Barn Quarry Location: Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25812 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woodhead Hill Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	481	1	386595 423307
269	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Broad Clough Colliery Air Level Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166518 Type: Underground Status: Ceased Operator: Geo Hargreaves & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Lower Mountain Coal (South Lancashire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	486	1	386531 423509
270	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Greave Location: Greave, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25787 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woodhead Hill Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	572	1	387590 423350
271	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Greave Location: Greave, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25786 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woodhead Hill Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	631	1	387625 423280
272	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Broad Clough Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 93686 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Darwen Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	674	1	387440 424108
273	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Coal Pit Clough Air Level Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166520 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	691	1	386434 423914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
274	BGS Recorded Mineral Sites Site Name: Broad Clough Colliery Air Level Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166519 Type: Underground Status: Ceased Operator: Geo Hargreaves & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Lower Mountain Coal (South Lancashire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	701	1	386398 423872
275	BGS Recorded Mineral Sites Site Name: Flowers Farm Occs Location: Higher Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166488 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Upper Mountain Coal (South Lancashire) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m	A18NE (NE)	730	1	387342 424229
276	BGS Recorded Mineral Sites Site Name: Bacup Location: Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25789 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SW (S)	746	1	387025 422780
277	BGS Recorded Mineral Sites Site Name: Greave Colliery Location: Greave, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25788 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SE (E)	760	1	387810 423495
278	BGS Recorded Mineral Sites Site Name: Flowers Farm Occs Location: Higher Change, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166487 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Upper Mountain Coal (South Lancashire) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	876	1	387846 423914
279	BGS Recorded Mineral Sites Site Name: Coal Pit Clough Mine Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 166521 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Lower Mountain Coal (South Lancashire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	877	1	386264 423994

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Bankside Location: Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25809 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	878	1	386750 422695
281	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Broad Clough Location: Broad Clough, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 93685 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Darwen Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	882	1	387514 424309
282	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Hoyle Hey Location: Greave, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25785 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	885	1	387770 423025
283	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Change Location: Higher Change, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25790 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Great Arc Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	904	1	387955 423565
284	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mow Graine Quarry Location: Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25810 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Ganister Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	920	1	386225 423070
285	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Higher Change Location: Higher Change, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25792 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Darwen Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	921	1	387845 424015

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
286	BGS Recorded Mineral Sites Site Name: Change Colliery Location: Higher Change, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25793 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NE (E)	938	1	387975 423705
287	BGS Recorded Mineral Sites Site Name: Bankside Location: Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 10123 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SW (S)	966	1	386725 422610
288	BGS Recorded Mineral Sites Site Name: Slack Gate Location: Greave, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25500 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	978	1	387705 422815
289	BGS Recorded Mineral Sites Site Name: Oaken Clough Colliery Location: Greave, Bacup, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 25784 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	988	1	387960 423155
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SE (E)	0	7	387035 423545
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (E)	0	-	387035 423545
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	387035 423545
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	387035 423545

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	387035 423545
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	387035 423545
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	24	1	387009 423516
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	206	1	386810 423538
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	234	1	387219 423717
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	387035 423545
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	87	1	386940 423498
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	387035 423545
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	108	1	387124 423635
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	127	1	386892 423571
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	209	1	387026 423317
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	387035 423545
	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	A13SE (E)	0	1	387035 423545

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
290	Contemporary Trade Directory Entries Name: Stelynn Haulage Contractor Ltd Location: 30, WINDERMERE ROAD, BACUP, OL13 9DN Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (E)	87	-	387133 423572
291	Contemporary Trade Directory Entries Name: Clean & Dry Location: 29, Moorside Crescent, Bacup, Lancashire, OL13 9HY Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	277	-	387326 423513
292	Contemporary Trade Directory Entries Name: Graham Steele Location: Christchurch St, Bacup, Lancashire, OL13 9DZ Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	347	-	387324 423328
293	Contemporary Trade Directory Entries Name: Ellidge & Fairley Ltd Location: Unit C-d, Beech Industrial Estate, Vale Street, Bacup, OL13 9EL Classification: Catering Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	349	-	387140 423194
294	Contemporary Trade Directory Entries Name: Halliday Healthcare Ltd Location: Unit 1/3, Meadows Mill, Burnley Road, Bacup, Lancashire, OL13 8BZ Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	357	-	386707 423721
294	Contemporary Trade Directory Entries Name: Glen Castings Ltd Location: Meadows Mill, Burnley Road, Bacup, Lancashire, OL13 8BZ Classification: Die-Casting Equipment & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	383	-	386705 423766
294	Contemporary Trade Directory Entries Name: Glen Castings Location: Meadows Mill, Burnley Road, Bacup, Lancashire, OL13 8BZ Classification: Tungsten Tool Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	383	-	386705 423766
294	Contemporary Trade Directory Entries Name: Glen Castings Ltd Location: Meadows Mill, Burnley Road, Bacup, Lancashire, OL13 8BZ Classification: Foundries Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	383	-	386705 423766
294	Contemporary Trade Directory Entries Name: Glen Castings Jardine Leisure Location: Meadows Mill, Burnley Road, BACUP, Lancashire, OL13 8BZ Classification: Garden & Patio Furniture Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	383	-	386705 423766
295	Contemporary Trade Directory Entries Name: The Washbowl Location: 1, Higher Cross Row, Bacup, Lancashire, OL13 9BZ Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	357	-	386866 423210
295	Contemporary Trade Directory Entries Name: E L C M S Location: 46, Lanehead Lane, Bacup, Lancashire, OL13 9BT Classification: Caravans - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	381	-	386826 423207
296	Contemporary Trade Directory Entries Name: Rossendale Classic & Performance Location: Albion Works, Albion Street, Bacup, OL13 9EQ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	359	-	387265 423252

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
297	Contemporary Trade Directory Entries Name: Bacup Coating Co Ltd Location: Unit L,Beech Ind Est,Vale St, Bacup, Lancashire, OL13 9EL Classification: Plastics - Coating Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	360	-	387189 423202
297	Contemporary Trade Directory Entries Name: P M P Engineering Services Ltd Location: Unit J, Beech Industrial Estate, Vale Street, BACUP, Lancashire, OL13 9EL Classification: Engineering Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NE (SE)	371	-	387186 423188
297	Contemporary Trade Directory Entries Name: Q Tex Location: Unit H, Beech Industrial Estate, Vale Street, Bacup, Lancashire, OL13 9EL Classification: Lamination & Encapsulation Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A8NE (SE)	372	-	387197 423192
297	Contemporary Trade Directory Entries Name: C C D Ventilation Ltd Location: Beech Industrial Estate,Vale Street, Bacup, Lancashire, OL13 9EL Classification: Ventilators & Ventilation Systems Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	376	-	387228 423205
298	Contemporary Trade Directory Entries Name: Clean & Dry Location: 6, Rosemount, Bacup, Lancashire, OL13 9HG Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	366	-	387417 423549
299	Contemporary Trade Directory Entries Name: Axon Motorhomes Location: UNIT L, BEECH INDUSTRIAL ESTATE, VALE STREET, BACUP, OL13 9EL Classification: Caravan Dealers & Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	375	-	387200 423190
299	Contemporary Trade Directory Entries Name: Axon Motorhomes Location: Unit J, Beech Industrial Estate, Vale Street, Bacup, OL13 9EL Classification: Caravan Dealers & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	417	-	387224 423156
299	Contemporary Trade Directory Entries Name: P C Tyres & Exhaust Location: Unit J, Beech Industrial Estate, Vale Street, Bacup, Lancashire, OL13 9EL Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	421	-	387232 423155
299	Contemporary Trade Directory Entries Name: Vale Street Garage Location: Vale Street, Bacup, Lancashire, OL13 9EJ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	422	-	387244 423161
300	Contemporary Trade Directory Entries Name: Shell Gem Bacup Location: Burnley Road, Bacup, Lancashire, OL13 8AE Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	378	-	386669 423391
301	Contemporary Trade Directory Entries Name: Crafted Sofa Company Location: Waterside Mill,55 Burnley Road, Bacup, Lancashire, OL13 8AW Classification: Seating Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	388	-	386749 423259
301	Contemporary Trade Directory Entries Name: Allens Motors Ltd Location: Burnley Road, Bacup, OL13 8AE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	404	-	386714 423273

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
301	Contemporary Trade Directory Entries Name: Shell Service Station Location: BURNLEY ROAD, BACUP, OL13 8AE Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	412	-	386706 423270
301	Contemporary Trade Directory Entries Name: Rossendale Pvc Systems Location: Unit 1, Alderside Mill, Alder Street, Bacup, OL13 8BG Classification: PVC-U Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	424	-	386694 423265
302	Contemporary Trade Directory Entries Name: Pennine Location: Tong La, Bacup, Lancashire, OL13 9HN Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	390	-	387042 423136
303	Contemporary Trade Directory Entries Name: Valley Auto Care Location: Unit 2, Albion Works, Albion Street, Bacup, OL13 9EQ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	409	-	387288 423206
304	Contemporary Trade Directory Entries Name: By Way Miller Location: Grove Mill, Todmorden Road, Bacup, Lancashire, OL13 9EF Classification: Bottling Machinery & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	410	-	387346 423256
304	Contemporary Trade Directory Entries Name: Orthoplastics Location: Grove Mill, Todmorden Road, Bacup, Lancashire, OL13 9EF Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	410	-	387346 423256
305	Contemporary Trade Directory Entries Name: Beta Group Location: Underbank Mill, Burnley Road, Bacup, OL13 8AQ Classification: Filter Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	438	-	386754 423188
305	Contemporary Trade Directory Entries Name: Beta Group Ltd Location: Underbank Mill, Burnley Road, Bacup, OL13 8AQ Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	438	-	386754 423188
306	Contemporary Trade Directory Entries Name: E Sutton Location: BACUP, Lancashire, OL13 0DT Classification: Footwear - Manufacturers and Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	508	-	386803 423073
306	Contemporary Trade Directory Entries Name: Jay-Bill Ltd Location: Riverside, New Church Road, Bacup, Lancashire, OL13 0DT Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NW (SW)	508	-	386803 423073
306	Contemporary Trade Directory Entries Name: E P Asphalts Location: King Georges Chambers, St. James Square, Bacup, Lancashire, OL13 9AA Classification: Asphalt & Macadam Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	540	-	386820 423030
307	Contemporary Trade Directory Entries Name: Bacup Hardware Supplies Location: 11, Yorkshire Street, Bacup, Lancashire, OL13 9AE Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	515	-	386887 423032

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
307	Contemporary Trade Directory Entries Name: R H F Furniture Location: Bacup, Lancashire, OL13 9aw Classification: Seating Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NW (S)	531	-	386927 423006
308	Contemporary Trade Directory Entries Name: South Street Garage Location: 2, South Street, Bacup, Lancashire, OL13 9AP Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	518	-	387034 423008
309	Contemporary Trade Directory Entries Name: Glamat Location: Burnley Rd, Bacup, Lancashire, OL13 8PA Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	529	-	386677 423948
310	Contemporary Trade Directory Entries Name: Heritage Kitchen Range Of Preserves Location: 26 Burnley Road, Bacup, Lancashire, OL13 8AB Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	534	-	386753 423071
311	Contemporary Trade Directory Entries Name: Bacup Tyres Location: 2, South Street, Bacup, Lancashire, OL13 9AP Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	558	-	386970 422972
312	Contemporary Trade Directory Entries Name: Universal Cleaners Location: 17-19, St. James Square, BACUP, Lancashire, OL13 9NH Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	563	-	386853 422993
312	Contemporary Trade Directory Entries Name: J D Discounts Location: 9, St. James Street, Bacup, OL13 9NJ Classification: Hardware Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	579	-	386884 422966
312	Contemporary Trade Directory Entries Name: Rossendale Office & Computer Supplies Location: 9, St. James Street, Bacup, Lancashire, OL13 9NJ Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	579	-	386884 422967
312	Contemporary Trade Directory Entries Name: G & J Domestic Location: 13, St. James Street, Bacup, Lancashire, OL13 9NJ Classification: Vacuum Cleaners - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	587	-	386889 422957
313	Contemporary Trade Directory Entries Name: Glamat Location: Broadclough Hall, Burnley Road, Bacup, OL13 8PA Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	563	-	386609 423931
314	Contemporary Trade Directory Entries Name: Mole Patrol Location: Bull Hall, Todmorden Rd, Bacup, Lancashire, OL13 9TY Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	579	-	387630 423560
315	Contemporary Trade Directory Entries Name: Dirty Devils Location: 21, Alma Street, Bacup, Lancashire, OL13 9JA Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	588	-	387063 422939

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
316	Contemporary Trade Directory Entries Name: Impact Polymers Ltd Location: 16, Greave Fold, Bacup, Lancashire, OL13 9EY Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	593	-	387625 423391
317	Contemporary Trade Directory Entries Name: Greenbank Cleaning Services Location: 1, Alma Street, Bacup, OL13 9JA Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	621	-	387006 422906
318	Contemporary Trade Directory Entries Name: Heat On Services Location: Brow Top Farm, Old Meadows Road, Bacup, Lancashire, OL13 8PX Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	630	-	386969 424190
319	Contemporary Trade Directory Entries Name: Chesterfield Manufacturing Ltd Location: UNIT 1, BROADCLOUGH MILL, BURNLEY ROAD, BACUP, OL13 8PJ Classification: Homefurnishings - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	634	-	386694 424094
319	Contemporary Trade Directory Entries Name: A F S Rotel Ltd Location: Unit 1, Broadclough Mill, Burnley Road, Bacup, OL13 8PJ Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	634	-	386694 424094
319	Contemporary Trade Directory Entries Name: Valley Sheet Metal North West Ltd Location: Broadclough Mill, Burnley Road, BACUP, Lancashire, OL13 8PJ Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (NW)	635	-	386708 424104
320	Contemporary Trade Directory Entries Name: Brookes Studio Location: 3, Lord Street, Bacup, Lancashire, OL13 8HE Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	637	-	386788 422938
321	Contemporary Trade Directory Entries Name: The Ironing Basket Location: 9, Union Street, Bacup, OL13 0AA Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	638	-	386874 422908
321	Contemporary Trade Directory Entries Name: Jane'S Ironing Service Location: 8, Union Street, Bacup, Lancashire, OL13 0AA Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	657	-	386882 422886
322	Contemporary Trade Directory Entries Name: Canovi Onsite Spraying Location: 5-6, COAL PIT LANE, BACUP, OL13 9HA Classification: Spraying - Paint & Coatings Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	643	-	387686 423440
323	Contemporary Trade Directory Entries Name: Wishes Galore Location: 4, Rochdale Road, Bacup, Lancashire, OL13 9NZ Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	645	-	386951 422887
324	Contemporary Trade Directory Entries Name: Millies Munchies Location: 8, Oakencrough Road, Bacup, OL13 9ET Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	654	-	387687 423389

