



Windy Bank Farmhouse, Walmersley Preliminary Risk Assessment

**Job Number
LKC251780**

**Report Date
31st July 2026**

**Client
James Brown**

DOCUMENT QUALITY ASSURANCE

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Report Title	Phase 1 Preliminary Risk Assessment
Job Number	LKC251780
Client	James Brown

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Written By	Alex Pendlebury		
Approved By	Colin Crompton		

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TABLE OF CONTENTS

1.	Introduction.....	1
2.	Historical Review	2
3.	Environmental Setting	3
4.	Site Reconnaissance	4
5.	Preliminary Conceptual Model	7
5.1.	Introduction	7
5.2.	Potential Contaminants	7
5.3.	Potential Receptors	7
5.4.	Potential Pathways.....	8
5.5.	Preliminary Contamination Conceptual Model	8
6.	Summary Conclusions and Recommendations	11
6.1.	Summary Conclusions.....	11
6.2.	Recommendations	12

Figures

Figure 1 – Site Location and Boundary Plan

Figure 2 – Proposed Development Plan

Appendices

Appendix A – Historical Maps

Appendix B – Envirocheck Report

Appendix C – Zetica UXO Unexploded Bomb Risk Map

Appendix D – Risk Evaluation

Appendix E – References

1. Introduction

LK Consult Ltd (LKC) has been commissioned to carry out a Phase 1 Preliminary Risk Assessment (PRA) for Windy Bank Farmhouse, Walmersley.

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.

A geotechnical or structural assessment is outside the scope of this report.

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

The aim of this report is to support a future planning application to return the site to residential use.

A summary of the site details is presented in Table 1-1. Figure 1 indicates the site location and boundary plan. Figure 2 indicates the proposed development.

Location	Northeast of Church Road, Walmersley. Centred at National Grid Reference 380240E, 417850N.
Area	1,200m ² .
Topography	196-198 metres above ordnance datum (AOD) with the centre of the site raised slightly.
Current Site Use	The site comprises a track to the property, a derelict farmhouse and associated ruins.
Proposed Development	Renovation of existing farmhouse to return it to residential use. Existing track to the south of the site to be regraded, grassed and replaced with track running around the east and north of the property with a hardstanding carpark to the north of the building.

Table 1-1: Summary of site details.

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

Site Features	Location on Site	Dates Present		Comments
		From	To	
Windy Bank Farm	E	1851	2026	Building present from 1851 mapping. Labelled as Windy Bank Farm from 1910 mapping.
Track	S	1851	2026	Track mapped running parallel to the southern site boundary.
Field Boundary	E	1851	2026	Field boundary mapped running parallel to the eastern side boundary.

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

Surrounding Area Features	Distance (m)	Direction	Dates Present		Comments
			From	To	
Reservoir	240	S	1851	2006	Mapped as a reservoir from 1851-1975, pit remains until 2006 mapping. No longer present on 2009 mapping.
Reservoir	225	S	1851	2016	No longer present on 2026 mapping.
Pond	170	N	1963	1963	No longer present on 1967 mapping.

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

A building referenced Windy Bank is shown on the 1830 Teesdale Lancashire County map³. Internet searches indicate the property was a farm house with an attached barn. In 1973 the property was used for residential occupancy. A 1999 photograph⁴ shows the property in ruins.

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, 3}	Artificial Ground	No BGS recorded artificial ground.
	Superficial Deposits	Till (diamicton).
	Bedrock	Fletcher Bank Grit (sandstone).
	BGS Logs (100m)	None.
Hydro-geology ¹	Aquifer	Superficial
	Designation	Bedrock
	Source Protection Zone (SPZ)	Secondary Undifferentiated Aquifer.
	Groundwater Abstractions (100m)	Secondary A Aquifer.
Hydrology ¹	Surface Watercourses (100m)	Site not within an SPZ.
	Flooding Risk ^{1, 2}	None.
	Surface Water Abstractions (100m)	Flood Zone 1.
	Discharge Consents (onsite)	None.
	Pollution Incidents (onsite)	None.
Minerals & Mining ^{1,3}	Coal Mining	Within a Coal Reporting Area. Not within a Development High Risk Area.
	Surface Mineral Extractions (250m)	174m W- Bank Lane Quarry, Commodity: Sandstone, Status: Ceased.
	Non-Coal Mining Area	Rare.
Ground Stability ¹	Collapsible Ground	Very low hazard.
	Compressible Ground	No hazard.
	Ground Dissolution	No hazard.
	Landslide	Very low hazard.
	Running Sand	Very low hazard.
	Shrinking / Swelling Clay	Very low hazard.
Landfill Sites (250m) ¹	Known / Registered	175m E- 'Top of The Lea'. Specified waste: Not supplied. Operational: dates not supplied. 234 SW- 'Top Mill'. Specified waste: Inert waste. Operational: 31 st December 1991- date not supplied.
	Potentially Infilled Land (non-water and water), based on Envirocheck Report	1no. features: 222m S.
	Potentially Infilled Sites, based on LKC historical review	3no. 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.
Designated Sites (50m) ¹		Adopted Green Belt 0m.
Contemporary Trade Directory (50m) ¹		None.
Fuel Station Entries (50m) ¹		None.
Unexploded Ordnance Risk (UXO) – Zetica Risk Map	Zetica Risk Map ⁴	Bomb Risk: Low. Strategic Targets: None identified within 100m.

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 <https://flood-map-for-planning.service.gov.uk/location>

3 The Mining Remediation Authority Web Mapping Services (WMS) / <http://coal.decc.gov.uk/en/coal/cms/publications/data/map/map.aspx>.

4 Zetica UXO Unexploded Bomb Risk Map (Appendix C).

4. Site Reconnaissance

A site reconnaissance was carried out on 22nd July 2026. Hand dug trial holes were undertaken in accessible areas to confirm the shallow ground conditions.

Relevant features identified on site are summarised below:

- The site comprises an abandoned farmhouse with associated building ruins. Heras fencing surrounds the house to prevent public access. Scaffolding is present along the southern and eastern sides of the house as well as internally within the larger eastern room.
- A basement is present beneath the northernmost room.
- The building is in poor condition, with collapsing walls and collapsed rooms. Only the eastern room has a roof present, though much of it has collapsed. Evidence of modern stabilisation on the building was noted and a 2m strip of MOT levelling around the base of the house was present as noted by the client and identified during the site reconnaissance.
- To the north around the rear of the building is a garden/ yard area. This area is currently used to store materials: pallets, sandstone slabs, and general building materials.
- The client advised that the previous owner stated there has been no tanks on site. No evidence of tank bases or ground staining was observed.
- No major slopes were identified on site. Offsite ground slopes gently upwards to the north. To the south the hillside slopes southwards, and to the east and west the hillside slopes down south-east and south-west respectively.
- To the east of the house outside the Heras fencing there is additional material stockpiled including: sandstone blocks and slabs, sand, and MOT.
- This site can be accessed from Church Road by turning left up the hill and following the signposted public right of way track. Continue up the hill following the track to the right reaching a field gate on the left, from which Windy Bank Farmhouse is visible on the hill. Access the site via the field, with the Heras fence being open on the east side.

Pertinent observations are shown on Plate 4-1 with site photographs shown on Plate 4-2.



Plate 4-1: Location of Site walkover features.

Site photographs are provided in Plate 4-2.



Photograph 1: View of sign posted Right of way track to be taken from Church Road.



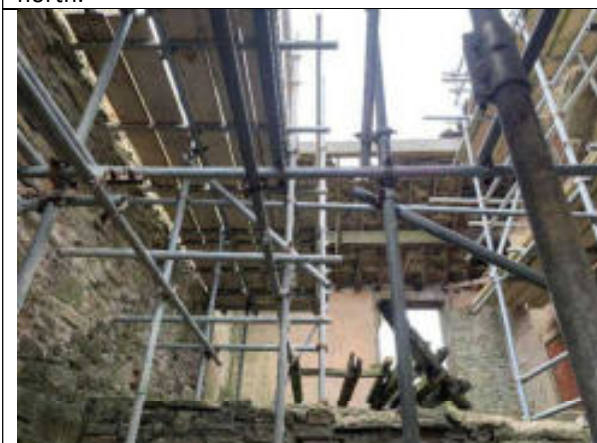
Photograph 2: View of field gate access to Windy Bank Farmhouse- taken facing south, from the south of Windy Bank Farmhouse.



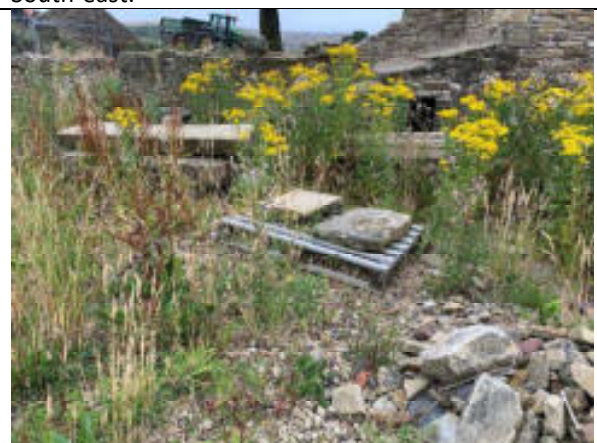
Photograph 3: Existing building on site- taken facing north.



Photograph 4: Existing building on site- taken facing South-east.



Photograph 5: Internal scaffolding and condition of building.



Photograph 6: View of garden area and material storage adjacent to house.



Photograph 7: Material Stockpiled



Photograph 8: Material stockpiled.

Plate 4-2: Site photographs..

Hand dug pits were carried out in 3no. locations around the property and are summarised in Table 4-1.

HD101	HD102	HD103
0.0-0.2m Limestone / MOT gravel. 0.2-0.4m Slightly gravelly slightly clayey sandy SILT. (relic topsoil). 0.4-1.0m Slightly gravelly sandy silty CLAY.	0.0-0.2m Limestone / MOT gravel 0.2-0.5m Slightly gravelly slightly clayey sandy SILT. (relic topsoil). 0.5-1.0m Slightly gravelly slightly sandy silty CLAY.	0.0-0.1m Limestone / MOT gravel 0.1-0.4m Slightly gravelly slightly clayey sandy SILT. (relic topsoil). 0.4-1.0m Slightly gravelly sandy silty CLAY.

Table 4-1: Hand dug pit logs.

5. Preliminary Conceptual 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 LCRM⁵, 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 (Windy Bank Farm, track, field boundary)	Site walkover identified limestone / MOT with relic topsoil below. Made ground may be present in isolated areas for example, demolition rubble, ash and clinker: asbestos, heavy metals, sulphates. Not expected to be a significant source of gas given possible low quantifies
Farmyard	Use and maintenance of machinery: possible fuels, oils. No evidence of former tank bases or surface staining.
Surrounding Area	
Offsite potentially infilled features within 250m (2no. reservoirs, pond, Top Mill landfill, Top of The Lea landfills).	Given size, distance and age of features, there is not considered to be a source of hazardous gas (principally carbon dioxide and methane).
Underlying Geology	
Superficial / Bedrock	Till (Diamicton) over Fletcher Bank Grit (sandstone). No significant contamination sources identified.

Table 5-1: Potential contamination sources.

5.3. Potential Receptors

Potential receptors are detailed in Table 5-2.

Receptors	
Human health	Future site users (including residents, visitors, and site workers).
Controlled waters	Secondary Undifferentiated 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: house 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.
Soil	Windblown dust and fibres to adjacent receptors.	
Soil	Direct contact with receptors (services).	
Groundwater	Infiltration into the ground, through potentially contaminated material (contamination possibly going into solution).	
Groundwater and gas	Migration through potentially permeable strata and preferential pathways. Superficial (Till) likely to be low permeability. Bedrock (sandstone) likely to be relatively permeable. Preferential pathways: services.	
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.

5.5. Preliminary Contamination Conceptual Model

The Preliminary Contamination Conceptual Model is illustrated in Table 5-4.

Generic potential pollutant linkages are 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.

The probability is based on the site history, site reconnaissance, environmental setting, pathways, and receptors.

Reasonable worst-case consequence has been assumed at this stage.

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 further work will be required.

Where LKC identifies a moderate or higher risk, intrusive investigation work or precautionary remediation is recommended.

Recommendations are discussed further in Section 7.

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.

PL	Contaminants of Concern (source)	Pathway	Receptor	Probability	Consequence	Risk	Assessment and Recommendations
1	Asbestos, heavy metals, PAHs, petroleum hydrocarbons (made ground, farmyard)	Dermal contact. Inhalation of soil, fibres, and dust. Ingestion of soils, dust, home-grown produce, soil attached to home-grown produce. Windblown dust.	Future site users.	Unlikely	Medium	Low	Unlikely probability given site history and site walkover. Recommendation: Watching brief for made ground – specifically ash and clinker or demolition rubble.
2	Naphthalene, petroleum hydrocarbons (made ground, farmyard)	Inhalation of vapours. Migration via permeable strata and preferential pathways.	Future site users.	Unlikely	Medium	Low	Unlikely probability of significant vapour generation given no made ground identified and no evidence of fuel tanks. naphthalene, potential contamination from localised hydrocarbon spills. Recommendation: Watching brief for made ground – specifically ash and clinker and any hydrocarbons in the soil.
3	Hazardous / ground gas: methane, carbon dioxide (2no. reservoir, pond, Top Mill landfill, Top of the Lea landfill.)	Migration via permeable strata and preferential pathways. Inhalation of gas. Explosion in confined spaces.	Future site users. Buildings.	Unlikely	Severe	Moderate/ Low	Unlikely probability as no significant sources identified and underlying cohesive deposits will limit lateral migration of gas onto site from sources. Recommendations: Watching brief for significant organic or putrescible material.
4	Petroleum hydrocarbons (made ground, farmyard)	Surface run-off. Migration via permeable strata and preferential pathways. Perched waters migration.	Groundwater	Unlikely	Medium	Low	Unlikely as limited source of mobile contamination expected. The underlying low permeability superficial till will limit downward migration of any mobile contamination. Recommendations: No water sampling or leaching tests required unless evidence of significant potentially mobile contamination is identified in the soil.
5	Naphthalene, petroleum hydrocarbons (made ground, farmyard)	Ingestion of tainted water supply.	Future site users. Water pipes.	Unlikely	Medium	Low	Unlikely as made ground not anticipated to be at pipeline depth Recommendations: Sampling and analysis of soils if made ground / impacted natural ground at anticipated pipeline depths

Table 5-4: Preliminary Contamination Conceptual Model.

Notes: PL = Pollutant Linkage. Contaminant of Concern (CoC) - See Table 5-1 for contamination sources. See Section 7 for recommendations.

6. Summary Conclusions and Recommendations

6.1. Summary Conclusions

Table 6-1 summarises the site details, historical review, environmental settings and site reconnaissance.