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
325	<p>Contemporary Trade Directory Entries</p> <p>Name: J R T Plastics Location: Broadclough Mill West Penine Business Park, Burnley Road, Bacup, Lancashire, OL13 8PJ Classification: Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18SW (NW)	662	-	386739 424153
326	<p>Contemporary Trade Directory Entries</p> <p>Name: Derek De'Ath & Co Location: 29, Market Street, Bacup, Lancashire, OL13 0AJ Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	677	-	386808 422888
327	<p>Contemporary Trade Directory Entries</p> <p>Name: The Sun Lounge Location: 9-11, King Street, Bacup, Lancashire, OL13 0AH Classification: Printers Textile Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	685	-	386865 422862
327	<p>Contemporary Trade Directory Entries</p> <p>Name: Fairsign Fabrics Location: 18, King Street, Bacup, Lancashire, OL13 0AH Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	720	-	386848 422830
327	<p>Contemporary Trade Directory Entries</p> <p>Name: Imogen Alexia Location: 49, Market Street, Bacup, OL13 0AJ Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	725	-	386813 422835
328	<p>Contemporary Trade Directory Entries</p> <p>Name: Priory Polishes Location: 11, Gladstone Street, Bacup, Lancashire, OL13 9JN Classification: Floor Cleaning & Polishing Equipment - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	694	-	387164 422844
329	<p>Contemporary Trade Directory Entries</p> <p>Name: Clean & Green Location: 19, Industrial Street, Bacup, Lancashire, OL13 9JJ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	733	-	387086 422795
330	<p>Contemporary Trade Directory Entries</p> <p>Name: Dial A Daily Location: 20, Pendle Close, Bacup, Lancashire, OL13 9JT Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	736	-	387273 422831
331	<p>Contemporary Trade Directory Entries</p> <p>Name: Boxshop Uk Location: 71, Tong Lane, Bacup, Lancashire, OL13 9LH Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	738	-	387493 422950
332	<p>Contemporary Trade Directory Entries</p> <p>Name: James Hargreaves (Bacup) Ltd Location: Irwell Mill, Lee Street, Bacup, Lancashire, OL13 0AG Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	755	-	386889 422785
333	<p>Contemporary Trade Directory Entries</p> <p>Name: S Hayhurst Mole & Wasp Control Location: 10, Britannia Avenue, Bacup, OL13 9JS Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	794	-	387308 422781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
334	Contemporary Trade Directory Entries Name: J M Ashworth Waste Ltd Location: Warcock Farm, Warcock Lane, Bacup, Lancashire, OL13 9ES Classification: Waste Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	823	-	387755 423115
335	Contemporary Trade Directory Entries Name: B Ackerley Location: Unit 4, Henrietta Street, Bacup, Lancashire, OL13 0AR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	833	-	386881 422707
335	Contemporary Trade Directory Entries Name: Radical Forgings Emd Location: Unit 5, Henrietta Street, Bacup, Lancashire, OL13 0AR Classification: Blacksmiths & Forgemasters Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	839	-	386880 422701
335	Contemporary Trade Directory Entries Name: Radical Forging Ltd Location: Unit 3, Henrietta Street, Bacup, Lancashire, OL13 0AR Classification: Blacksmiths & Forgemasters Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	842	-	386851 422704
335	Contemporary Trade Directory Entries Name: Radical Forgings Location: Unit 3, Henrietta Street, Bacup, Lancashire, OL13 0AR Classification: Blacksmiths & Forgemasters Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	842	-	386851 422704
335	Contemporary Trade Directory Entries Name: Hodgson & Davies Ltd Location: Unit 8, Henrietta Street, Bacup, Lancashire, OL13 0AR Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	845	-	386881 422695
335	Contemporary Trade Directory Entries Name: Coras Footwear Location: Unit 2, Henrietta Street, Bacup, Lancashire, OL13 0AR Classification: Footwear Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	847	-	386852 422698
335	Contemporary Trade Directory Entries Name: Thomas P M Location: Unit 8, Henrietta St, Bacup, Lancashire, OL13 0AR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	854	-	386880 422686
336	Contemporary Trade Directory Entries Name: Broadclough Trading Ltd Location: Broadclough Farm, Burnley Road, BACUP, Lancashire, OL13 8PS Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	861	-	386843 424402
336	Contemporary Trade Directory Entries Name: Broad Colough Ltd Location: Burnley Road, Bacup, Lancashire, OL13 8PS Classification: Textile Manufacturing Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	861	-	386843 424402
337	Contemporary Trade Directory Entries Name: Valley Refrigeration & Shopfitting Location: Valley Refrigeration, Forest Mill, Henrietta Street, Bacup, OL13 0AR Classification: Refrigeration Equipment - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	888	-	386895 422649
338	Contemporary Trade Directory Entries Name: Wheel Smart Location: 24, Maden Road, Bacup, Lancashire, OL13 8HY Classification: Alloys Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	928	-	386481 422781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
339	Contemporary Trade Directory Entries Name: Stag & Wolfe Natural Cosmetics Location: 51, Rochdale Road, Bacup, Lancashire, OL13 9NR Classification: Cosmetic Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	961	-	386982 422566
340	Contemporary Trade Directory Entries Name: Timeless Reproductions Location: Unit 5, Throstle Mill, Market Street, Bacup, Lancashire, OL13 0AS Classification: Homefurnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	989	-	386868 422551
340	Contemporary Trade Directory Entries Name: John Maden & Son Ltd Location: Market Street, Bacup, Lancashire, OL13 0AU Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	989	-	386868 422551
340	Contemporary Trade Directory Entries Name: Handcrafted Fire Surrounds Location: Unit 4, Throstle Mill, Market Street, Bacup, Lancashire, OL13 0AS Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	989	-	386868 422551
340	Contemporary Trade Directory Entries Name: Total Frames Of Rossendale Location: Throstle Mill, Market St, Bacup, Lancashire, OL13 0AS Classification: PVC-U Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	990	-	386868 422550
341	Fuel Station Entries Name: Gem Bacup Location: Burnley Road , , Bacup, Lancashire, OL13 8AG Brand: Shell Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	379	-	386669 423389
342	Fuel Station Entries Name: Allens Motors (Bacup) Ltd Location: Burnley Road , , Bacup, Lancashire, OL13 8DB Brand: Unbranded Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	420	-	386714 423249
343	Points of Interest - Commercial Services Name: New Forge Location: 35 Cooper Street, Bacup, OL13 8DZ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13SW (W)	179	8	386837 423536
344	Points of Interest - Commercial Services Name: Halliday Healthcare Location: Meadows Mill, Burnley Road, Bacup, OL13 8BZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	355	8	386707 423717
344	Points of Interest - Commercial Services Name: Halliday Healthcare Ltd Location: Unit 1/3 Meadows Mill, Burnley Road, Bacup, OL13 8BZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (NW)	357	8	386707 423721
345	Points of Interest - Commercial Services Name: Pennine Forge Ltd Location: Unit G-h Beech Industrial Estate, Vale Street, Bacup, OL13 9EL Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A8NE (SE)	359	8	387190 423203

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
345	Points of Interest - Commercial Services Name: Pennine Forge Ltd Location: Unit L Beech Industrial Estate, Vale Street, Bacup, OL13 9EL Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A8NE (SE)	375	8	387202 423192
345	Points of Interest - Commercial Services Name: Valley Auto Care Location: Unit 2 Albion Works, Albion Street, Bacup, OL13 9EQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	409	8	387288 423206
345	Points of Interest - Commercial Services Name: Vale Street Garage Location: Beech Industrial Estate, Vale Street, Bacup, OL13 9EL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	419	8	387247 423166
345	Points of Interest - Commercial Services Name: Vale Street Garage Location: Vale Street, Bacup, OL13 9EJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	422	8	387244 423161
346	Points of Interest - Commercial Services Name: Rossendale Classic & Performance Location: Unit 3 Albion Works, Albion Street, Bacup, OL13 9EQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	359	8	387265 423252
347	Points of Interest - Commercial Services Name: Allens Motors Ltd Location: Burnley Road, Bacup, OL13 8AE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	404	8	386714 423273
347	Points of Interest - Commercial Services Name: Adrian Mobile Valets Location: 1 Birch Street, Bacup, OL13 8BQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (SW)	476	8	386666 423218
347	Points of Interest - Commercial Services Name: Northwest Coach & Bus Windscreens Location: 11 Birch Street, Bacup, OL13 8BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	491	8	386644 423220
348	Points of Interest - Commercial Services Name: South Street Garage Location: 2 South Street, Bacup, OL13 9AP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	518	8	387034 423008
348	Points of Interest - Commercial Services Name: South Street Garage Location: 2 South Street, Bacup, OL13 9AP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	558	8	386970 422972
349	Points of Interest - Commercial Services Name: Mole Patrol Location: Bull Hall, Todmorden Road, Bacup, Lancashire, OL13 9TY Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A14NW (E)	573	8	387624 423557
350	Points of Interest - Commercial Services Name: Valley Sheet Metal North West Ltd Location: Broadclough Mill, Burnley Road, Bacup, OL13 8PJ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A17SE (NW)	634	8	386694 424094

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
350	Points of Interest - Commercial Services Name: Valley Sheet Metal Ltd Location: West Pennine Business Park, Burnley Road, Bacup, OL13 8PJ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18SW (NW)	635	8	386708 424104
351	Points of Interest - Commercial Services Name: C P F International Logistics Ltd Location: 128 Todmorden Road, Bacup, OL13 9TZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	791	8	387825 423703
352	Points of Interest - Commercial Services Name: S Hayhurst Mole & Wasp Control Location: 10 Britannia Avenue, Bacup, OL13 9JS Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A8SE (S)	794	8	387308 422781
353	Points of Interest - Commercial Services Name: Radical Forging Ltd Location: Unit 3, Henrietta Street, Bacup, OL13 0AR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A8SW (S)	842	8	386851 422704
353	Points of Interest - Commercial Services Name: Radical Forgings Location: Unit 3, Henrietta Street, Bacup, OL13 0AR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A8SW (S)	842	8	386851 422704
353	Points of Interest - Commercial Services Name: Pc's Vehicle Care Tyre Fitting Repair Location: Unit 9, Henrietta Street, Bacup, OL13 0AR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	858	8	386880 422681
354	Points of Interest - Commercial Services Name: G M L Auto Services Location: 1 Queen Street, Bacup, OL13 0AX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	985	8	386827 422563
355	Points of Interest - Manufacturing and Production Name: Beech Industrial Estate Location: OL13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	343	8	387182 423217
355	Points of Interest - Manufacturing and Production Name: Beech Industrial Estate Location: OL13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	359	8	387188 423202
356	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	351	8	386709 423713
356	Points of Interest - Manufacturing and Production Name: Specialised Yorkstone Supplies Location: Unit 1, Burnley Road, Bacup, OL13 8RQ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13NW (NW)	353	8	386707 423712
356	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	354	8	386706 423712

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
357	Points of Interest - Manufacturing and Production Name: Albion Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	392	8	387281 423223
358	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	423	8	386753 423209
358	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	426	8	386750 423208
358	Points of Interest - Manufacturing and Production Name: Beta Group Ltd Location: Underbank Mill, Burnley Road, Bacup, OL13 8AQ Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A8NW (SW)	438	8	386754 423188
358	Points of Interest - Manufacturing and Production Name: Underbank Mill Location: Unit 3 Underbank Mill, Burnley Road, Bacup, OL13 8AQ Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A8NW (SW)	439	8	386754 423188
358	Points of Interest - Manufacturing and Production Name: Underbank Mill Location: Underbank Mill, Burnley Road, Bacup, OL13 8AQ Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A8NW (SW)	440	8	386753 423187
359	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	469	8	386801 423966
359	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	518	8	386817 424031
360	Points of Interest - Manufacturing and Production Name: Cross Farm Location: Holmes Barn Farm, Mill Street, Bacup, OL13 8NS Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A12SE (W)	588	8	386451 423378
361	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	628	8	386709 424097
361	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17SE (NW)	635	8	386693 424095
362	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8NW (S)	632	8	386999 422895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
362	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	638	8	387004 422889
362	Points of Interest - Manufacturing and Production Name: Wks Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	638	8	387004 422889
363	Points of Interest - Manufacturing and Production Name: Tank Location: OL13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	737	8	386584 422942
364	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	764	8	386785 424284
364	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NW (N)	768	8	386789 424289
365	Points of Interest - Manufacturing and Production Name: Henrietta Street Industrial Estate Location: OL13 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	848	8	386868 422694
366	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	909	8	386874 422631
366	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	910	8	386871 422630
366	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8SW (S)	953	8	386835 422594
366	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	954	8	386835 422593
366	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	956	8	386853 422587
366	Points of Interest - Manufacturing and Production Name: Works Location: OL13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8SW (S)	958	8	386853 422585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
367	Points of Interest - Manufacturing and Production Name: Tong Quarry Ltd Location: Tong Farm, Tong Lane, Bacup, OL13 9XA Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A9SW (SE)	931	8	387686 422861
368	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	338	8	386679 423570
368	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	340	8	386677 423572
369	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: OL13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	347	8	386722 423727
370	Points of Interest - Public Infrastructure Name: Orchard Recycling Services Location: Orchard Garden Mill, Tong Lane, Bacup, OL13 9BB Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A8NE (S)	358	8	387109 423176
371	Points of Interest - Public Infrastructure Name: Shell Gem Bacup Location: Burnley Road, Bacup, OL13 8AE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (SW)	378	8	386669 423391
371	Points of Interest - Public Infrastructure Name: Gem Bacup Location: Burnley Road, Bacup, Lancashire, OL13 Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (SW)	379	8	386669 423389
372	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	378	8	386737 423286
372	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	382	8	386733 423285
372	Points of Interest - Public Infrastructure Name: Shell Service Station Location: Burnley Road, Bacup, OL13 8AE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	413	8	386705 423269
373	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	380	8	387265 423226
373	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	380	8	387268 423228