Current Site Use & Pertinent Features	A derelict farm house with an associated access track.
Proposed Development	Renovation of existing farmhouse to return it to residential use. Existing track to the south of the site to be regraded, grassed and replaced with track running around the east and north of the property with a hardstanding carpark to the north of the building.
Main Historical Features	Onsite: Windy Bank Farm, track, field boundary. Surrounding Area: 2no reservoirs, pond.
Geology / Hydrogeology	Artificial: None. Superficial: Till (Diamicton), Secondary Undifferentiated Aquifer. Bedrock: Fletcher Bank Grit (sandstone), Secondary A Aquifer.
Site reconnaissance	The site comprises a derelict farmhouse, with Heras fencing around the building and scaffolding present externally and internally. The building is in poor condition, and a basement present beneath the northernmost room. Modern stabilisation works and a 2m strip of MOT levelling around the base of the house were noted. A yard area to the north is used for storage of general building materials, with further stockpiles of sandstone blocks / slabs, sand and MOT located east of the house. No evidence of tanks or surface staining was identified. Hand dug trial pits confirmed a layer of Limestone / MOT over relic topsoil to 0.4m-0.5m bgl, underlain by natural clay proven to 1.0m bgl.
Landfills / Infilled ground	170 N- Pond. 225 S- Reservoir. 240 S- Reservoir. 175m E- 'Top Of The Lea'. Specified waste: Not supplied. Operational: dates not supplied. 234 SW- 'Top Mill'. Specified waste: Inert waste. Operational: 31 st December 1991- date not supplied.

Table 6-1: Summary of site details, historical review, environmental settings and site reconnaissance.

A preliminary contamination conceptual model has been produced by LKC, which is summarised in Table 6-2.

Pollutant Linkage	Contaminants	Risk
PL1: Contaminants posing a risk to receptors via dermal contact, ingestion and inhalation (of soil, dust, fibres and home-grown produce).	Asbestos, heavy metals, PAHs, petroleum hydrocarbons	Low
PL2: Volatile contaminants posing a risk to receptors via the inhalation of vapours.	Naphthalene, petroleum hydrocarbons	Low
PL3: Gas posing a risk to buildings and receptors via the migration of gas into building causing explosion and asphyxiation.	Hazardous Gas	Moderate / Low
	Ground Gas	
PL4: Mobile contamination posing a risk to controlled waters via the migration through permeable strata.	Naphthalene, heavy metals, petroleum hydrocarbons	Low
PL5: Organic contaminants posing a risk to receptors.	Naphthalene, petroleum hydrocarbons	Low

Table 6-2: Summary risk table.

Based upon the available information, LKC conclude it is unlikely that there is a viable contamination risk to the proposed development.

6.2. Recommendations

Recommendations are provided in Table 6-3.

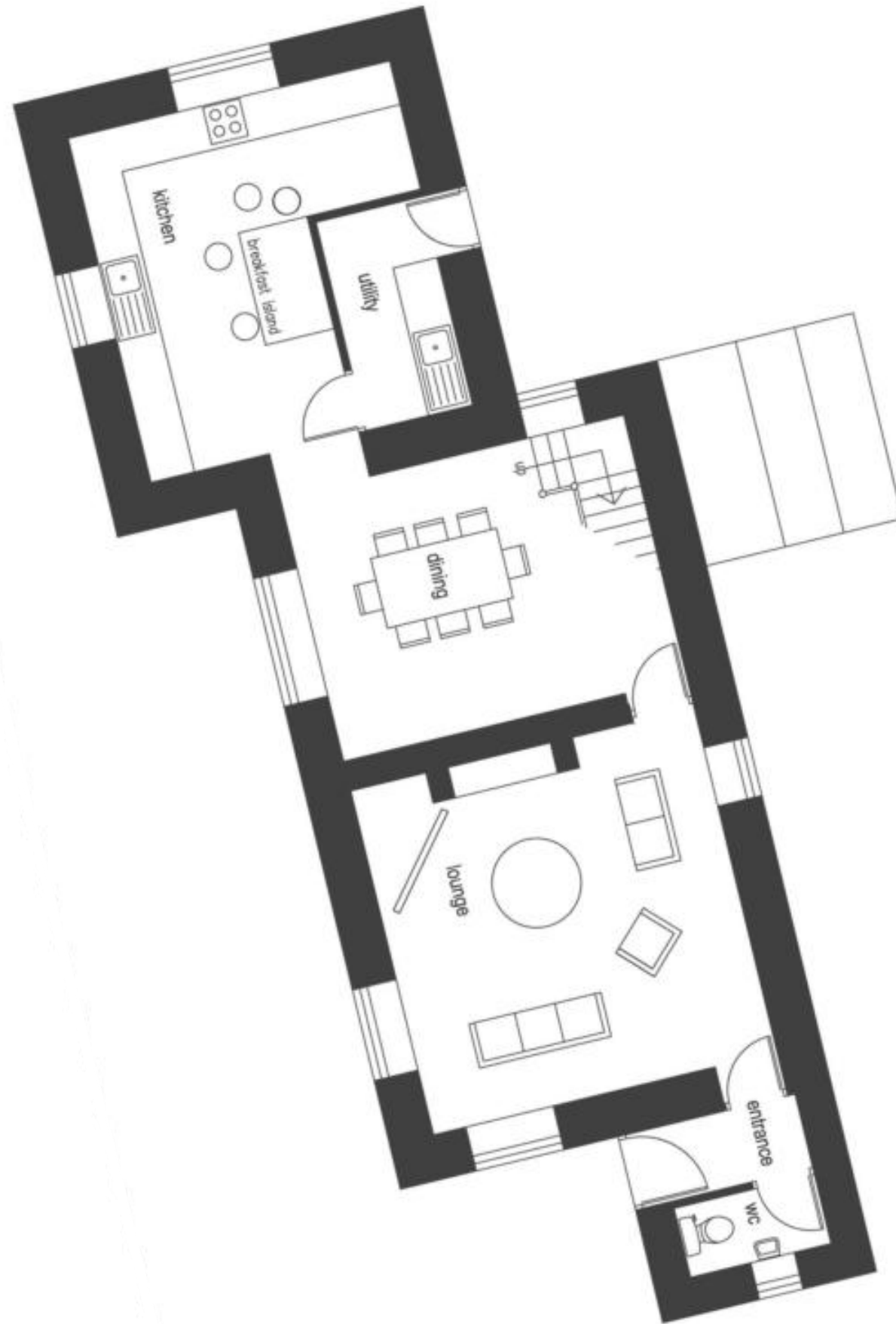
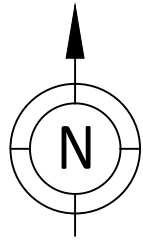
Contamination Status	There is sufficient information on the potential contaminative status of the site to allow conditional approval of a planning application, based on the proposed end use detailed in the PRA.
Further Assessment Recommendations	Watching brief during construction work (groundworks).
Type of Investigation Work	As only low risks identified, watching brief recommended. Environmental consultant to inspect the ground during groundworks and to be consulted if any unexpected contamination identified. Further assessment may be required.
Importation of Soils	Any topsoil or subsoil brought on to the site for use in gardens / soft landscaping should be suitably chemically validated prior to its use on site, according to Local Authority guidance.
Unexpected Contamination	If unexpected contamination is identified during groundworks, further assessment will be required.

Table 6-3: Recommendations.

Figures



Client: James Brown				Title: Site Location & Boundary Plan		 LK CONSULT	
Site: Windy Bank Farm, Walmersley				Scale (see scale bar): 1:25,000 & 1:1,000 @ A4			
Drawn By: AP		Checked By: HM		Figure: 1			
Drawn: July 2026				Revision:			
D o b No.: LKC251780							



KEY

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:			
James Brown			
Site:			
Windy Bank Farmhouse, Walmersley			
Title:			
Proposed Development Plan			
Job No.:	Scale (See Scale Bar):	Figure:	Revision:
LKC251780	NTS	2	
Drawn By:	Checked By:	Drawn:	
AC	AP	Jul 2026	

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
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
			Pole
			Electricity Transmission Line
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency		
	Civil Parish		
	Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

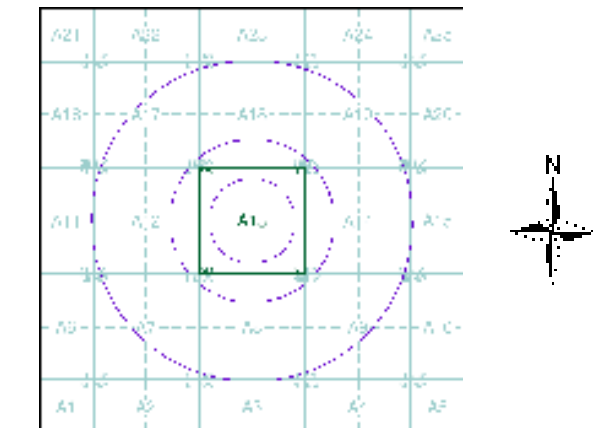
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, 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
	Mean high water (springs)		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

LK CONSULT

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1850 - 1851	3
Lancashire And Furness	1:10,560	1894 - 1895	4
Lancashire And Furness	1:10,560	1912	5
Lancashire And Furness	1:10,560	1930	6
Lancashire And Furness	1:10,560	1938 - 1939	7
Ordnance Survey Plan	1:10,000	1955 - 1956	8
Ordnance Survey Plan	1:10,000	1967 - 1968	9
Manchester	1:25,000	1975	10
Ordnance Survey Plan	1:10,000	1982 - 1987	11
Ordnance Survey Plan	1:10,000	1993	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2026	15

Historical Map - Slice A



Order Details

Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780

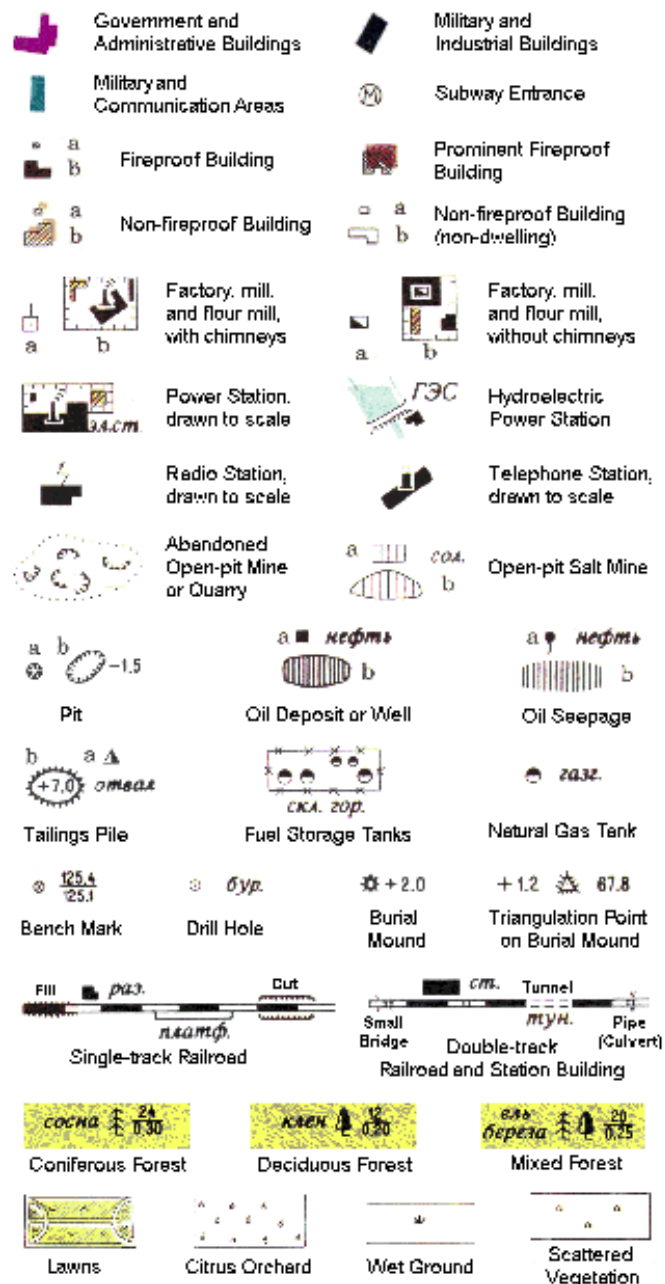
Landmark
 INFORMATION GROUP

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

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale



243.8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0.2 Velocity of the current, width of river bed, depth of river

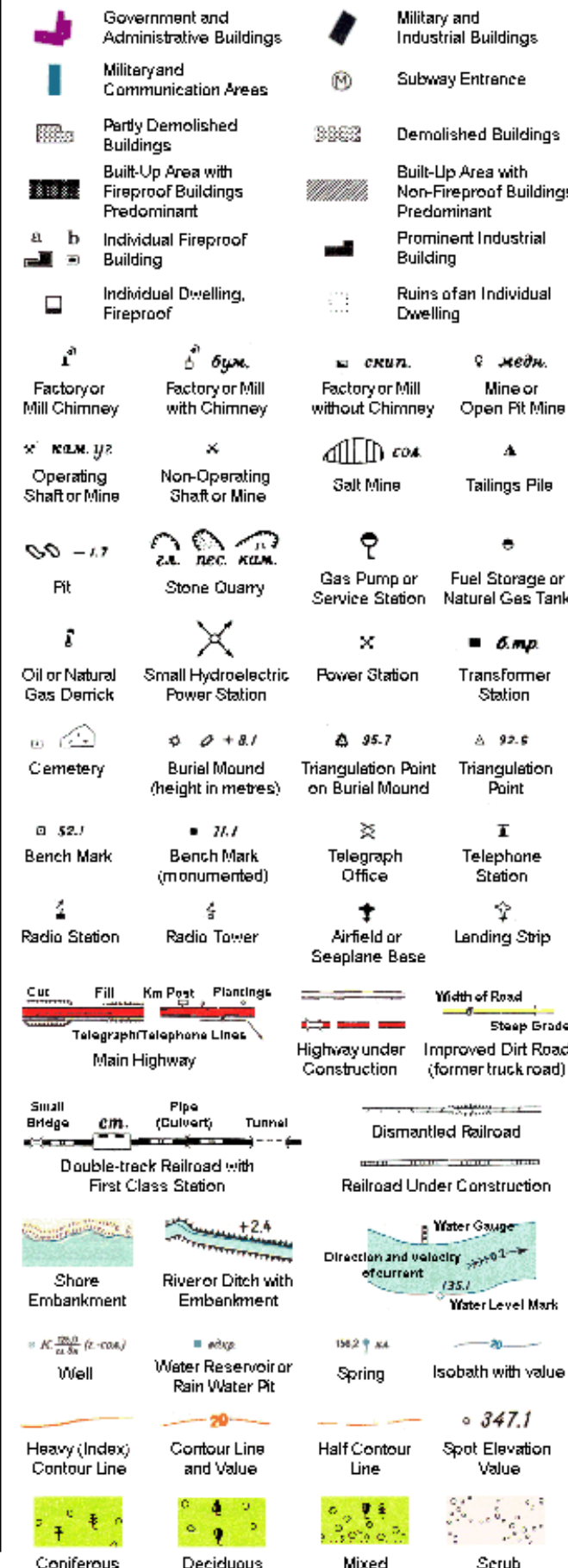
Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale