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
373	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	420	8	387350 423246
373	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	421	8	387352 423247
373	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	430	8	387359 423241
373	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	433	8	387362 423240
374	Points of Interest - Public Infrastructure Name: Sluice Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	470	8	386682 423872
374	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	498	8	386651 423880
374	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	499	8	386648 423879
374	Points of Interest - Public Infrastructure Name: Sluice Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	514	8	386697 423945
374	Points of Interest - Public Infrastructure Name: Weirs Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	524	8	386692 423955
374	Points of Interest - Public Infrastructure Name: Weirs Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	526	8	386688 423954
375	Points of Interest - Public Infrastructure Name: Graveyard Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	476	8	386862 423082
375	Points of Interest - Public Infrastructure Name: Graveyard Location: OL13 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	478	8	386857 423082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
376	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	527	8	387506 423275
376	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	529	8	387509 423276
376	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	535	8	387532 423307
376	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	548	8	387552 423320
376	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	550	8	387555 423321
376	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	566	8	387569 423312
376	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	569	8	387572 423313
376	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	571	8	387581 423328
377	Points of Interest - Public Infrastructure Name: Outfall Location: OL13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	536	8	386734 424003
377	Points of Interest - Public Infrastructure Name: Outfall Location: OL13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	540	8	386724 424001
378	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	678	8	386824 424206
378	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	684	8	386820 424211

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
379	Points of Interest - Public Infrastructure Name: Bacup Police Station Location: Bank Street, Bacup, OL13 8GZ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A8NW (SW)	680	8	386757 422905
380	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	754	8	387803 423595
380	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	758	8	387807 423597
381	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	798	8	387763 423182
381	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	800	8	387767 423184
382	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	851	8	387890 423684
382	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	879	8	387912 423720
383	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	944	8	386744 424460
384	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	950	8	386986 424512
384	Points of Interest - Public Infrastructure Name: Weir Location: OL13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	951	8	386982 424513
385	Points of Interest - Public Infrastructure Name: Slurry Bed Location: OL13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	967	8	387857 424083
385	Points of Interest - Public Infrastructure Name: Slurry Pit Location: OL13 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	977	8	387868 424085

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
386	Points of Interest - Recreational and Environmental Name: Playground Location: Gordon Street, OL13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NW (W)	305	8	386727 423641
386	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	307	8	386725 423639
387	Points of Interest - Recreational and Environmental Name: Playground Location: Rosendale Close, OL13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A9NW (SE)	622	8	387506 423117
387	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	627	8	387511 423116
388	Points of Interest - Recreational and Environmental Name: Playground Location: Hawthorn Road, OL13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A9NW (SE)	666	8	387409 422976
388	Points of Interest - Recreational and Environmental Name: Playground Location: Hawthorn Road, OL13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	735	8	387403 422891
389	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	692	8	387260 422872
389	Points of Interest - Recreational and Environmental Name: Playground Location: Thorn Drive, OL13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	693	8	387260 422871
390	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	738	8	387024 422788
390	Points of Interest - Recreational and Environmental Name: Playground Location: Central View, OL13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	739	8	387024 422787
391	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	922	8	387944 423771
391	Points of Interest - Recreational and Environmental Name: Playground Location: Todmorden Road, OL13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NE (E)	928	8	387950 423770

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Calderdale Metropolitan Borough Council - Environmental Health Rossendale Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Burnley Borough Council - Planning and Environment	June 2020 October 2017 October 2017 October 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - North East Region Environment Agency - North West Region	April 2023 April 2023	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region Environment Agency - North West Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - North East Region Environment Agency - North West Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - North East Region Environment Agency - North West Region	January 2023 January 2023	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Burnley Borough Council - Planning and Environment Calderdale Metropolitan Borough Council - Environmental Health	July 2014 May 2016 November 2014 October 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Burnley Borough Council - Planning and Environment Calderdale Metropolitan Borough Council - Environmental Health	July 2014 May 2016 November 2014 October 2014	Annual Rolling Update Annual Rolling Update Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Burnley Borough Council - Planning and Environment Calderdale Metropolitan Borough Council - Environmental Health	July 2014 May 2016 November 2014 October 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	May 2023	
Pollution Incidents to Controlled Waters Environment Agency - North East Region Environment Agency - North West Region	December 1998 January 2000	
Prosecutions Relating to Authorised Processes Environment Agency - North East Region Environment Agency - North West Region	July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North East Region Environment Agency - North West Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - North East Region Environment Agency - North West Region	June 2016 June 2016	As notified As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2023 April 2023 April 2023 April 2023 April 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - North East Region Environment Agency - North West Region	April 2023 April 2023	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - North East Region Environment Agency - North West Region	October 2017 October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2023	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified



Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	March 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region Environment Agency - North West Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	January 2023 January 2023 January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	January 2023 January 2023 January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Burnley Borough Council Calderdale Metropolitan Borough Council - Environmental Health Lancashire County Council - Waste Management Group Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Burnley Borough Council Calderdale Metropolitan Borough Council - Environmental Health Lancashire County Council - Waste Management Group Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2006 March 2006 March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2018 April 2018 April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	June 2015 June 2015 June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lancashire County Council Calderdale Metropolitan Borough Council Burnley Borough Council - Planning Services Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	April 2023 February 2016 May 2023 May 2023 May 2023	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Calderdale Metropolitan Borough Council Lancashire County Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department Burnley Borough Council - Planning Services	February 2016 February 2016 February 2016 February 2016 May 2023	Variable Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2023	Quarterly
Points of Interest - Education and Health PointX	June 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2023	Quarterly
Points of Interest - Public Infrastructure PointX	June 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt Burnley Borough Council Calderdale Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Burnley Borough Council Calderdale Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	July 2022 July 2022 July 2022 July 2022	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	March 2023	Bi-Annually
Marine Nature Reserves Natural England	April 2023	Bi-Annually
National Nature Reserves Natural England	February 2023	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
Ramsar Sites Natural England	March 2023	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2023	Bi-Annually
Special Areas of Conservation Natural England	April 2023	Bi-Annually
Special Protection Areas Natural England	April 2023	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Rossendale Borough Council - Environmental Health Department Town Hall, Rawtenstall, Rossendale, Lancashire, BB4 7LZ	Telephone: 01706 217777 Fax: 01706 224958 Website: www.rossendale.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Lancashire County Council - Waste Management Group Environment Directorate, Guild House, Cross Street, Preston, Lancashire, PR1 8RD	Website: www.lancashire.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Rossendale Borough Council - Planning Department Town Hall, Rawtenstall, Lancashire, BB4 7LZ	Telephone: 01706 217777 Fax: 01706 224958 Website: www.rossendale.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.

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	PEAT	Peat	Peat	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	GAS	Great Arc Sandstone	Sandstone	Not Supplied - Westphalian
	WH	Woodhead Hill Rock	Sandstone	Not Supplied - Westphalian
	IR	Inch Rock	Sandstone	Not Supplied - Westphalian
	HER	Helpet Edge Rock	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	DF	Darwen Flags	Sandstone	Not Supplied - Westphalian
	GNR	Ganister Rock	Sandstone	Not Supplied - Westphalian
	MLRS	Milnrow Sandstone	Sandstone	Not Supplied - Westphalian
	OL	Old Lawrence Rock	Sandstone	Not Supplied - Westphalian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	DK	Dyneley Knoll Flags	Sandstone	Not Supplied - Westphalian
	RR	Rough Rock	Sandstone	Not Supplied - Namurian
	ROSSE	Rosendale Formation	Mudstone and Siltstone	Not Supplied - Namurian
	UH	Upper Haslingden Flags	Sandstone	Not Supplied - Namurian
	LH	Lower Haslingden Flags	Sandstone	Not Supplied - Namurian
		Rock Segments		
		Faults		



Geology 1:50,000 Maps

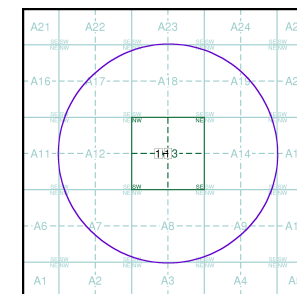
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	076
Map Name:	Rochdale
Map Date:	2008
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

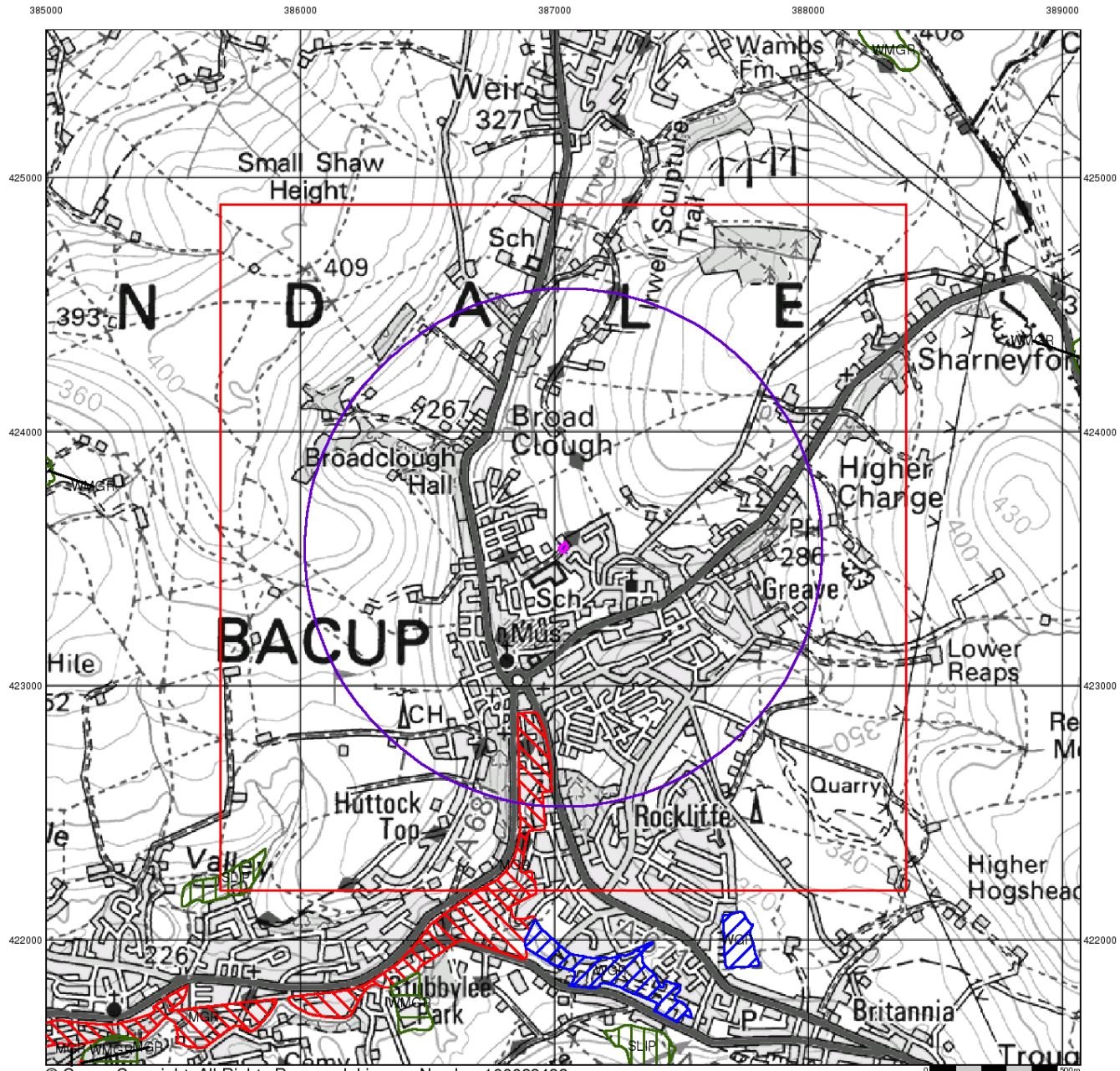
Order Number:	314871535_1_1
Customer Reference:	LKC 23 1451
National Grid Reference:	387030, 423540
Slice:	A
Site Area (Ha):	0.07
Search Buffer (m):	1000

Site Details:

Land of Pendle Avenue, Bacup, OL13 9DW



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



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Artificial Ground and Landslip

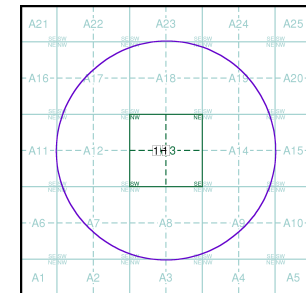
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