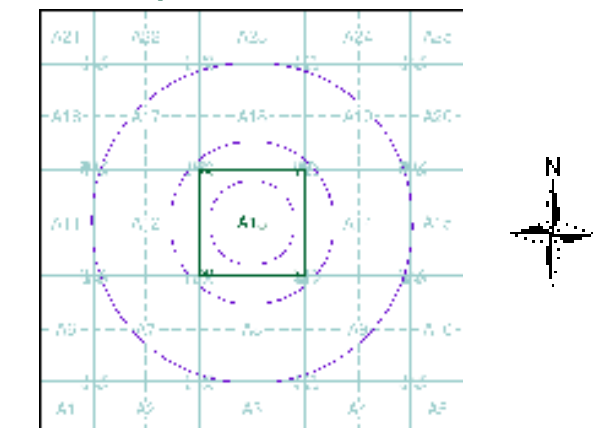
Key to Numbers on Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1850 - 1851	3
Lancashire And Furness	1:10,560	1894 - 1895	4
Lancashire And Furness	1:10,560	1912	5
Lancashire And Furness	1:10,560	1930	6
Lancashire And Furness	1:10,560	1938 - 1939	7
Ordnance Survey Plan	1:10,000	1955 - 1956	8
Ordnance Survey Plan	1:10,000	1967 - 1968	9
Manchester	1:25,000	1975	10
Ordnance Survey Plan	1:10,000	1982 - 1987	11
Ordnance Survey Plan	1:10,000	1993	12
10K Raster Mapping	1:10,000	1999	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2026	15

Russian Map - Slice A



Order Details

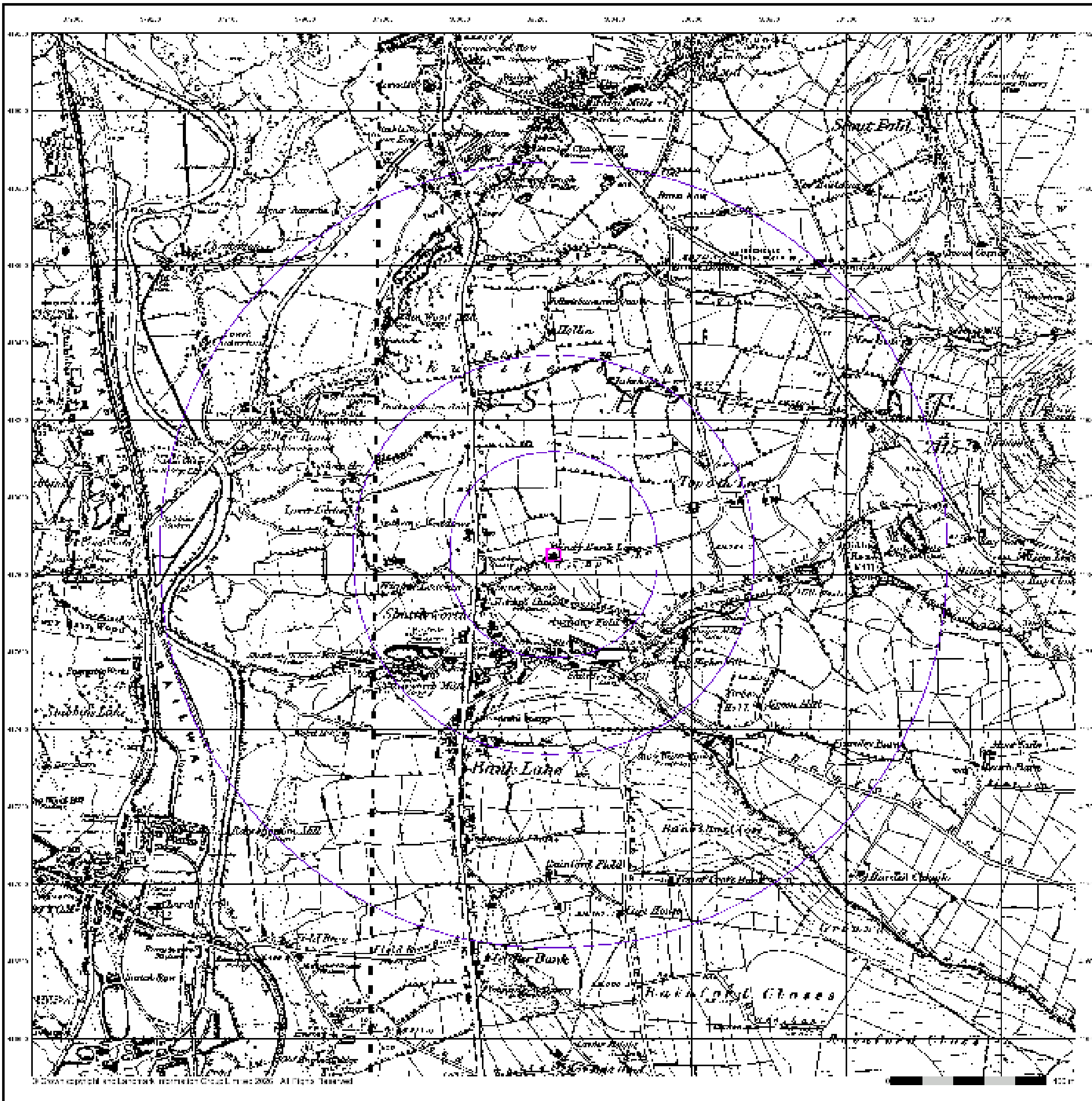
Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780



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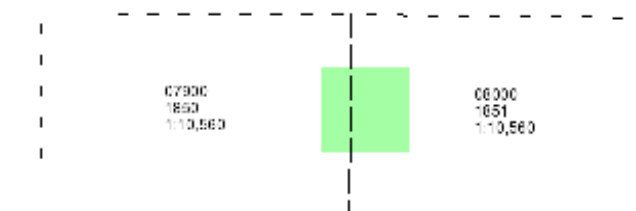
Lancashire And Furness

Published 1850 - 1851

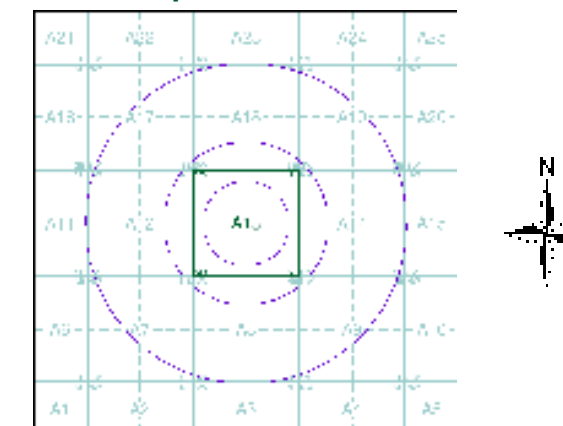
Source map scale - 1:10,560

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

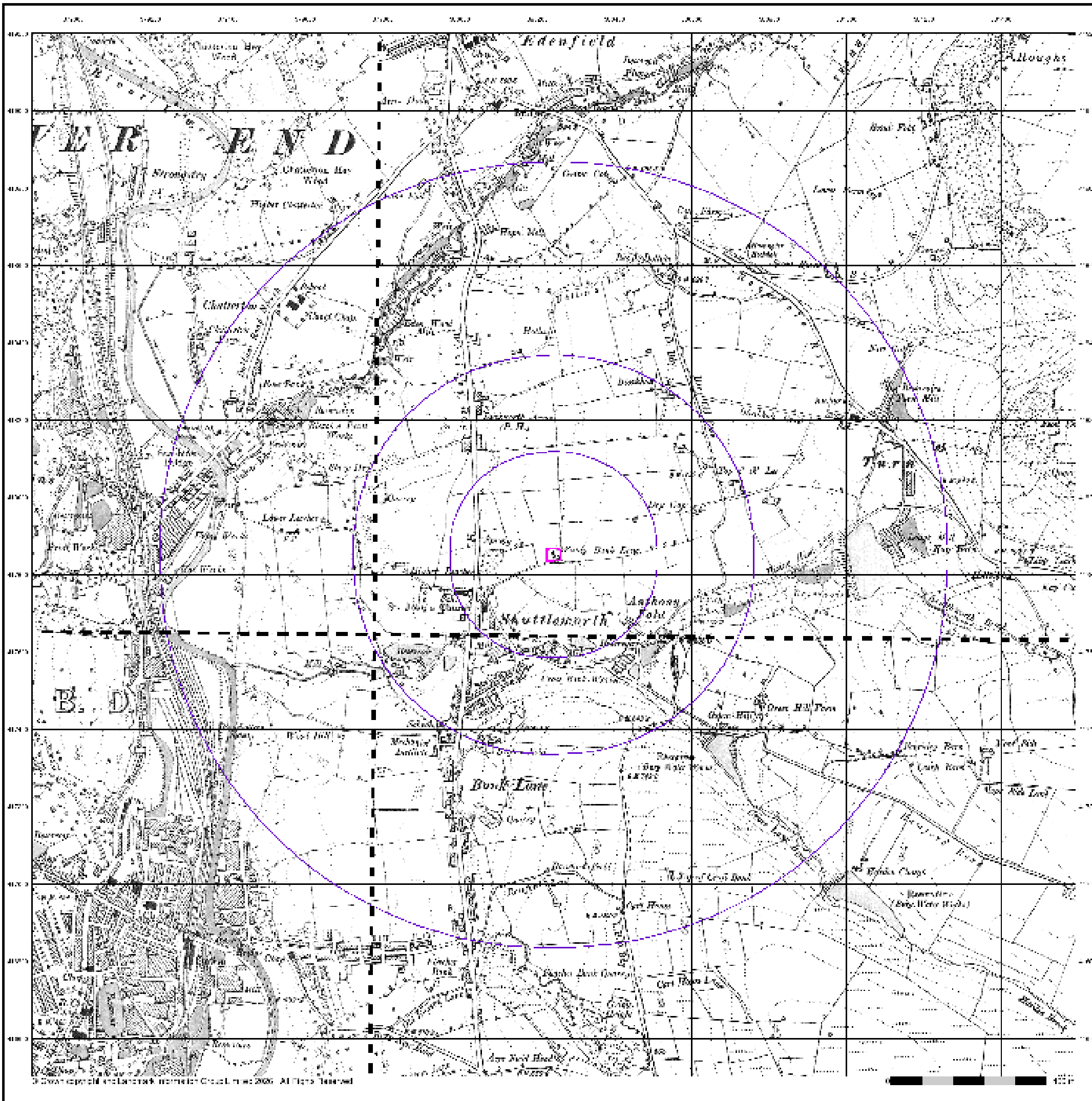
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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Lancashire And Furness

Published 1894 - 1895

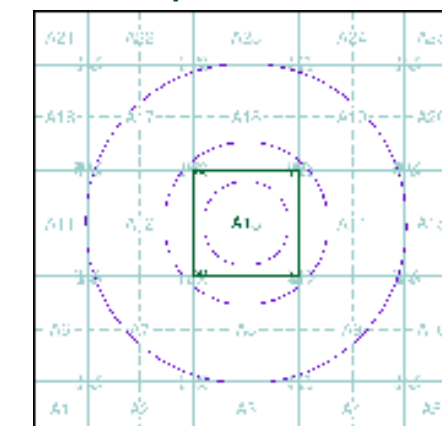
Source map scale - 1:10,560

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)

078NE 1894 1:10,560	080NW 1895 1:10,560
079SE 1894 1:10,560	080SW 1894 1:10,560

Historical Map - Slice A



Order Details

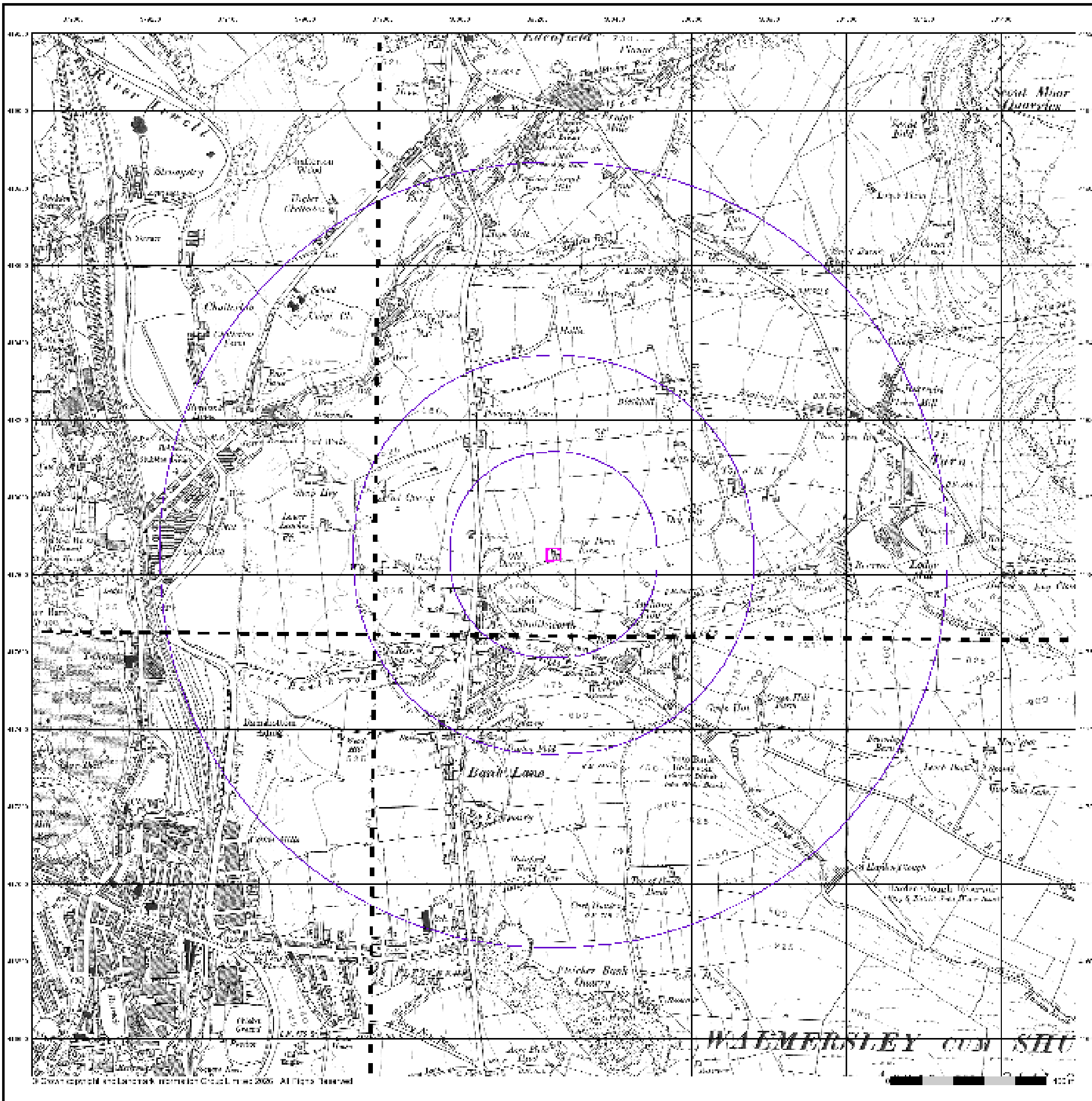
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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Lancashire And Furness

Published 1912

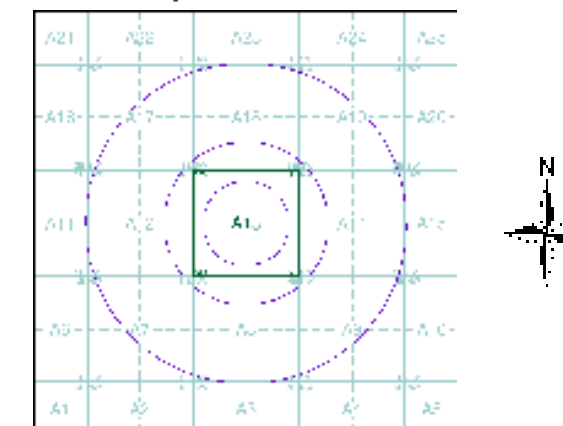
Source map scale - 1:10,560

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)