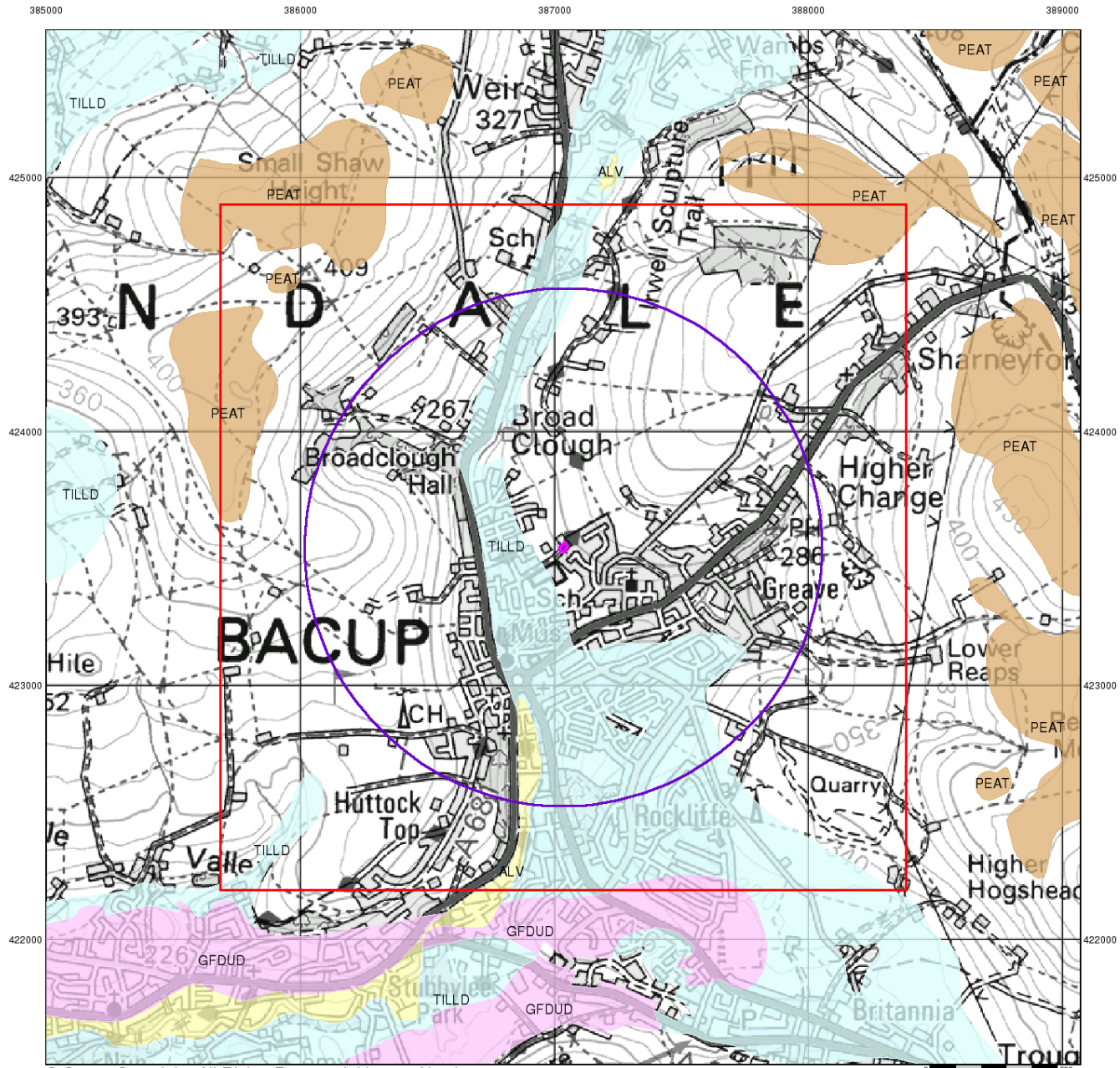
Order Number: 314871535_1_1
 Customer Reference: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details:

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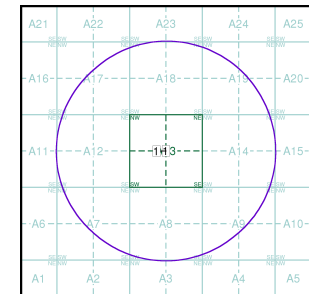
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

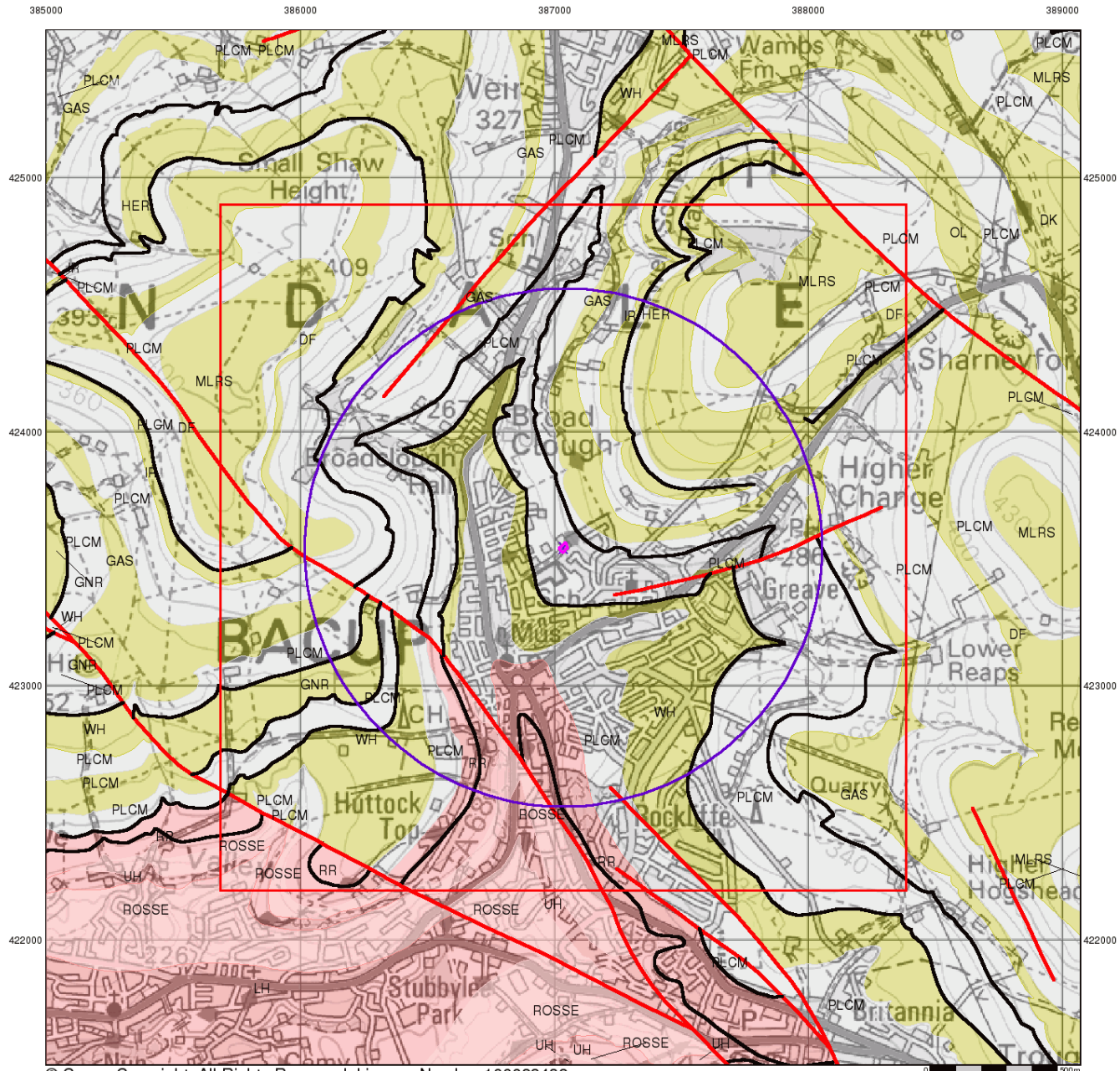
Order Number: 314871535_1_1
 Customer Reference: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details:

Land of Pendle Avenue, Bacup, OL13 9DW



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Bedrock and Faults

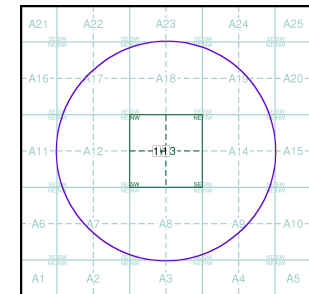
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

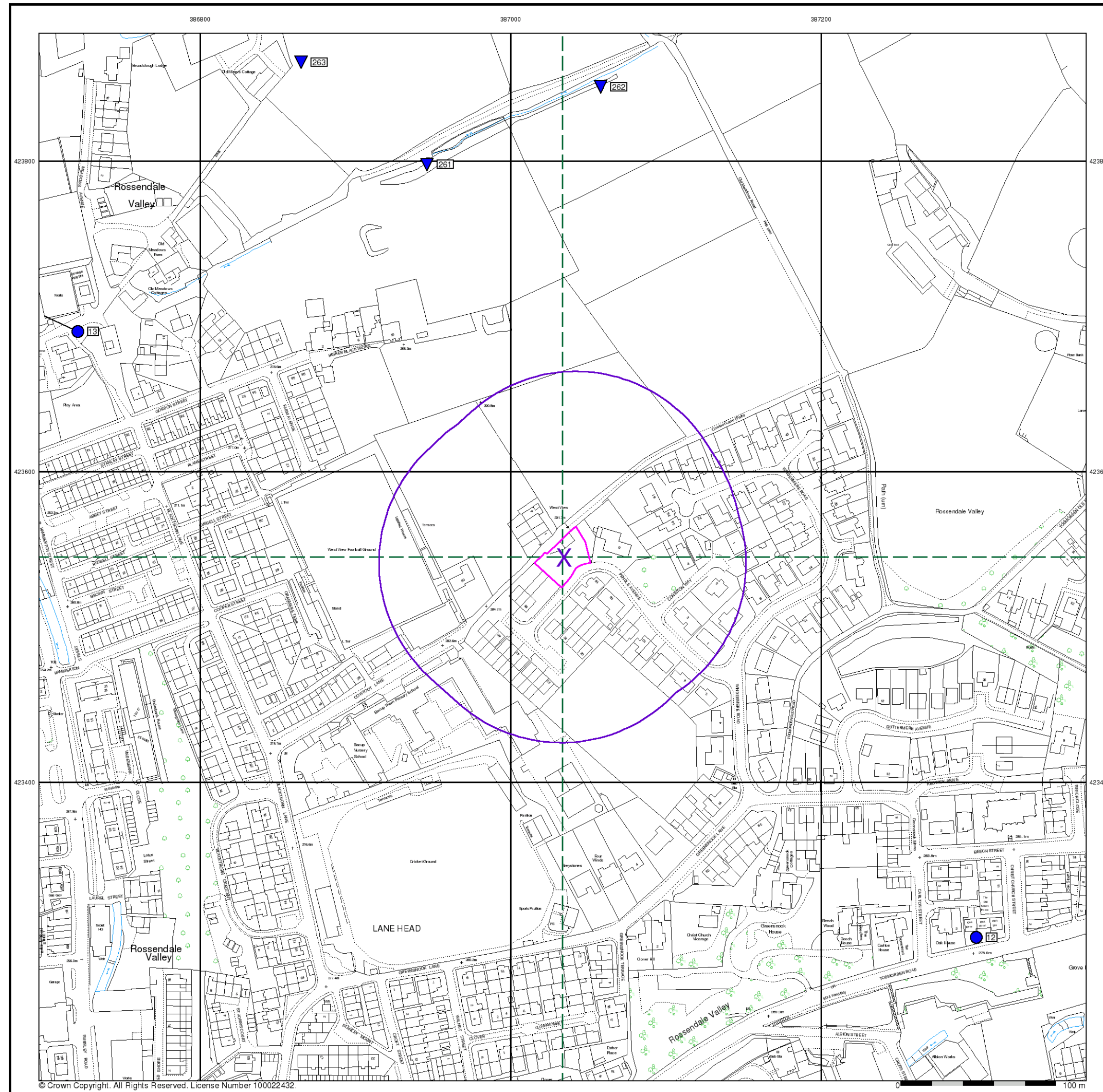
Order Number: 314871535_1_1
 Customer Reference: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details:

Land of Pendle Avenue, Bacup, OL13 9DW

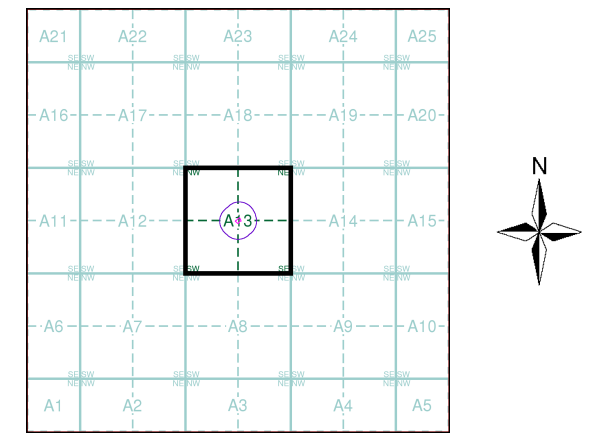


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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated 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: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Plot Buffer (m): 100

Site Details

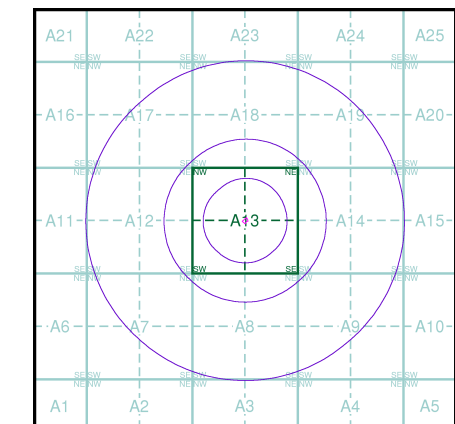
Land of Pendle Avenue, Bacup, OL13 9DW

Landmark
 INFORMATION GROUP

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

- 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
- 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 (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - 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
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A

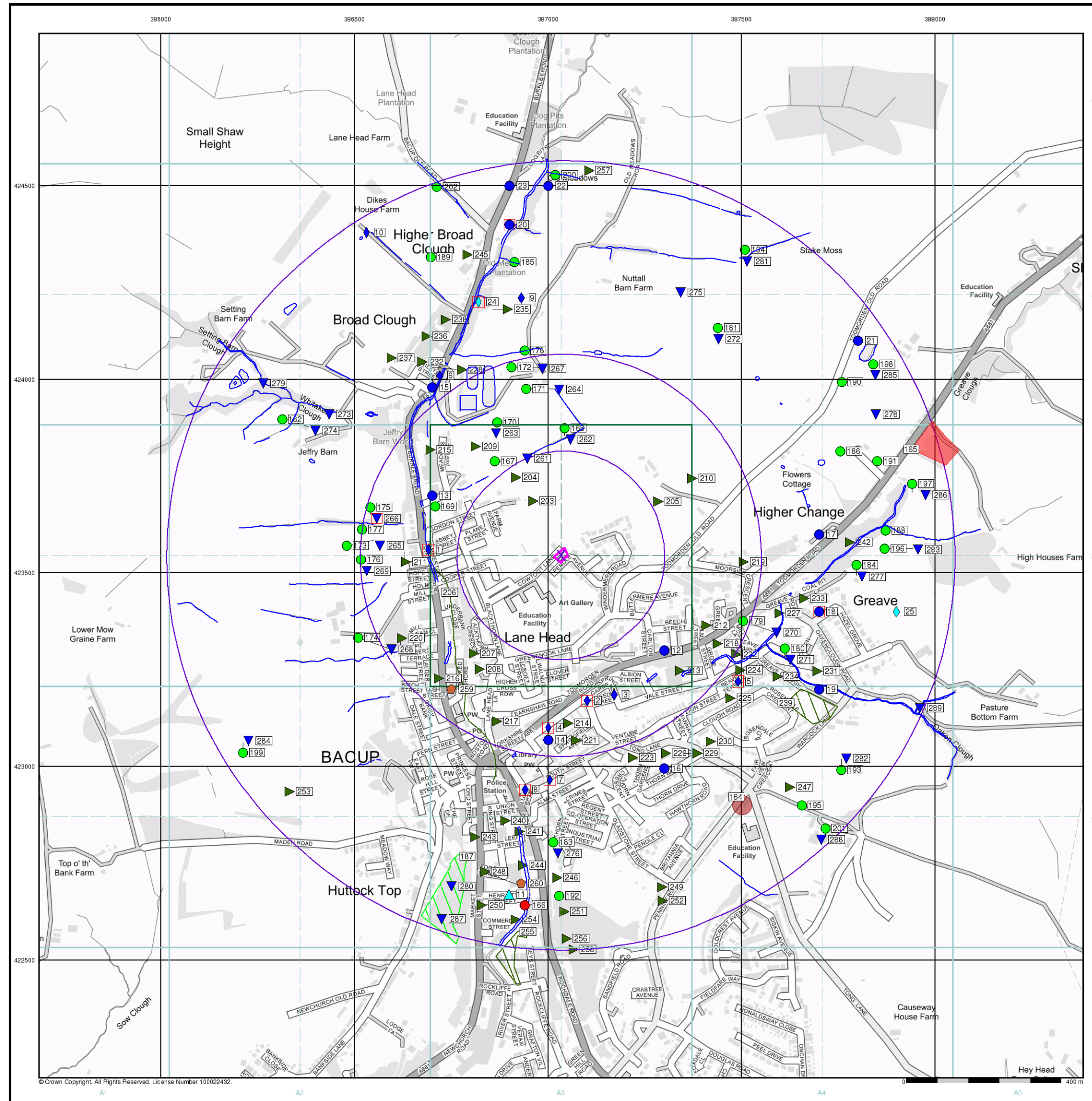


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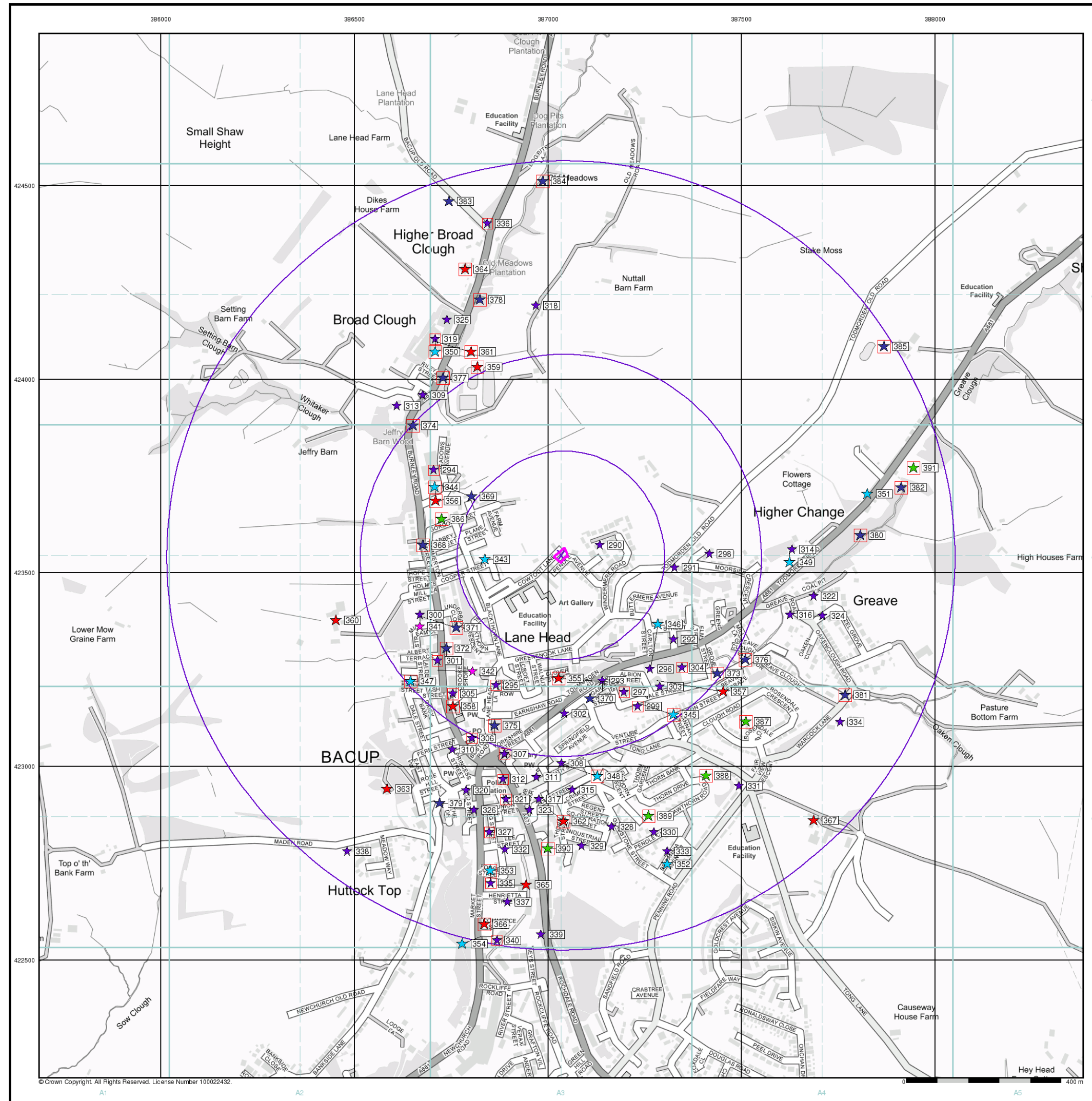
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 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW

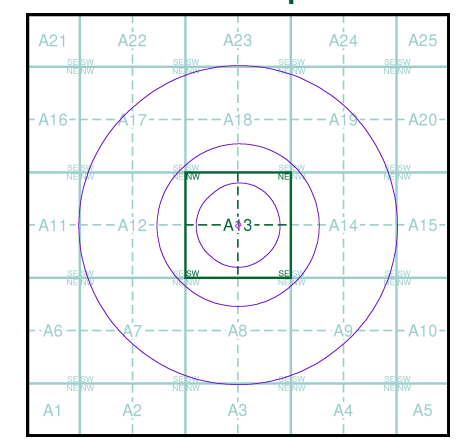


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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
 - Gas Pipeline
 - Points of Interest - Commercial Services
 - Points of Interest - Education and Health
 - Points of Interest - Manufacturing and Production
 - Points of Interest - Public Infrastructure
 - Points of Interest - Recreational and Environmental
 - Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details
 Land of Pendle Avenue, Bacup, OL13 9DW

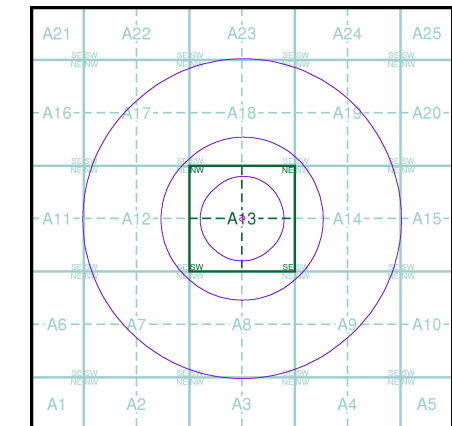
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A