079NE 1912 1:10,560	080NW 1912 1:10,560
079SE 1912 1:10,560	080SW 1912 1:10,560

Historical Map - Slice A



Order Details

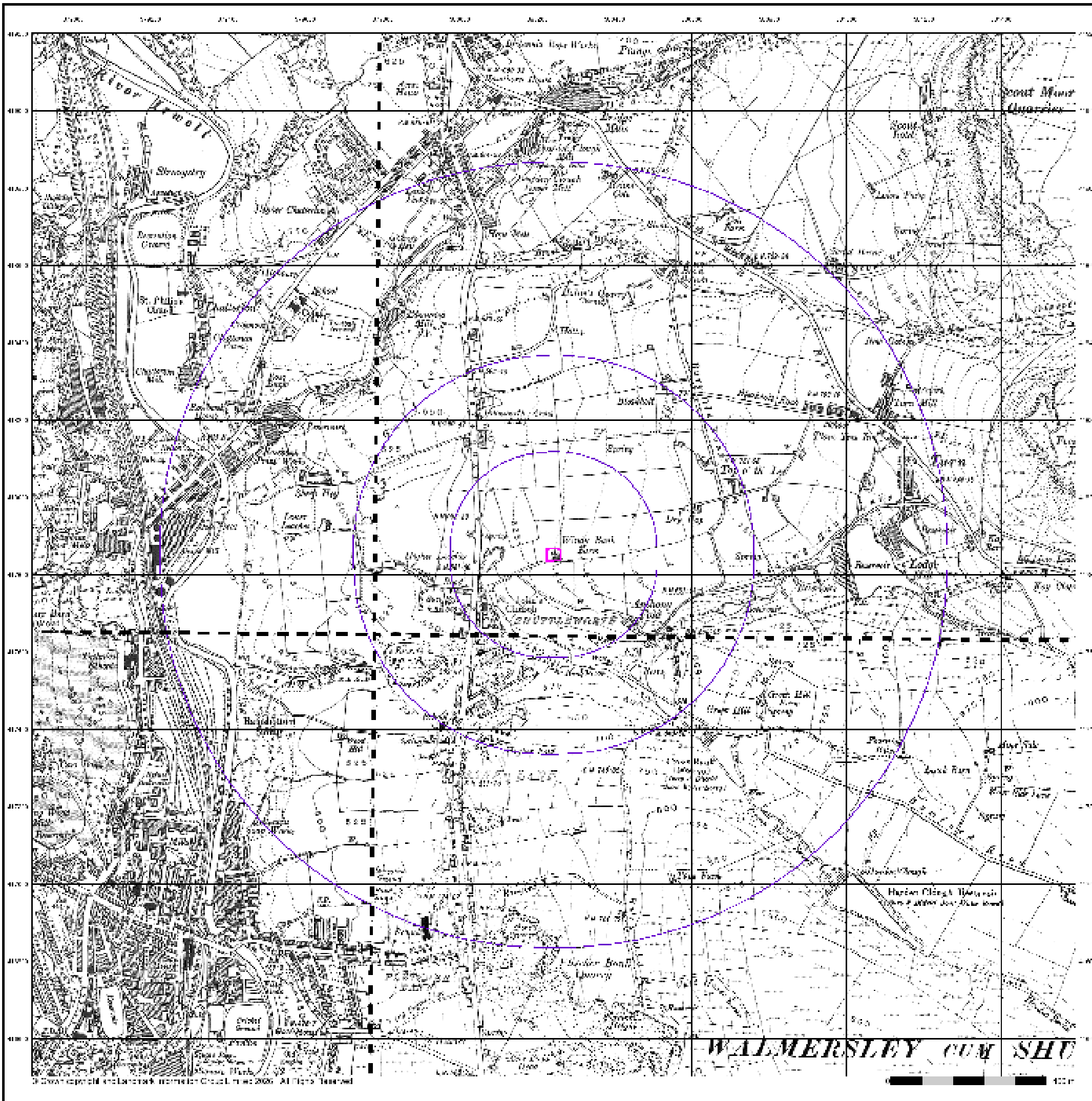
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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Lancashire And Furness

Published 1930

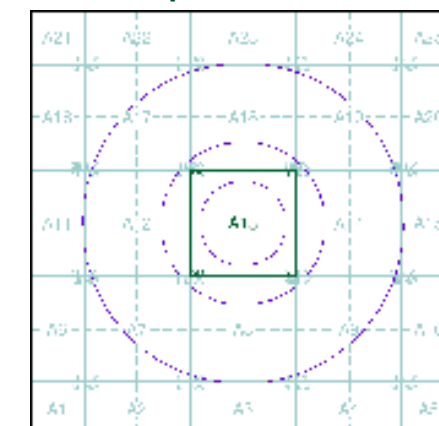
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

079NE 1930 1:10,560	080NW 1930 1:10,560
079SE 1930 1:10,560	080SW 1930 1:10,560

Historical Map - Slice A



Order Details

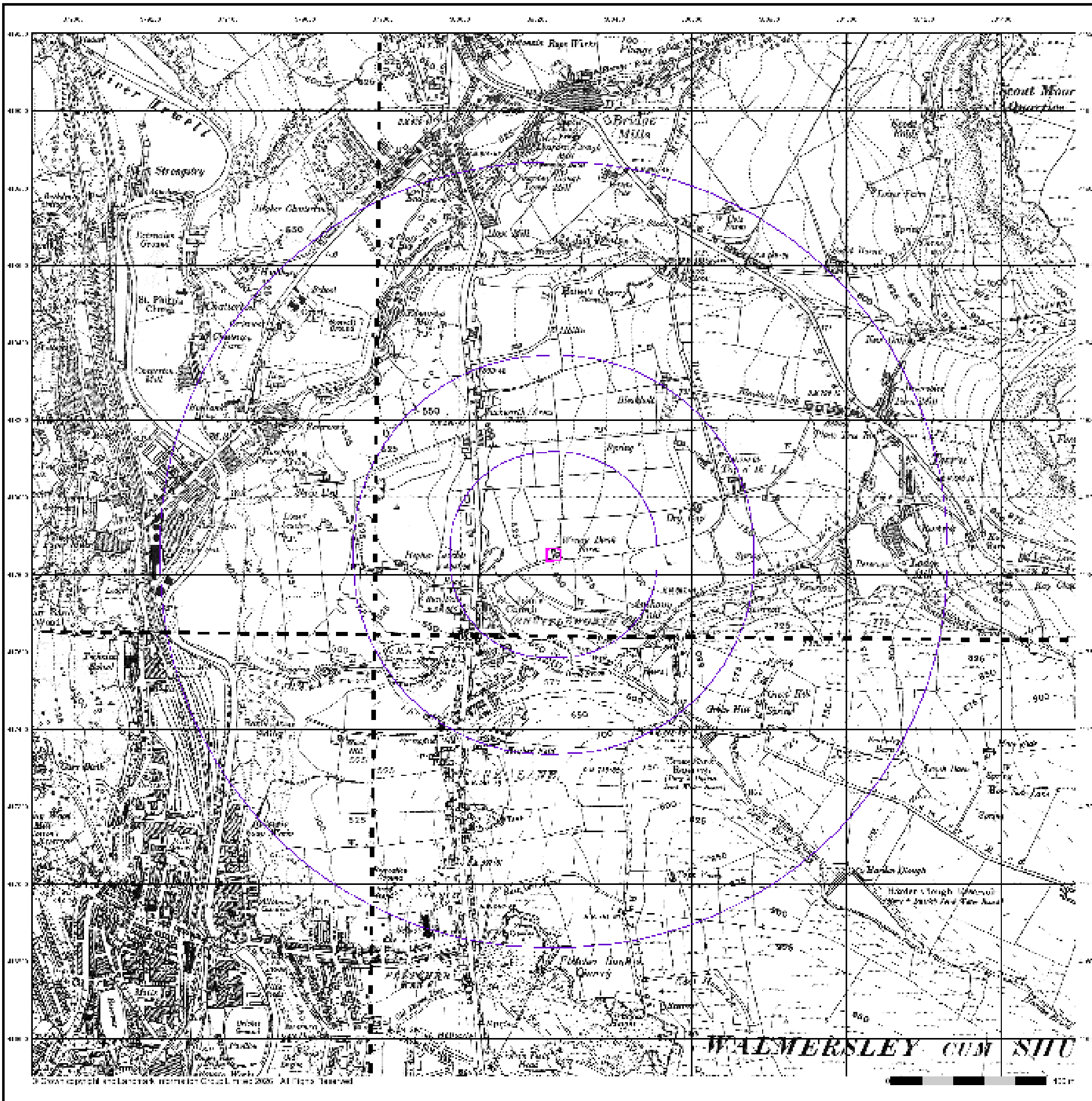
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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Lancashire And Furness

Published 1938 - 1939

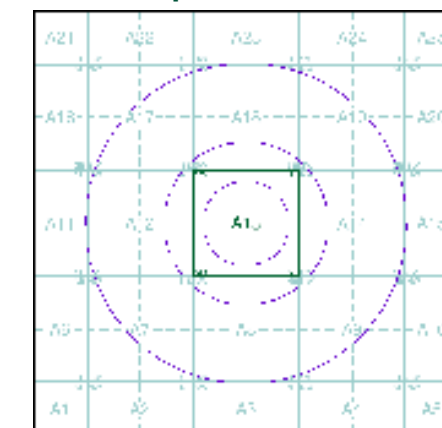
Source map scale - 1:10,560

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)

078NE 1938 1:10,560	080NW 1939 1:10,560
079SE 1938 1:10,560	080SW 1939 1:10,560

Historical Map - Slice A



Order Details

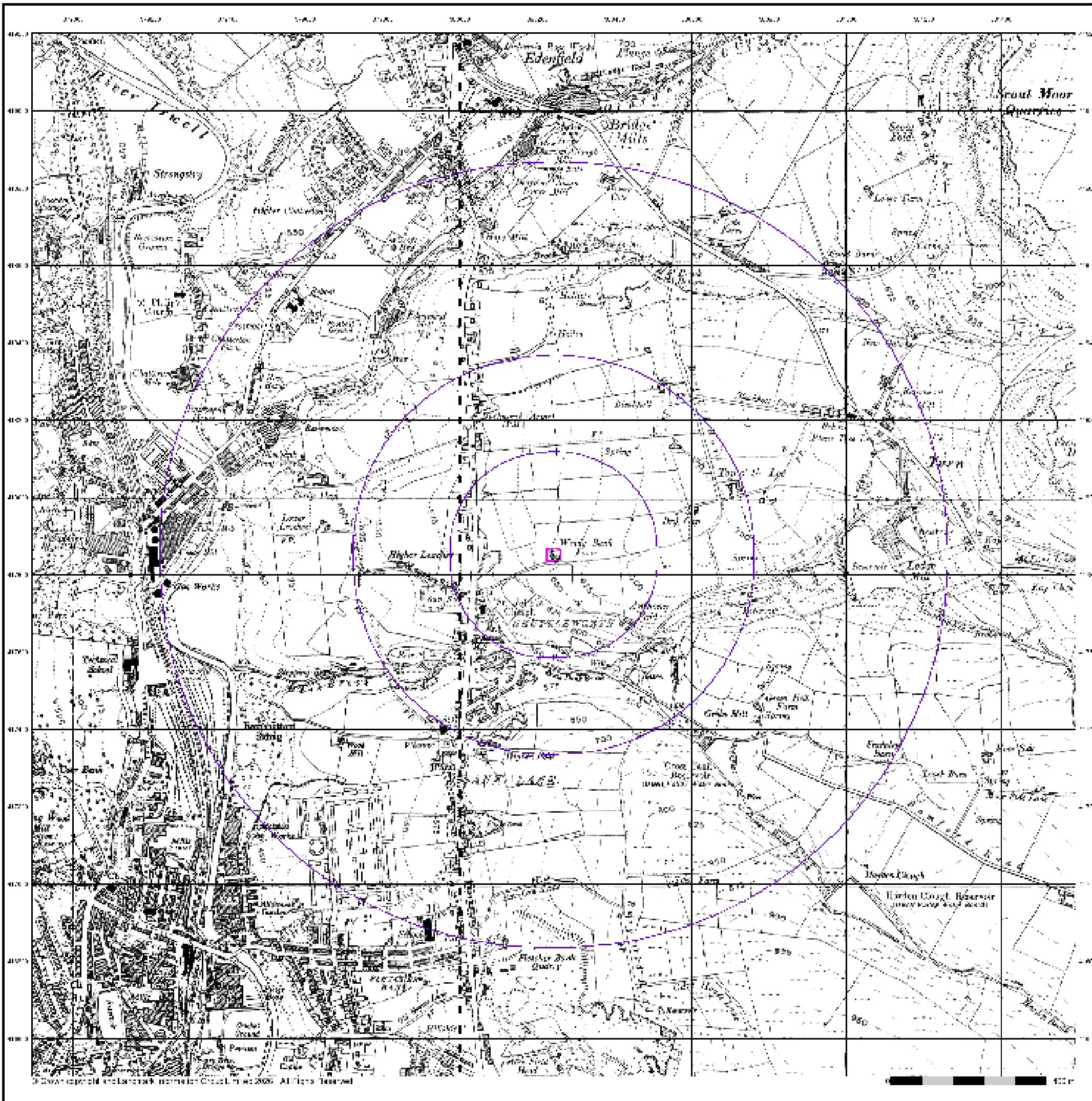
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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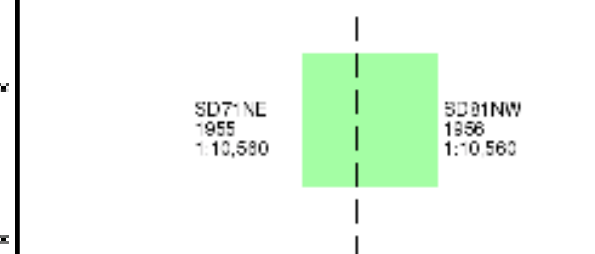
Ordnance Survey Plan

Published 1955 - 1956

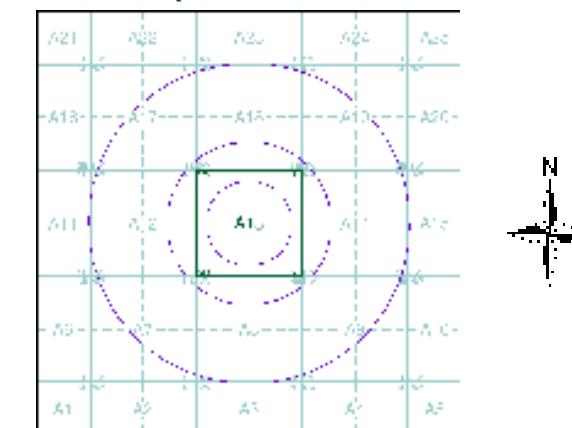
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