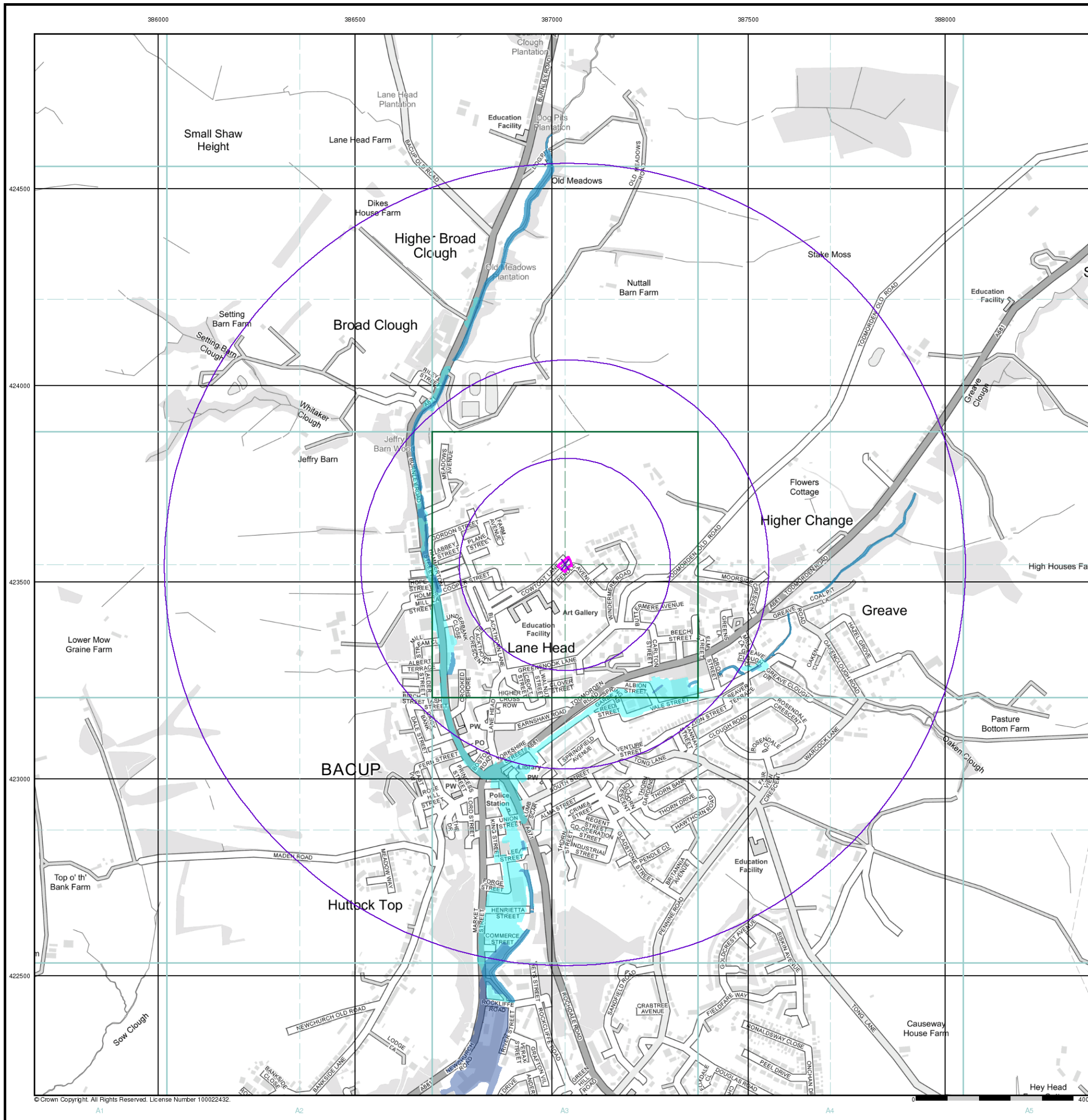


Order Details

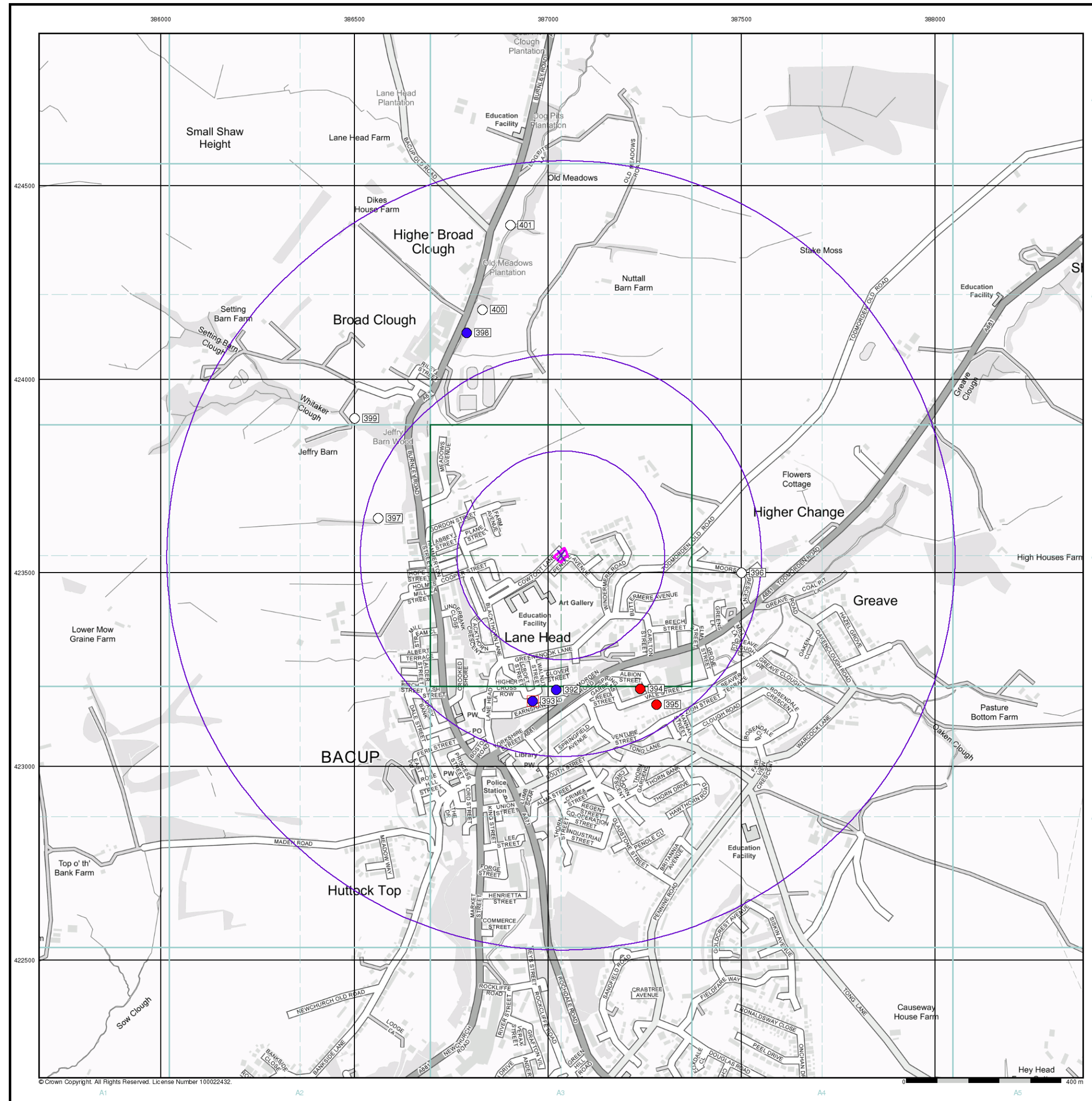
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 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



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General

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

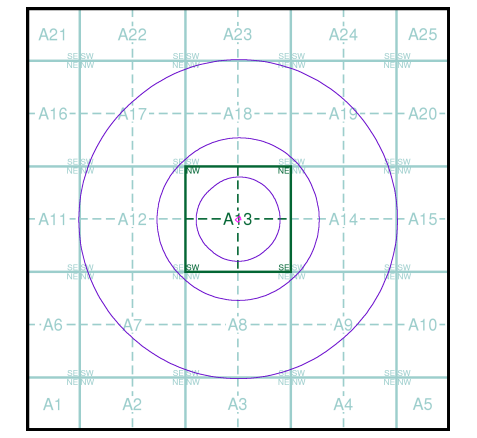
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

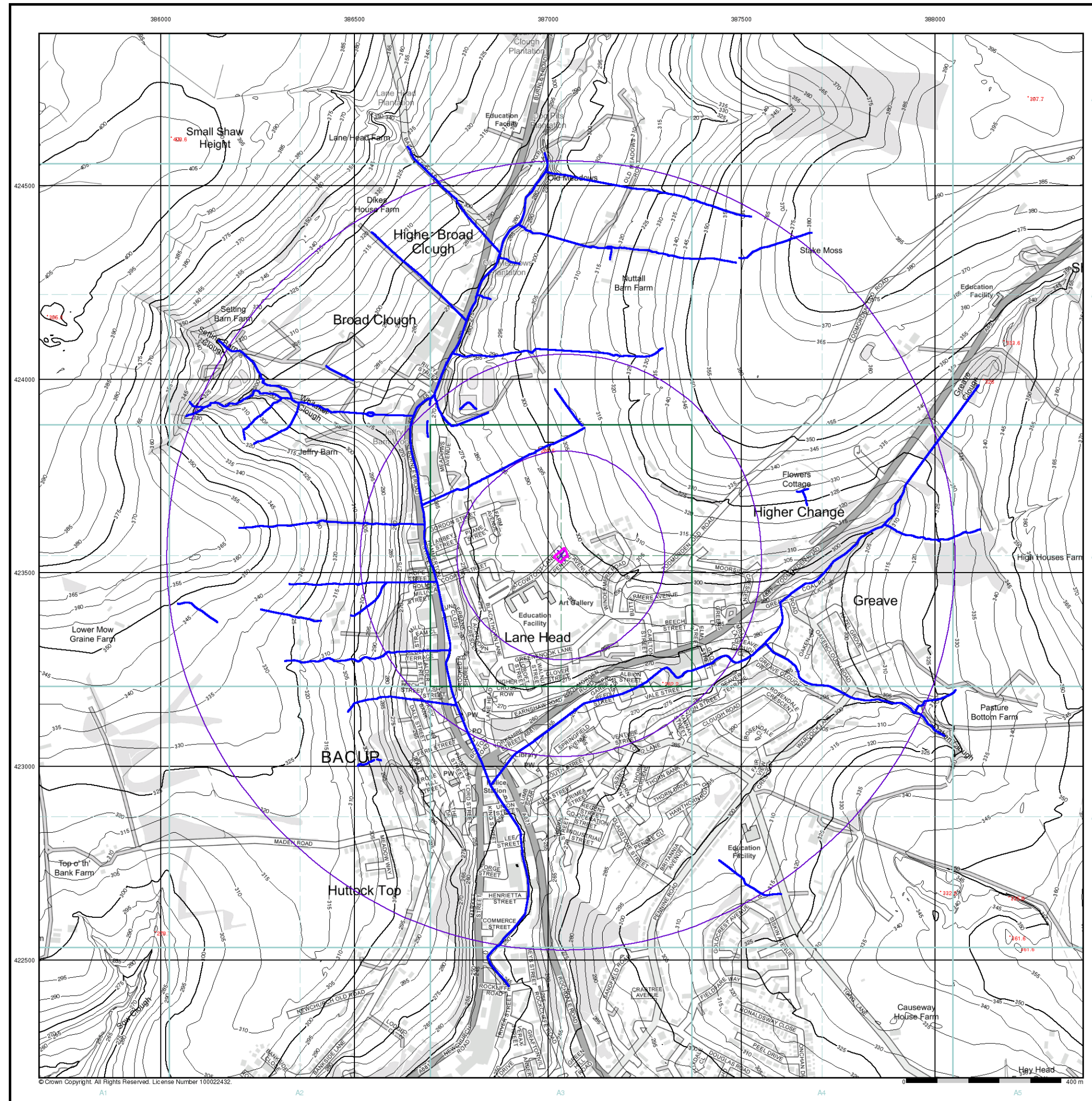
Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



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

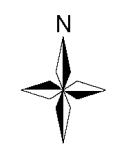
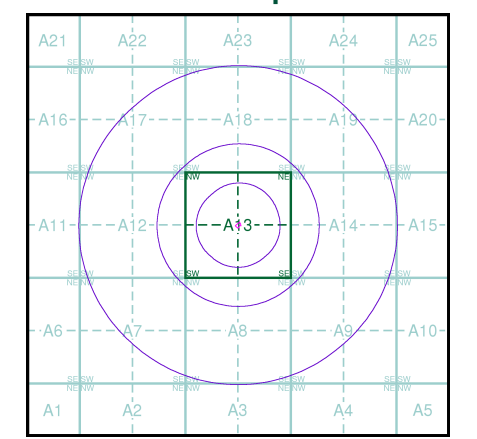


- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

- Contours (height in meters)**
- Standard Contour 105
 - Master Contour 100
 - Spot Height 167.3
 - MLW Mean Low Water
 - MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW

General

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

Risk of Flooding from Surface Water

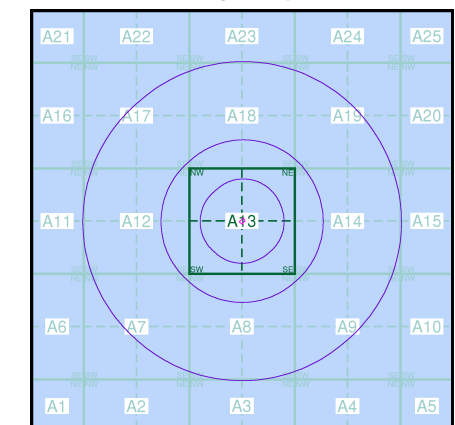
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EANRW Suitability Map - Slice A

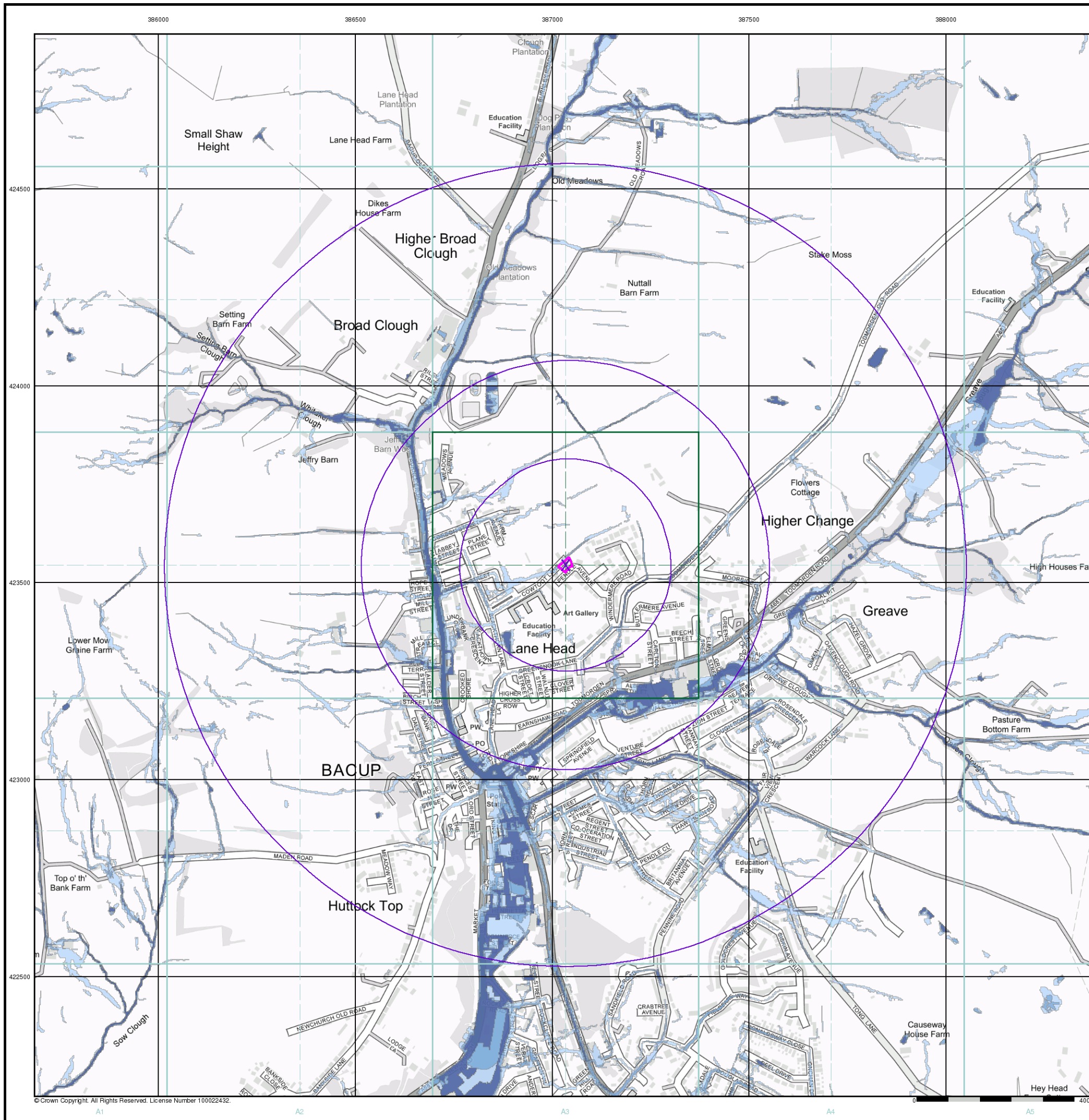


Order Details

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 Customer Ref: LKC 23 1451
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 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



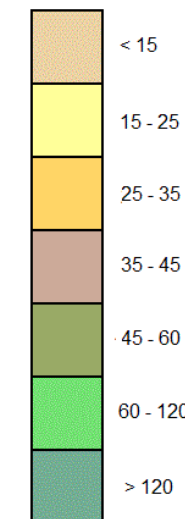
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General

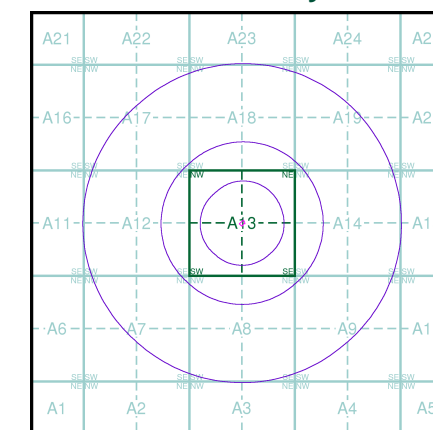
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

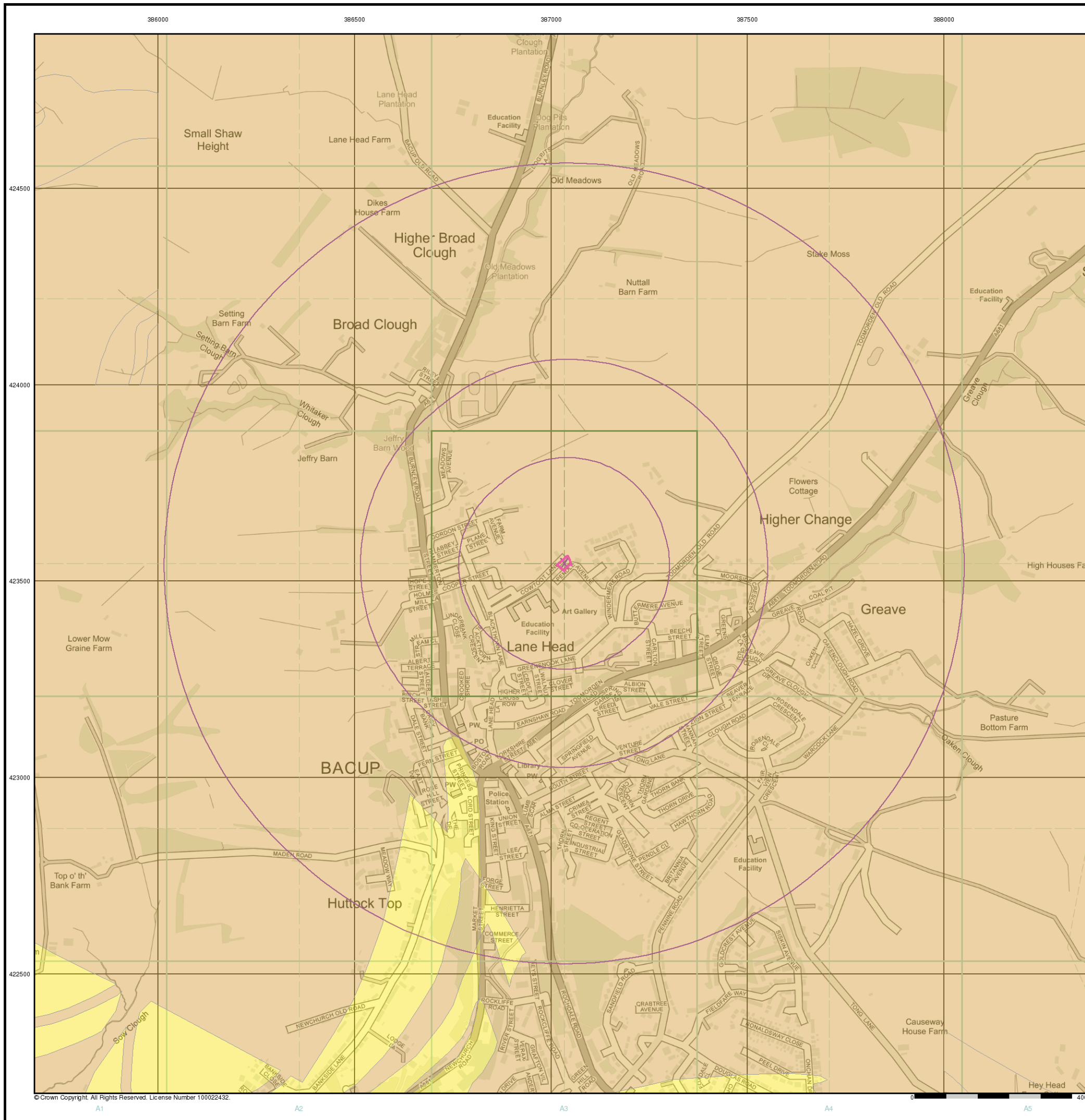


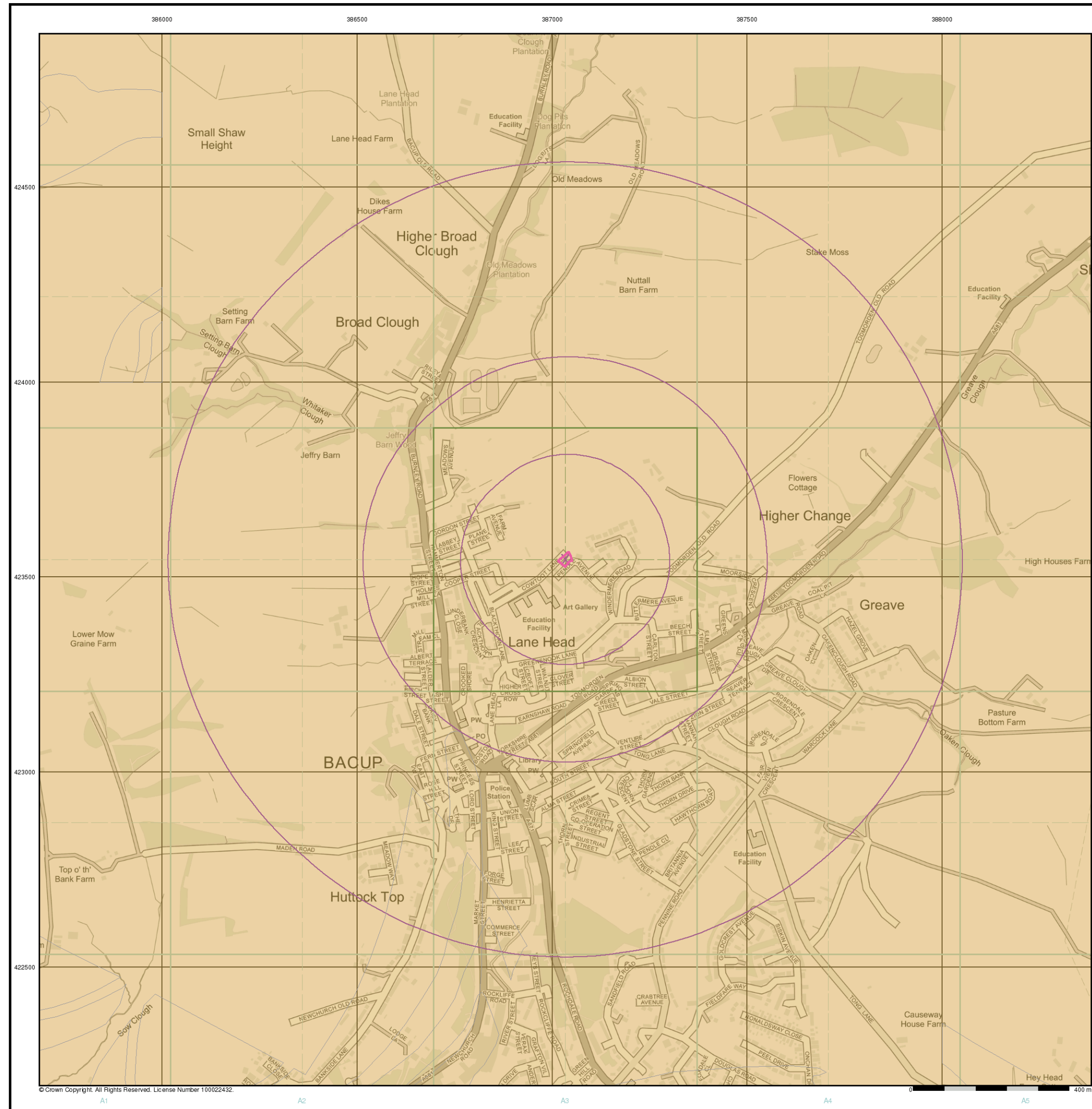
Order Details

Order Details: 314871535_1_1
 Customer Ref: LKC 23 1451
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 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



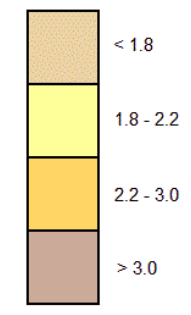


General

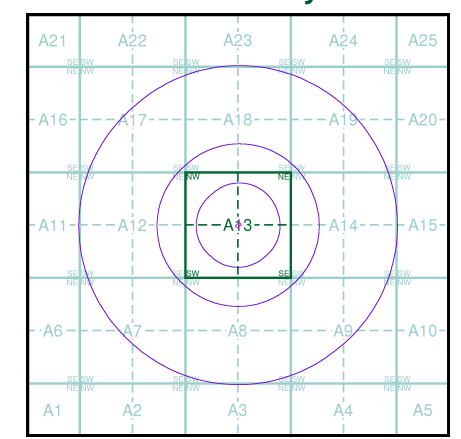
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

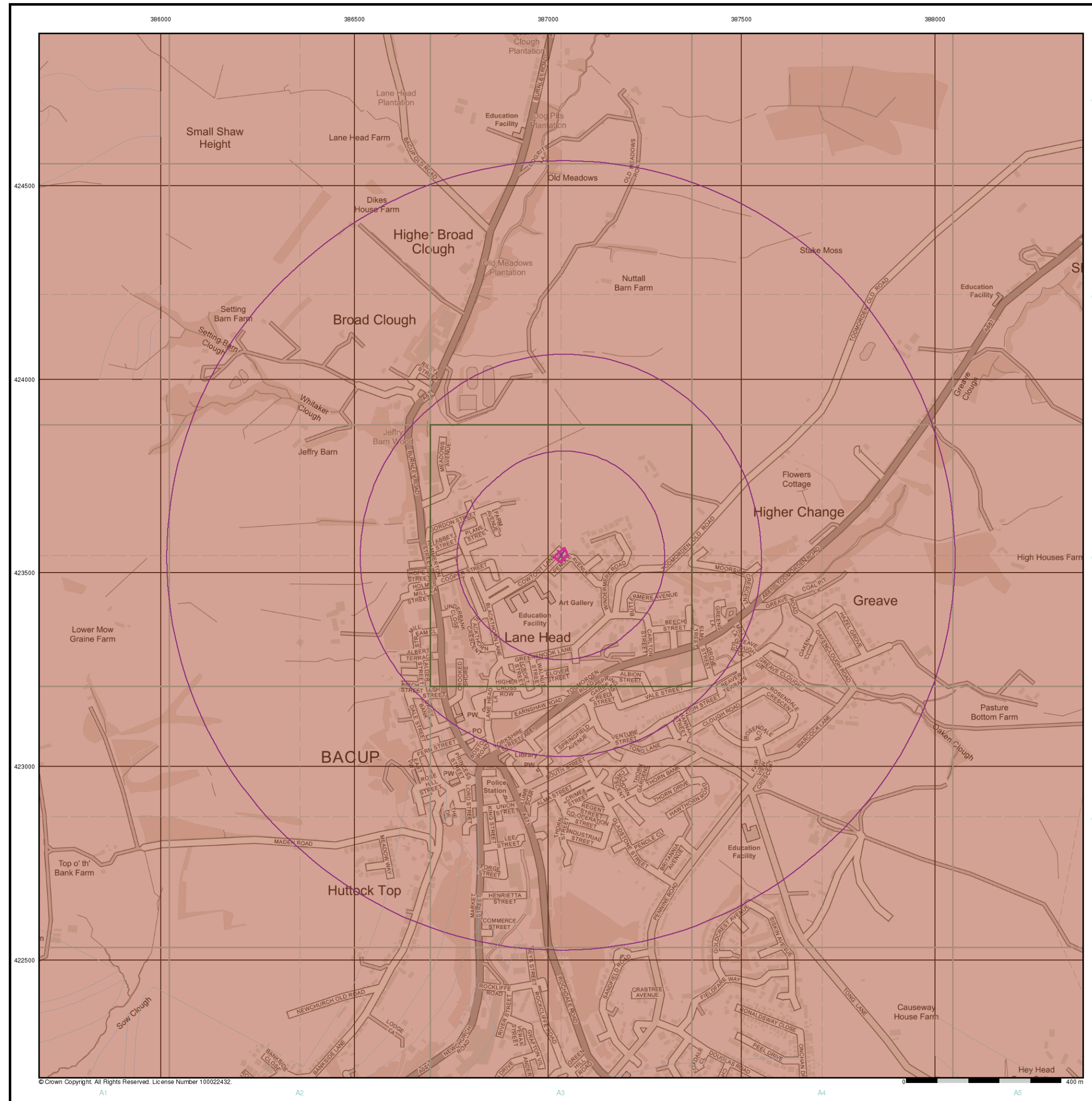
Order Details: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

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

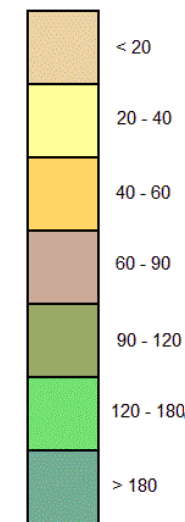


General

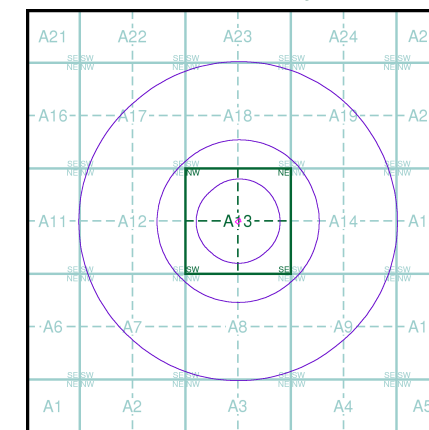
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