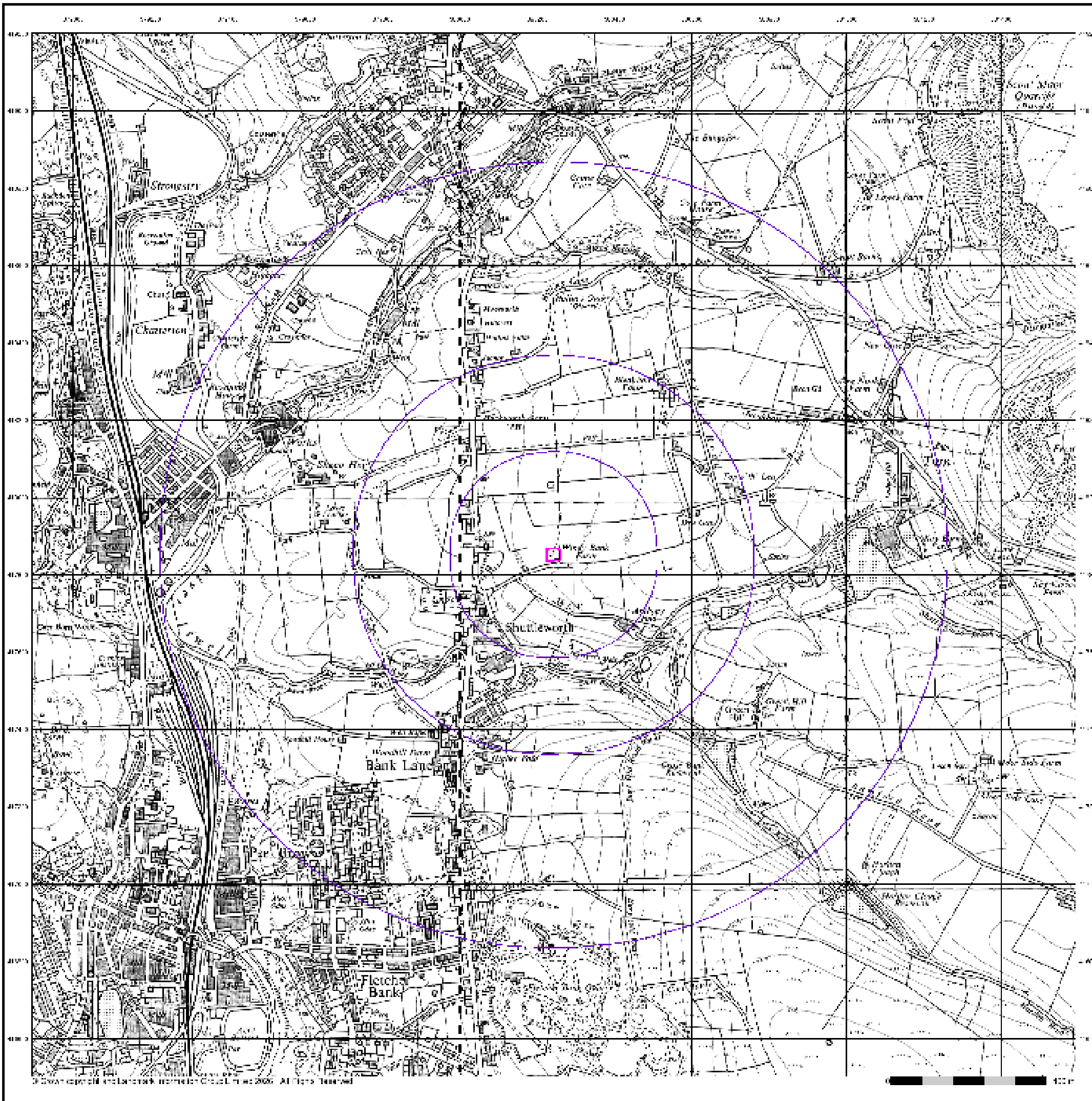
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1967 - 1968

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.

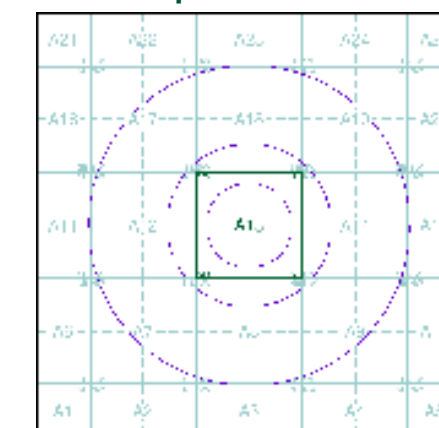
Map Name(s) and Date(s)

SD71NE
1968
1:10,560



SD81NW
1967
1:10,560

Historical Map - Slice A



Order Details

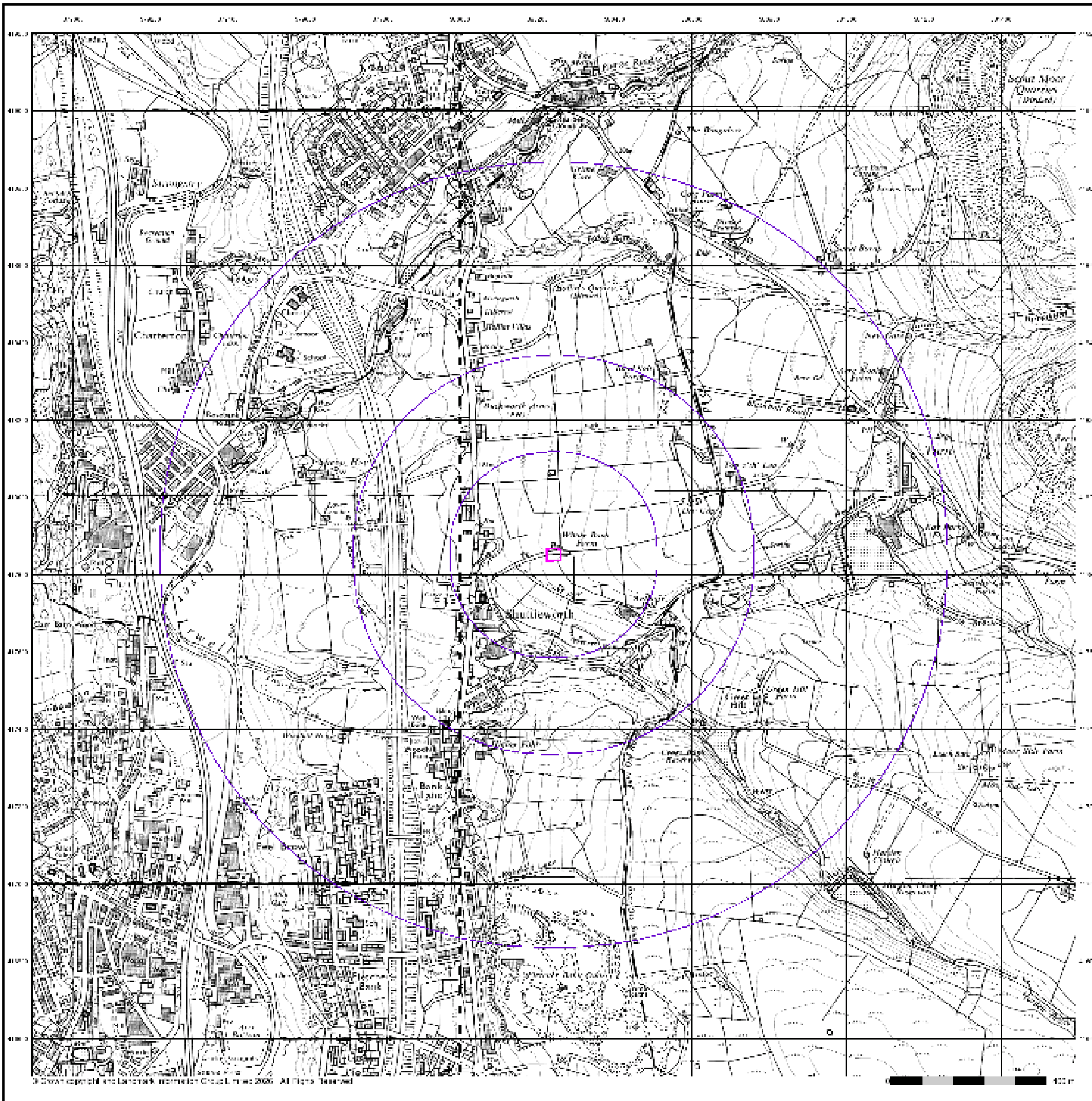
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
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Search Buffer (m): 1000

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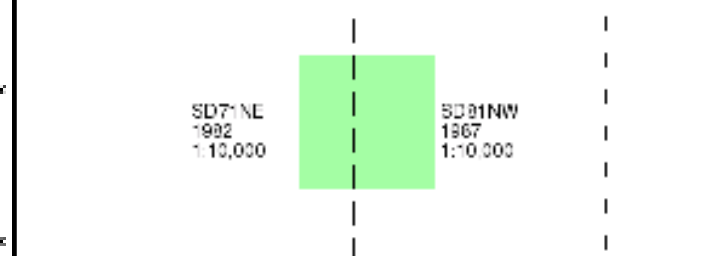
Ordnance Survey Plan

Published 1982 - 1987

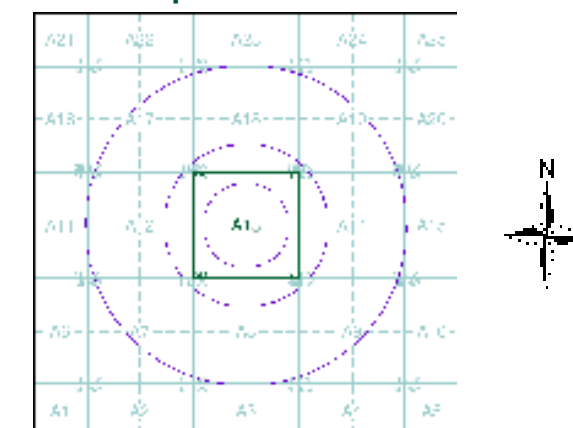
Source map scale - 1:10,000

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

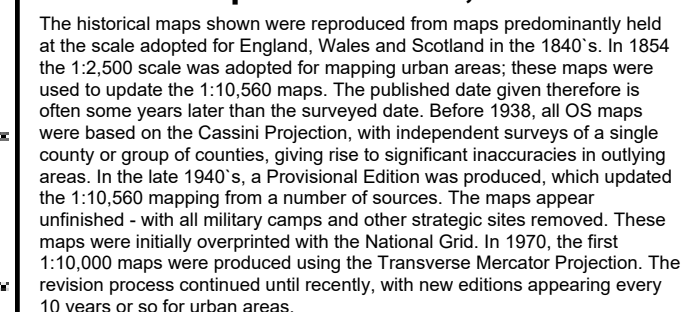
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National Grid Reference: 380240, 417850
Slice: A
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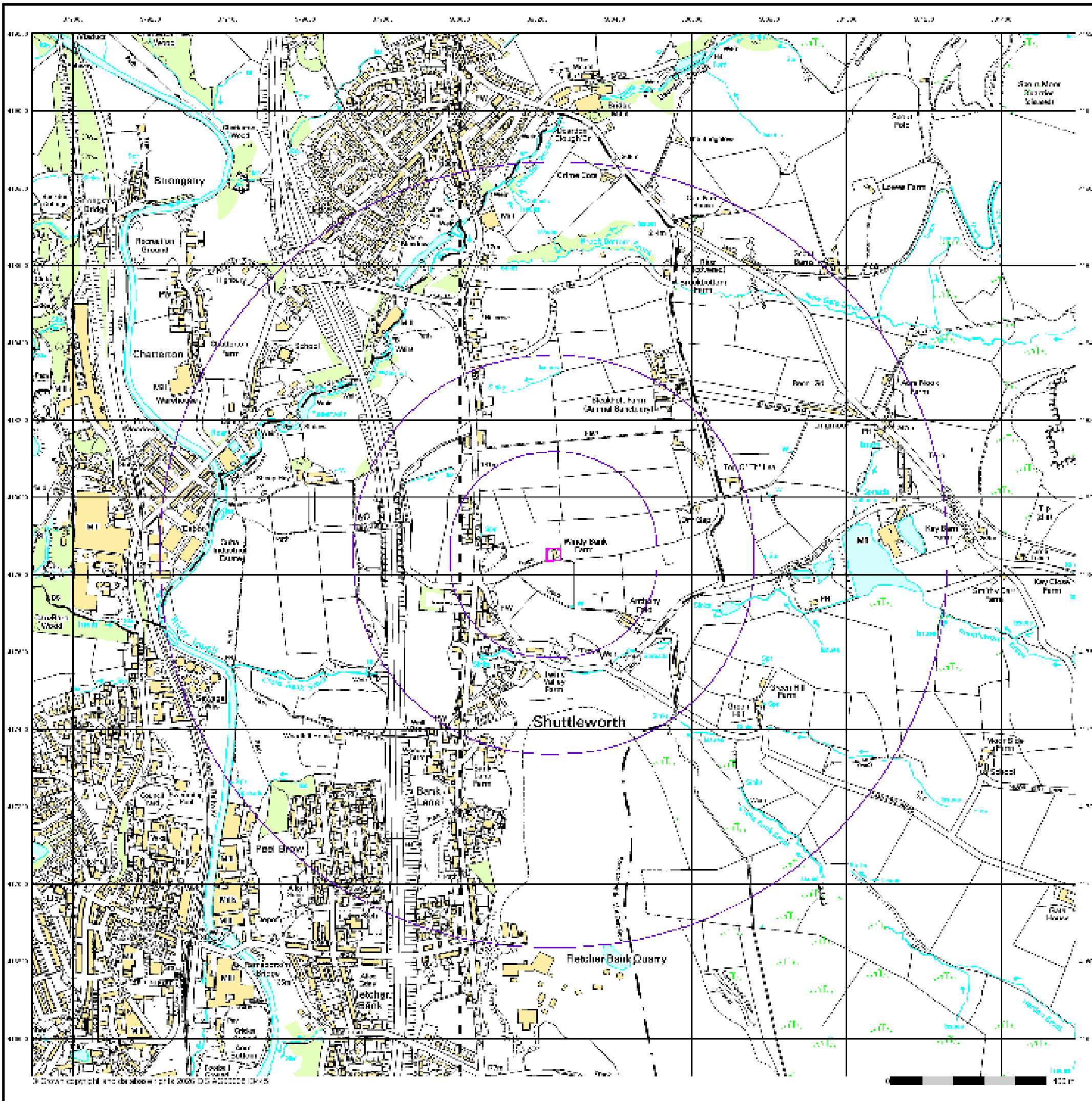
SE81NW
1593
1:10,000



Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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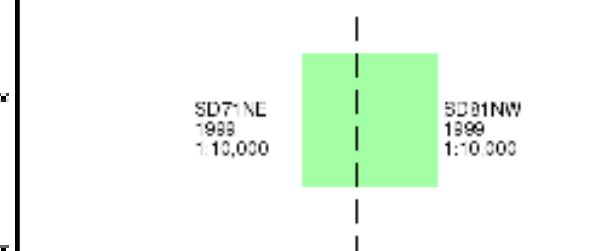
10k Raster Mapping