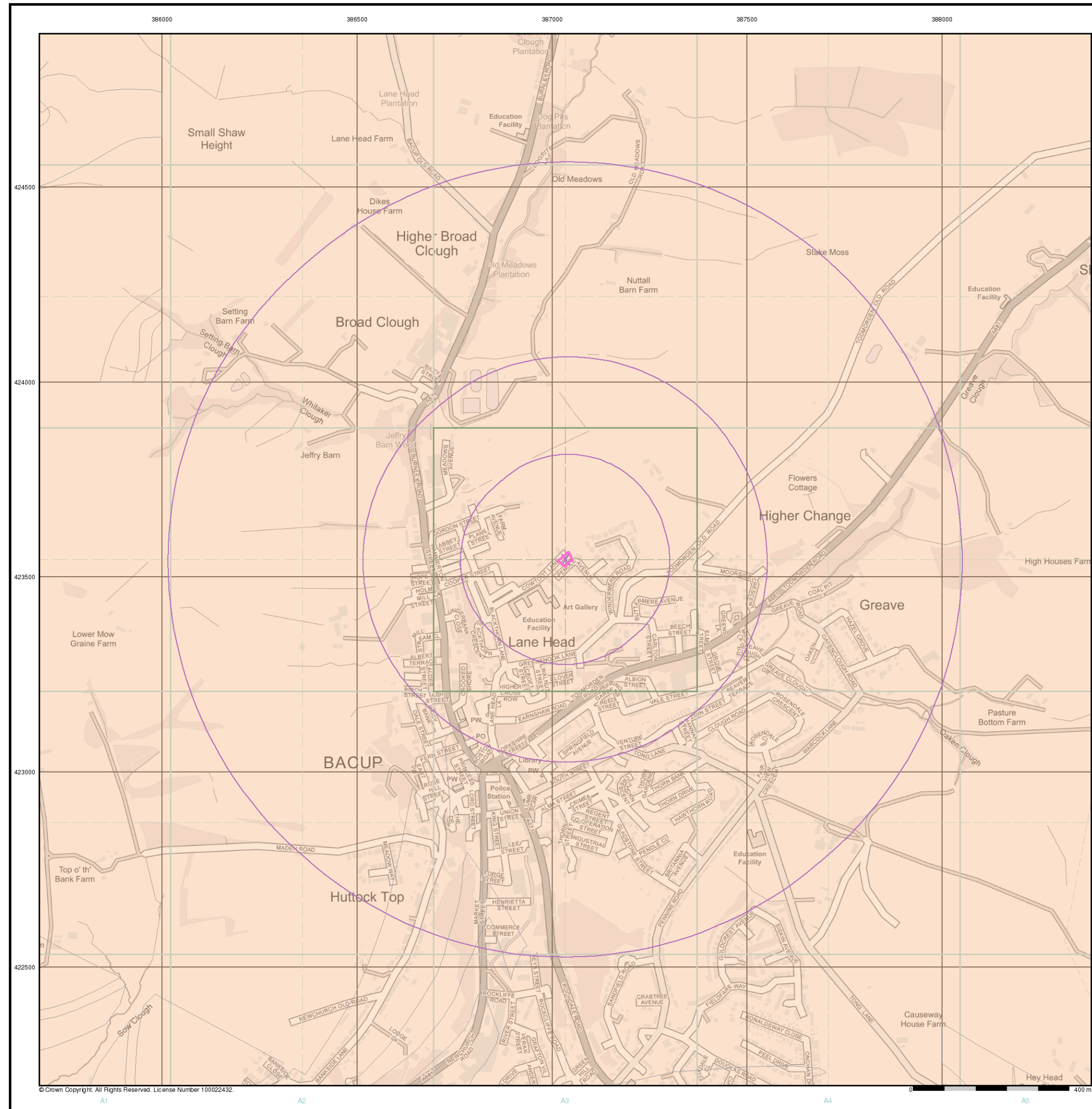
Order Details: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



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

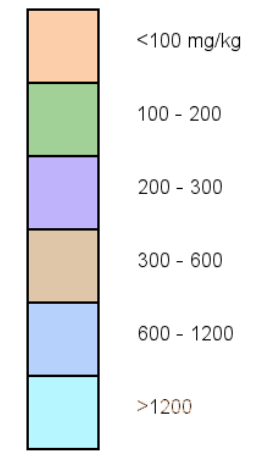


General

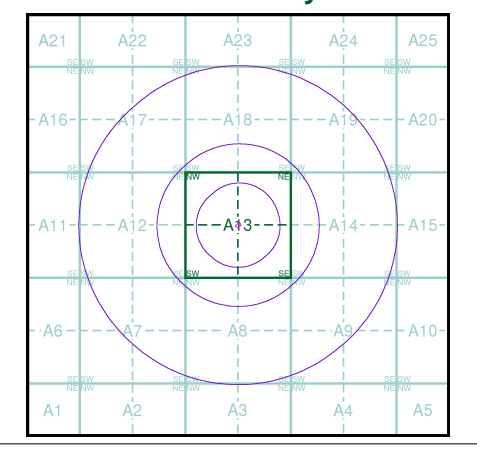
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



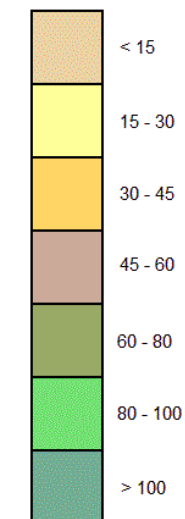
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

General

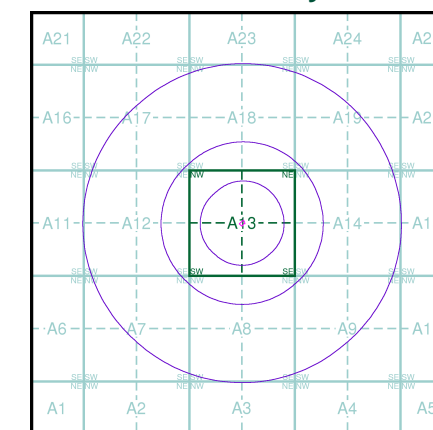
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 314871535_1_1
 Customer Ref: LKC 23 1451
 National Grid Reference: 387030, 423540
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Land of Pendle Avenue, Bacup, OL13 9DW



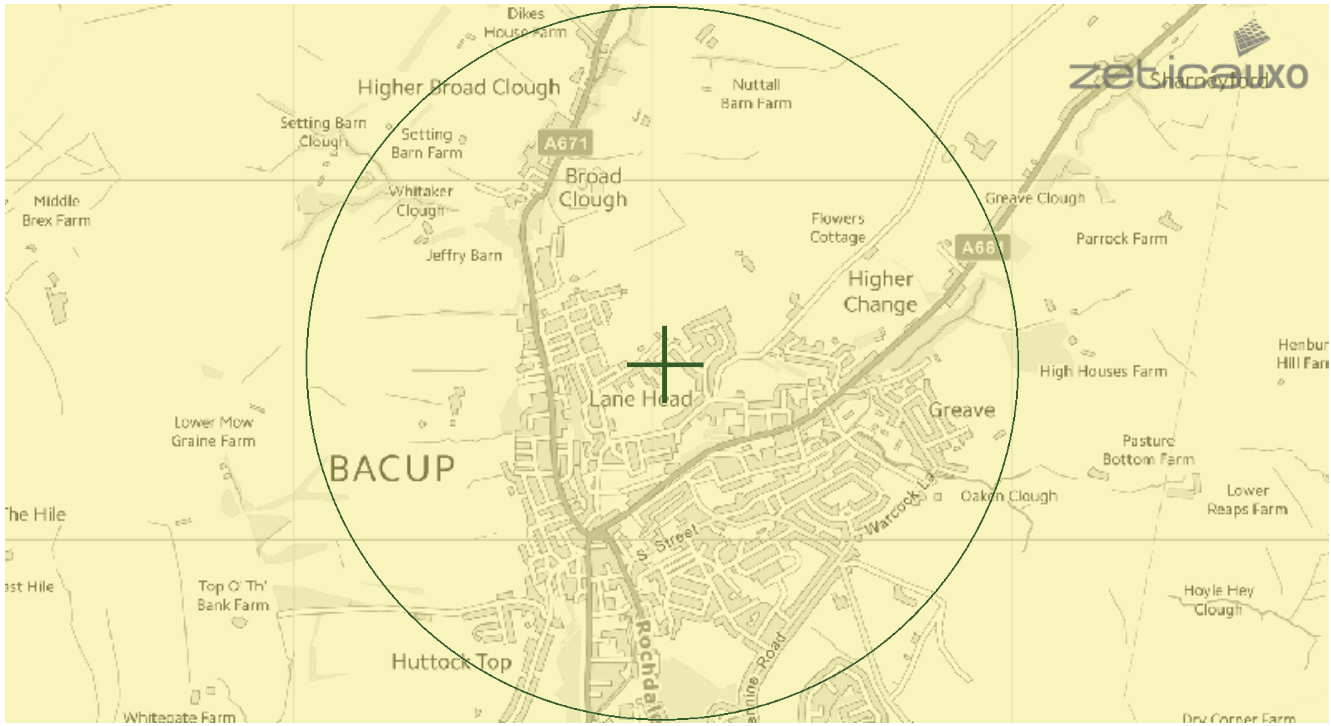
Appendix C

Zetica UXO Unexploded Bomb Risk Map

UNEXPLODED BOMB RISK MAP










SITE LOCATION

Location: OL13 9DW,
Map Centre: 387040,423491



LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.

-  military
-  industry
-  UXO find
-  transport
-  dock
-  Luftwaffe targets
-  utilities
-  Bombing decoy
-  other

How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment* is necessary.

What do I do if my site is in a moderate or high risk area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites in a moderate or high UXB risk area.

Similarly, if your site is near to a designated Luftwaffe target or bombing decoy then additional detailed research is recommended.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

If I have any questions, who do I contact?

tel: **+44 (0) 1993 886682**

email: **uxo@zetica.com**

web: **www.zeticauxo.com**

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (<https://zeticauxo.com/downloads-and-resources/risk-maps/>)

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

Appendix D

Risk Evaluation

Risk Evaluation

The method for risk evaluation is a qualitative method of interpreting the output from the risk estimation stage of the assessment, based on CIRIA 552¹⁴. It involves the classification of the:

- » Magnitude of the potential consequence (severity) of the risk occurring (Table A).
- » Magnitude of the probability (likelihood) of the risk occurring (Table B).

Consequence (Severity)		
Classification	Definition	Example
Severe	<ul style="list-style-type: none"> - Short term (acute) risk to human health likely to result in 'significant harm' as defined by the Environment Protection Act 1990, Part IIA. - Short term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource. - Catastrophic damage to buildings/properties. - A short term risk to a particular ecosystem, or organism forming part of such ecosystem (note: the definition of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000). 	<ul style="list-style-type: none"> - High concentrations of cyanide on the surface of an informal recreation area. - Major spillage of contaminants from site into controlled waters. - Explosion, causing building collapse (can also equate to short term human health risk if buildings are occupied).
Medium	<ul style="list-style-type: none"> - Chronic damage to Human Health ('significant harm' as defined in DETR, 2000). - Pollution of sensitive water resources (note Water Resources Act contains no scope for considering significance of pollution). - A significant change in a particular ecosystem, or organism forming part of such ecosystem. 	<ul style="list-style-type: none"> - Concentrations of a contaminant from site exceed generic, or site specific assessment criteria. - Leaching of contaminants from a site to a major or minor aquifer (Principal and Secondary). - Death of a species within a designated nature reserve.
Mild	<ul style="list-style-type: none"> - Pollution of non-sensitive water resources. - Significant damage to crops, buildings, structures and services ('significant harm' as defined in DETR, 2000). - Damage to sensitive buildings / structures / services or the environment. 	<ul style="list-style-type: none"> - Pollution of non-classified groundwater. - Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
Minor	<ul style="list-style-type: none"> - Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. - Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc.). - Easily repairable damage to buildings, structures and services. 	<ul style="list-style-type: none"> - The presence of contaminants at such concentrations that protective equipment is required during site works. - The loss of plants in a landscaping scheme. - Discoloration of concrete.

Table A: Classification of consequence.

Probability (Likelihood)	
Classification	Definition
High likelihood	- There is a pollutant linkage and an event that either appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.
Likely	<ul style="list-style-type: none"> - There is a pollutant linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. - Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.
Low likelihood	<ul style="list-style-type: none"> - There is a pollutant linkage and circumstances are possible under which an event could occur. - However it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	- There is a pollutant linkage but circumstances are such that it is improbable that an event would occur in the very long term.

Table B: Classification of probability.

¹⁴ CIRIA (2001). "Contaminated Land Risk Assessment: A Guide to Good Practice". C552.

These classifications are then compared to indicate the risk presented by each pollutant linkage (Table C). It is important that this classification is only applied where there is a possibility (which can range from high likelihood to unlikely) of a pollutant linkage existing.

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very High Risk	High Risk	Moderate Risk	Moderate / Low Risk
	Likely	High Risk	Moderate Risk	Moderate / Low Risk	Low Risk
	Low likelihood	Moderate Risk	Moderate / Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate / Low Risk	Low Risk	Very Low Risk	Very Low Risk

Table C: Comparison of consequence against probability.

Once the risk has been determined the corresponding action can be assessed (Table D).

Risk	Action Required
Very High Risk	<ul style="list-style-type: none"> - There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. - This risk, if realised, is likely to result in a substantial liability. - Urgent investigation (if not already undertaken) and remediation are likely to be required.
High Risk	<ul style="list-style-type: none"> - Harm is likely to arise to a designated receptor from an identified hazard. - Realisation of the risk is likely to present a substantial liability. - Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term.
Moderate Risk	<ul style="list-style-type: none"> - It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. - Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Low Risk	<ul style="list-style-type: none"> - It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very Low Risk	<ul style="list-style-type: none"> - There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

Table D: Description of the classification and likely action required.

Where LKC identified a low to very low risk either limited intrusive investigation work, a watching brief (during construction work) or no investigation work will be recommended. This will be dependent on the nature of the site and the proposed development.

Where the risk falls into the moderate/low risk, LKC will undertake an assessment to establish what category the pollutant linkage will fall into (i.e., moderate or low risk will be chosen).

Where LKC identifies a moderate or higher risk intrusive work or precautionary remedial measures will be recommended.

Based across the UK with offices in
Manchester, London,
Liverpool, Swindon and Glasgow.

Manchester (Head Office)

Unit 29
Eton Business Park
Eton Hill Rd, Radcliffe
M26 2ZS

t: 0161 763 7200
e: info@thelkgroup.com

Swindon

39 Bowman House Business Centre
Bowman Court
Whitehill Lane
Royal Wootton Bassett
Swindon
SN4 7DB

t: 01793 987 390
e: info@thelkgroup.com

London

Brooklands Business Park
Wellington Way
Weybridge
KT13 0TT

t: 01932 871872
e: info@thelkgroup.com

Glasgow

Wright Business Centre
1 Lonmay Road
Glasgow
G33 4EL

t: 0141 773 6269
e: info@thelkgroup.com

Liverpool

The Corn Exchange
Fenwick Street
Liverpool
L2 7QL

t: 0151 235 8716
e: info@thelkgroup.com



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