Published 1999

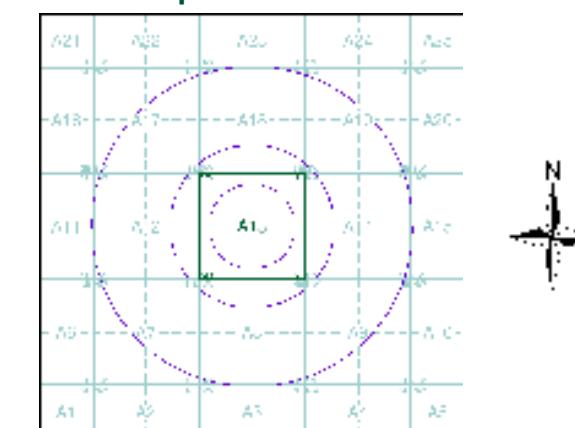
Source map scale - 1:10,000

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

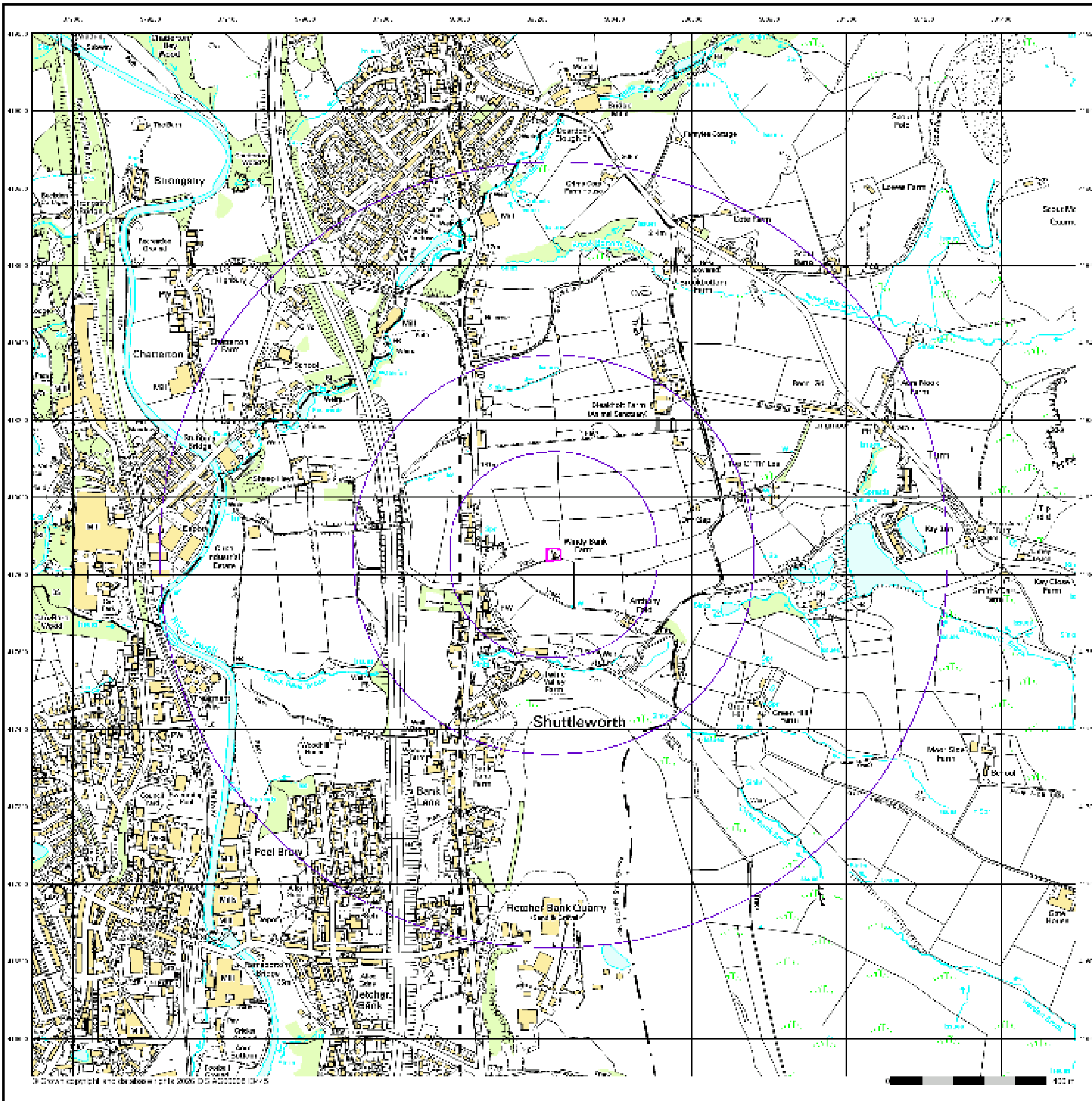
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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10k Raster Mapping

Published 2006

Source map scale - 1:10,000

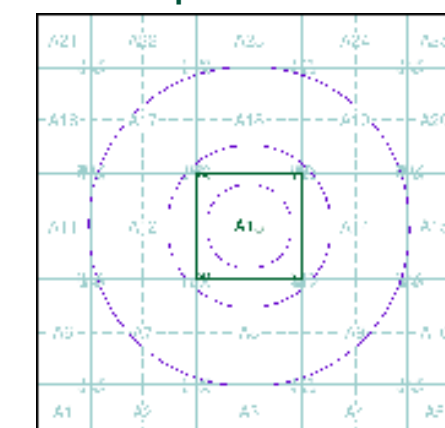
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks 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)

SD71NE
2006
1:10,000

SD81NW
2006
1:10,000

Historical Map - Slice A



Order Details

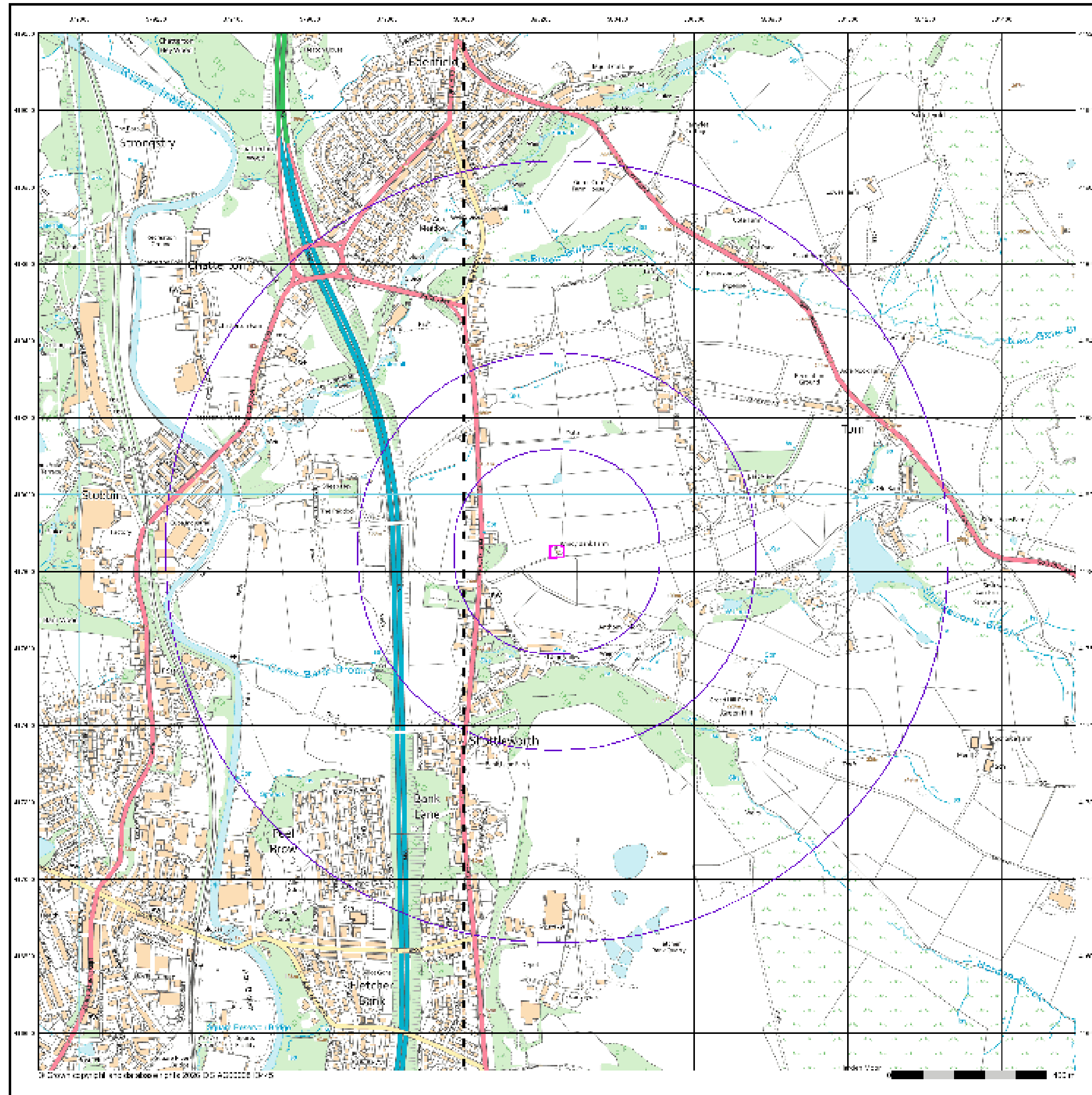
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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VectorMap Local

Published 2026

Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 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)

SD7INE
2026
Variable

SD8INW
2026
Variable

Historical Map - Slice A



Order Details

Order Number:	407055656_1_1
Customer Ref:	LKC251780
National Grid Reference:	380240, 417850
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

Site Details

LKC251780

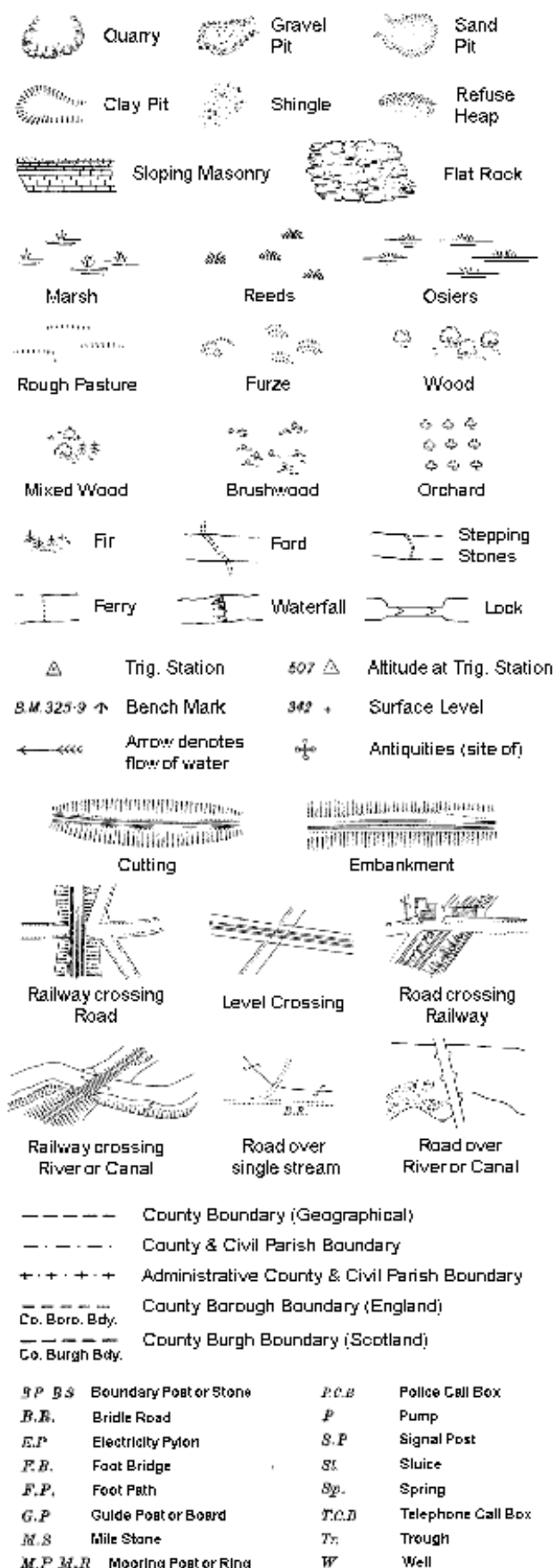


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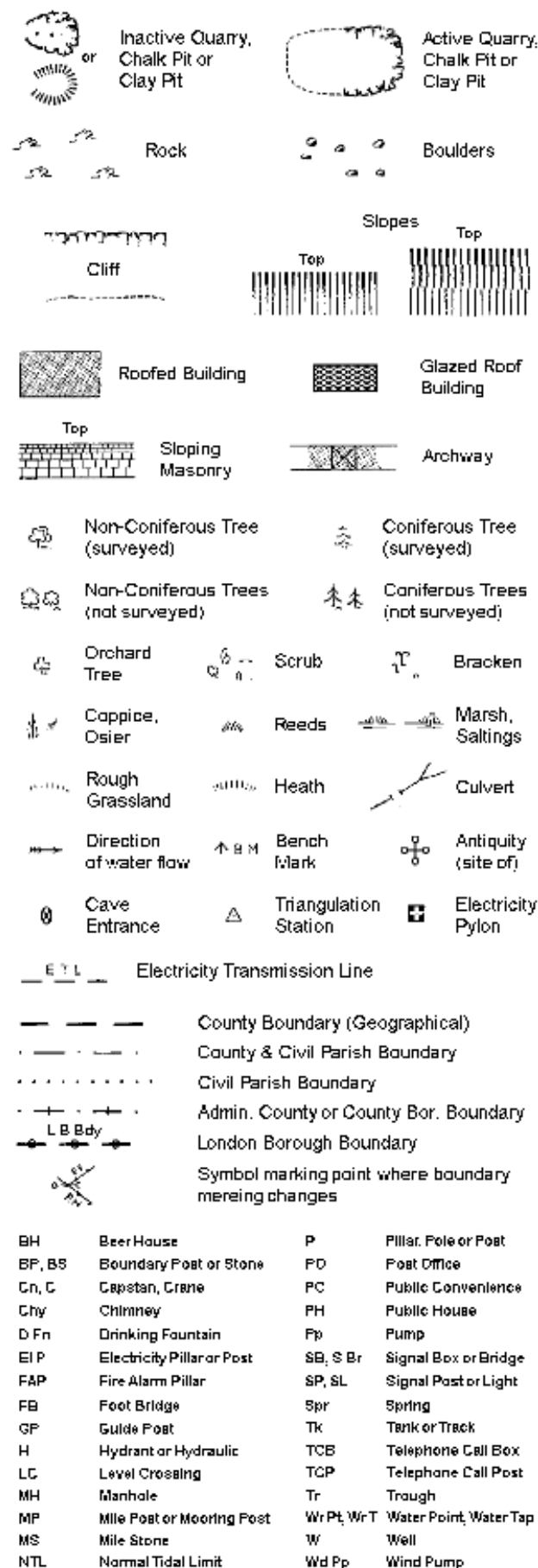
A Landmark Information Group Service v50.0 16-Jul-2026 Page 15 of 15

Historical Mapping Legends

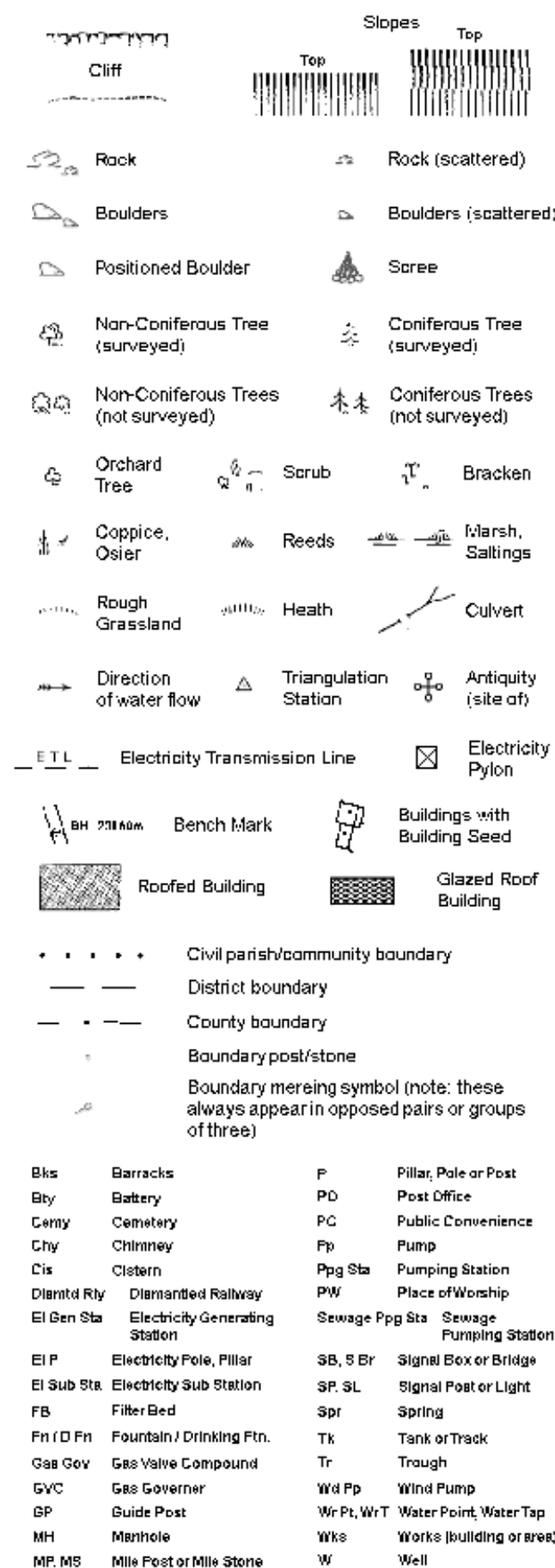
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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

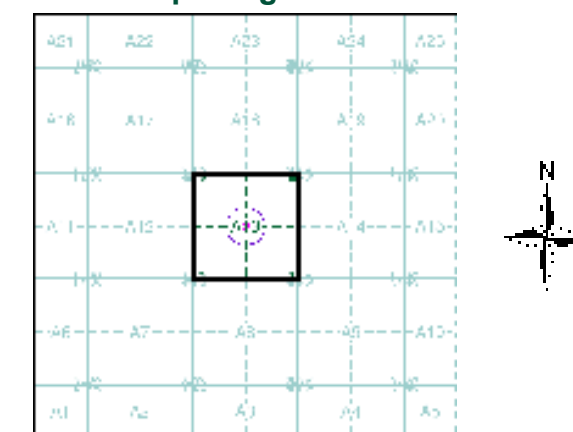


LK CONSULT

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1910	3
Lancashire And Furness	1:2,500	1929	4
Lancashire And Furness	1:2,500	1938	5
Ordnance Survey Plan	1:2,500	1963	6
Additional SIMs	1:2,500	1963 - 1980	7
Supply of Unpublished Survey Information	1:2,500	1973	8
Ordnance Survey Plan	1:2,500	1976 - 1983	9
Ordnance Survey Plan	1:2,500	1983	10
Additional SIMs	1:2,500	1983	11
Large-Scale National Grid Data	1:1,250	1992	12
Large-Scale National Grid Data	1:2,500	1992	13
Large-Scale National Grid Data	1:2,500	1993	14
Large-Scale National Grid Data	1:2,500	1994	15
Large-Scale National Grid Data	1:2,500	1996	16
Historical Aerial Photography	1:2,500	2001	17

Historical Map - Segment A13



Order Details

Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

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Lancashire And Furness

Published 1893

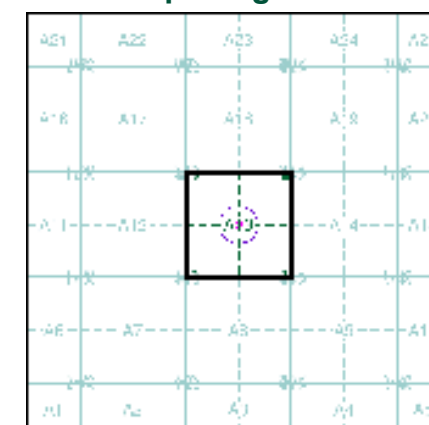
Source map scale - 1:2,500

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)

080_05
1893
1:2,500
080_05
1893
1:2,500

Historical Map - Segment A13



Order Details

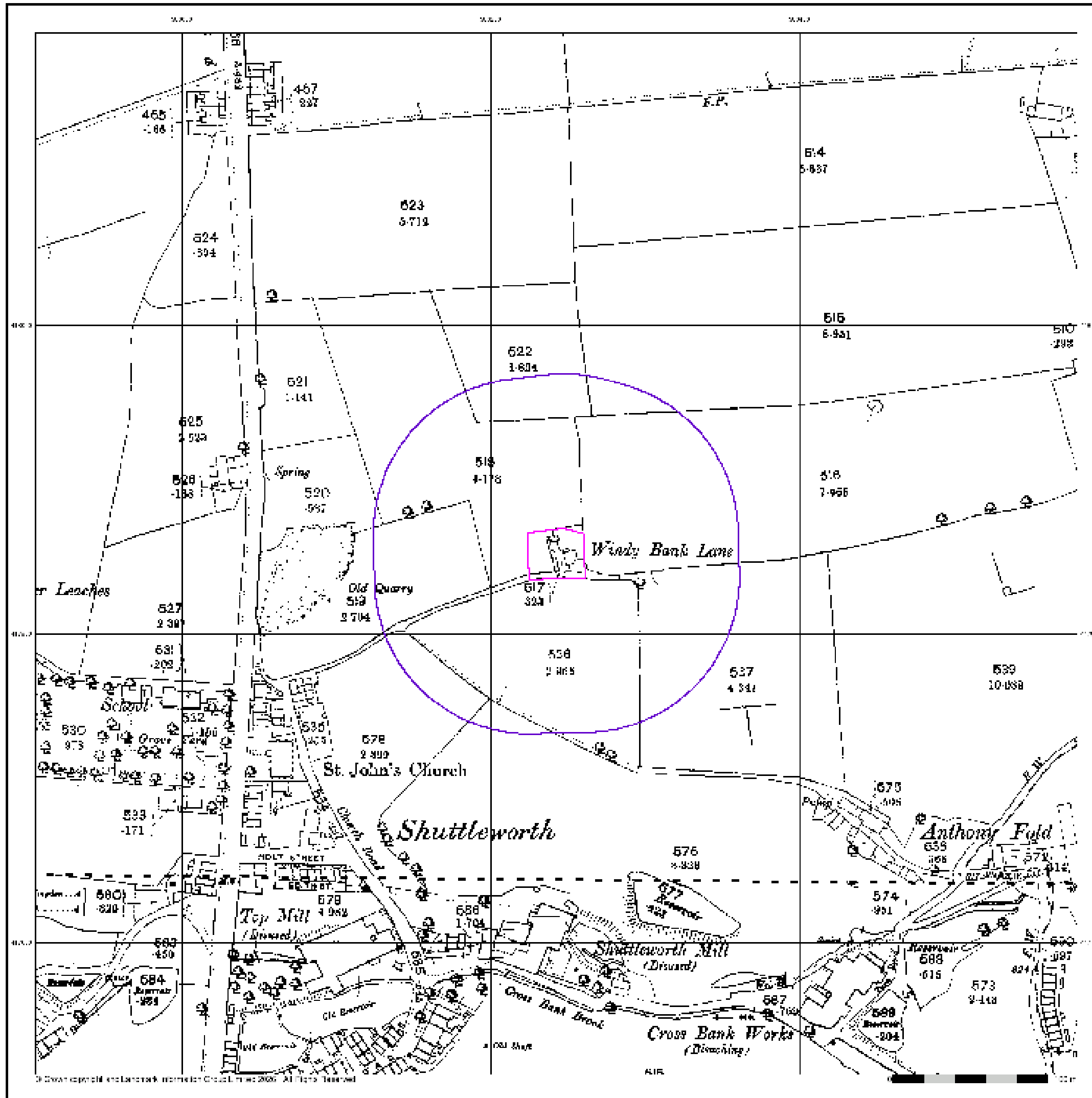
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

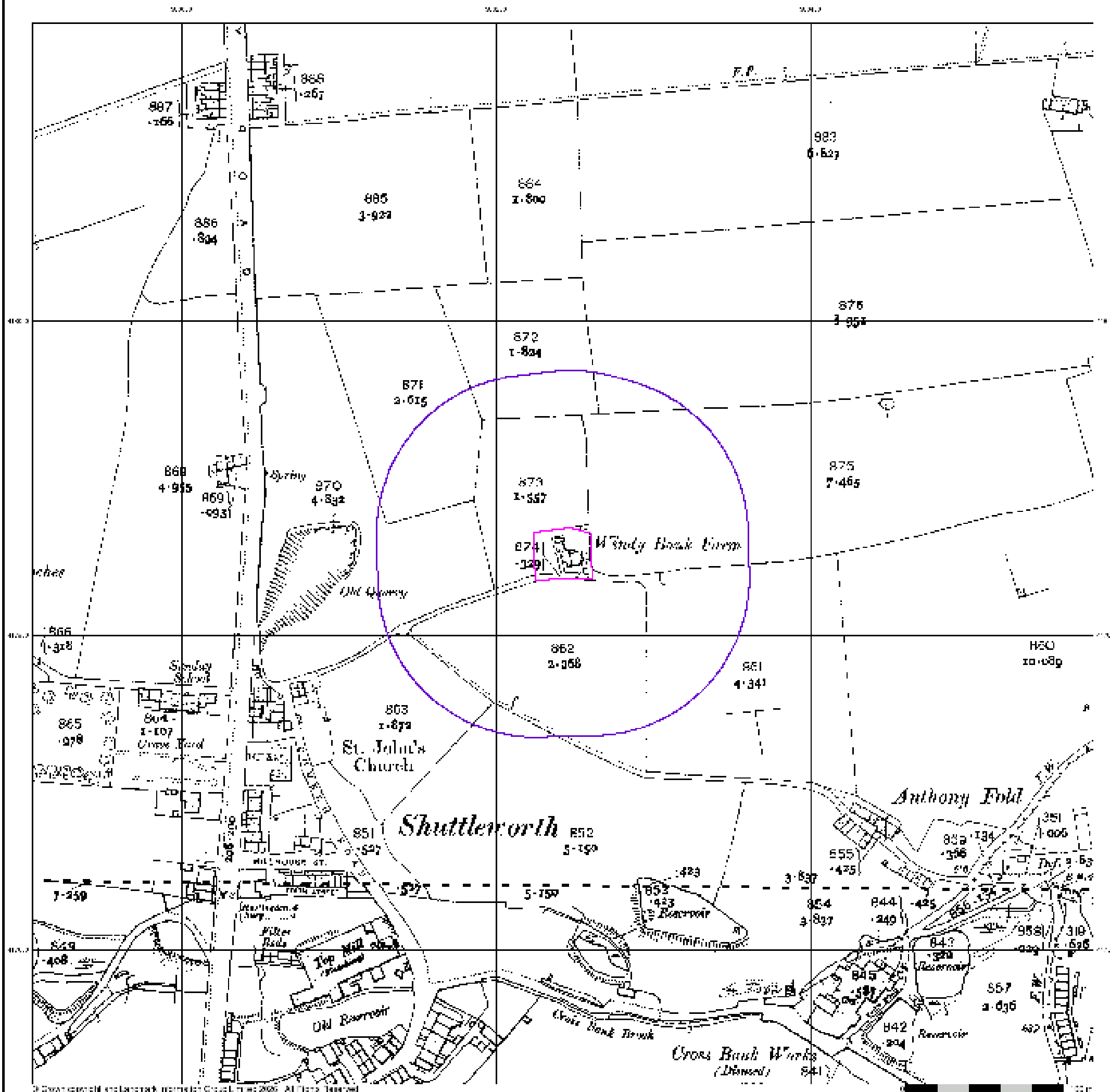
Site Details

LKC251780

Landmark
INFORMATION GROUP

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

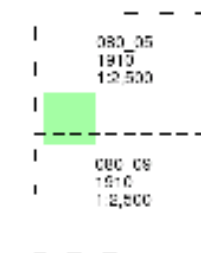




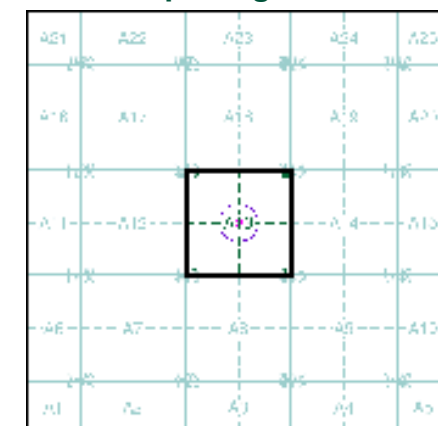
LK CONSULT
Lancashire And Furness
Published 1910
Source map scale - 1:2,500

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: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

LKC251780

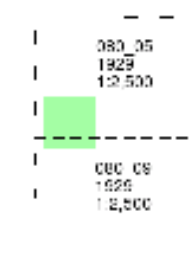
Landmark
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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

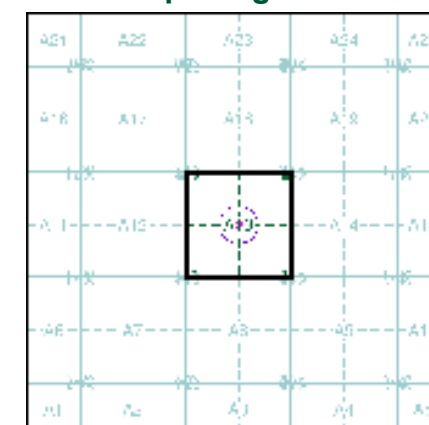


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

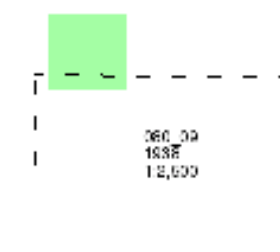
LKC251780

Landmark
INFORMATION CENTER

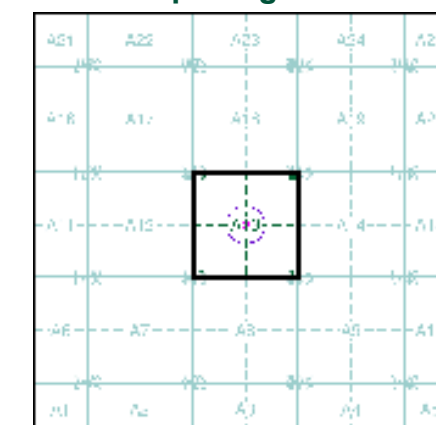
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

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

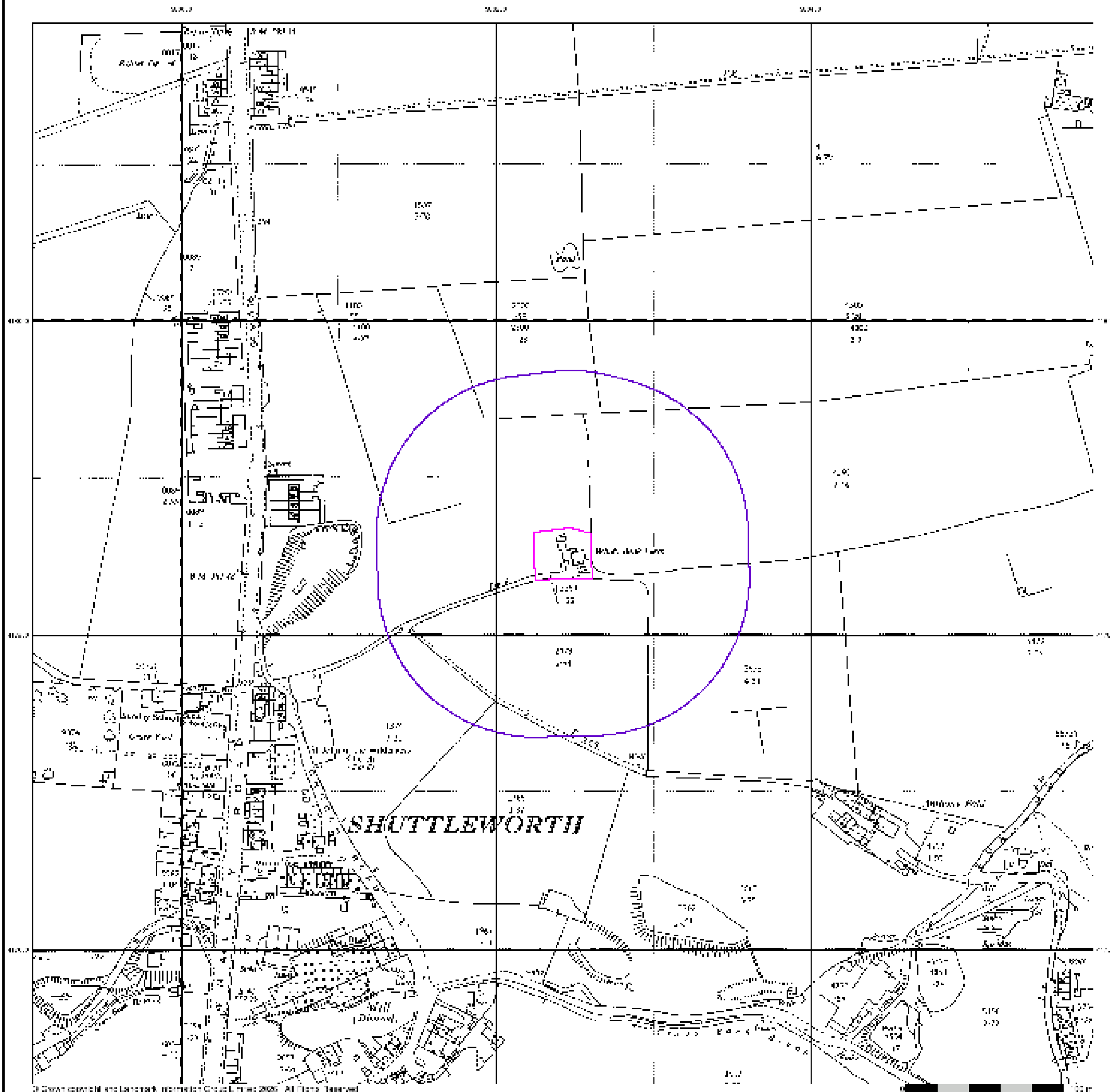


Order Details

Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

LKC251780



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Ordnance Survey Plan

Published 1963

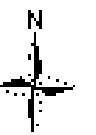
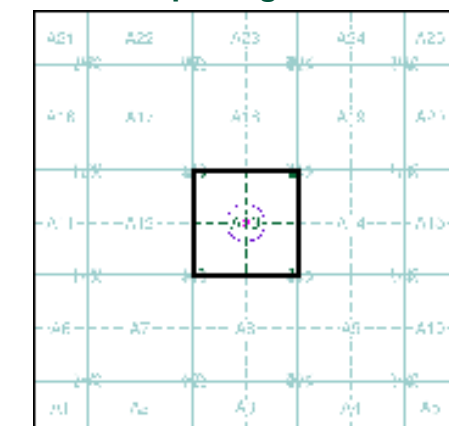
Source map scale - 1:2,500

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)

SD7918 1983 1:2,500	SD8018 1983 1:2,500
SD7917 1983 1:2,500	SD8017 1983 1:2,500

Historical Map - Segment A13



Order Details

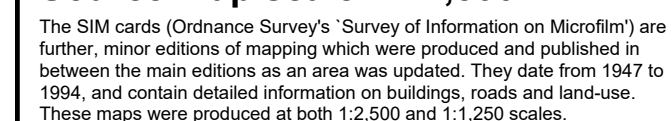
Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

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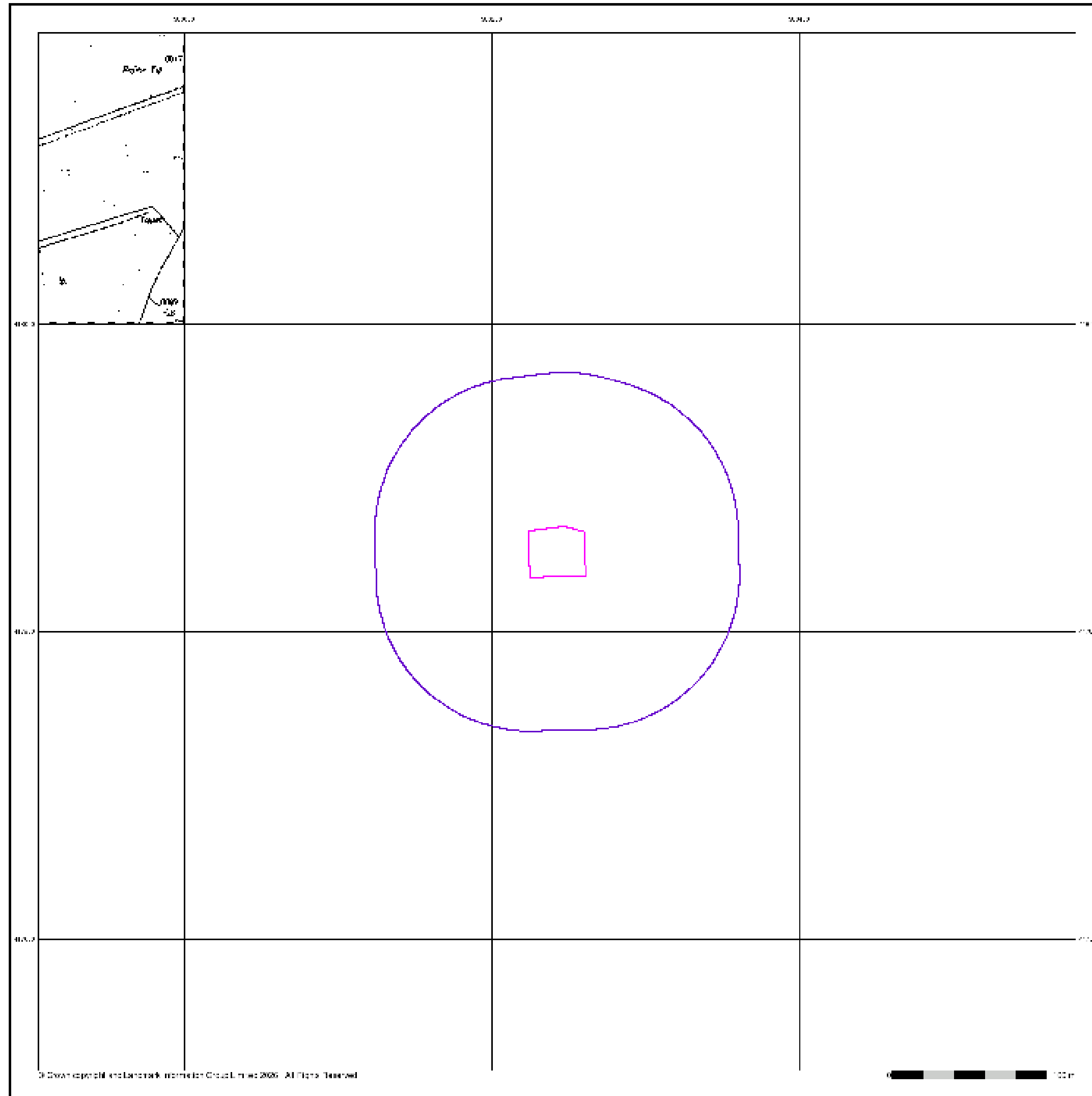


Year	Project 1 (Units)	Project 2 (Units)
1980	14,500	14,000
1981	14,750	14,250
1982	14,875	14,375
1983	15,000	14,500

Figure 1 shows a 5x5 grid of nodes labeled A1 through A25. The nodes are arranged in a regular pattern, with A1 at the top-left and A25 at the bottom-right. Node A9 is highlighted with a thick black border and a dashed purple circle. The grid is defined by dashed lines, and the nodes are arranged in a regular pattern.

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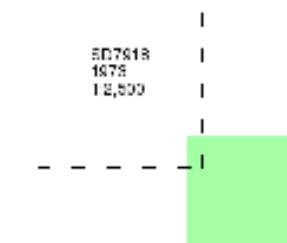
Supply of Unpublished Survey Information

Published 1973

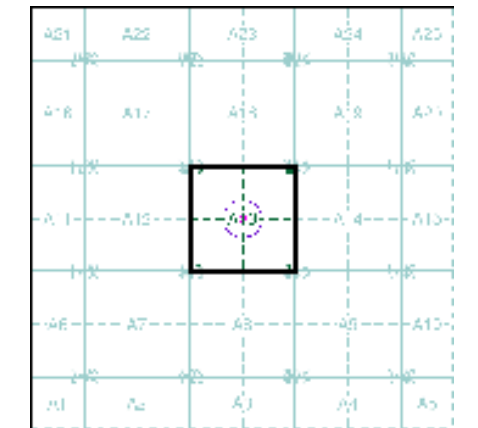
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

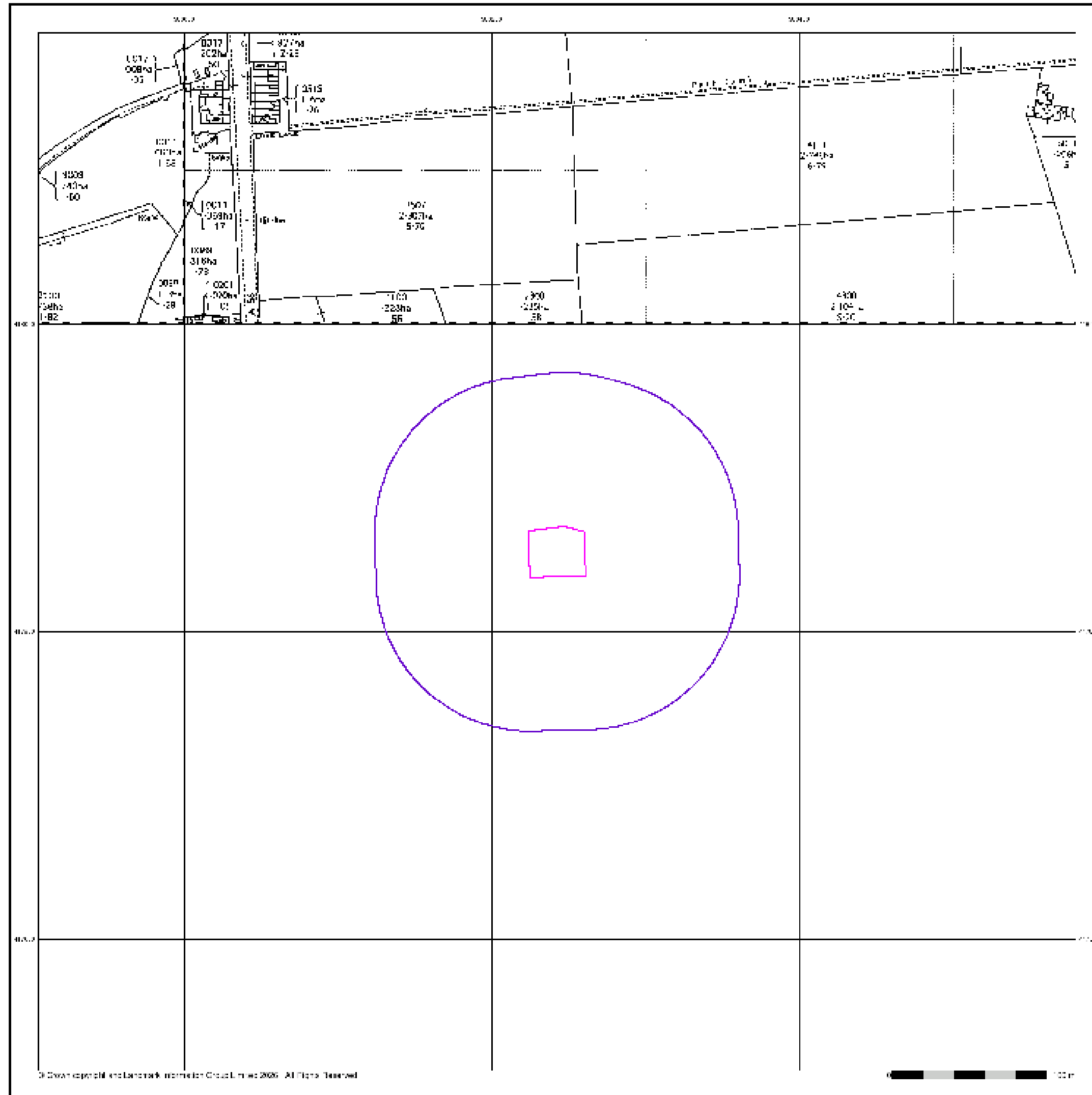
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Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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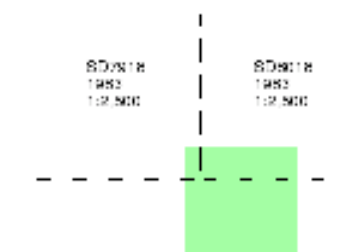
Ordnance Survey Plan

Published 1983

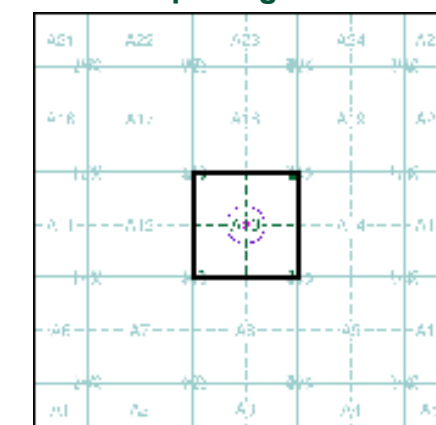
Source map scale - 1:2,500

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

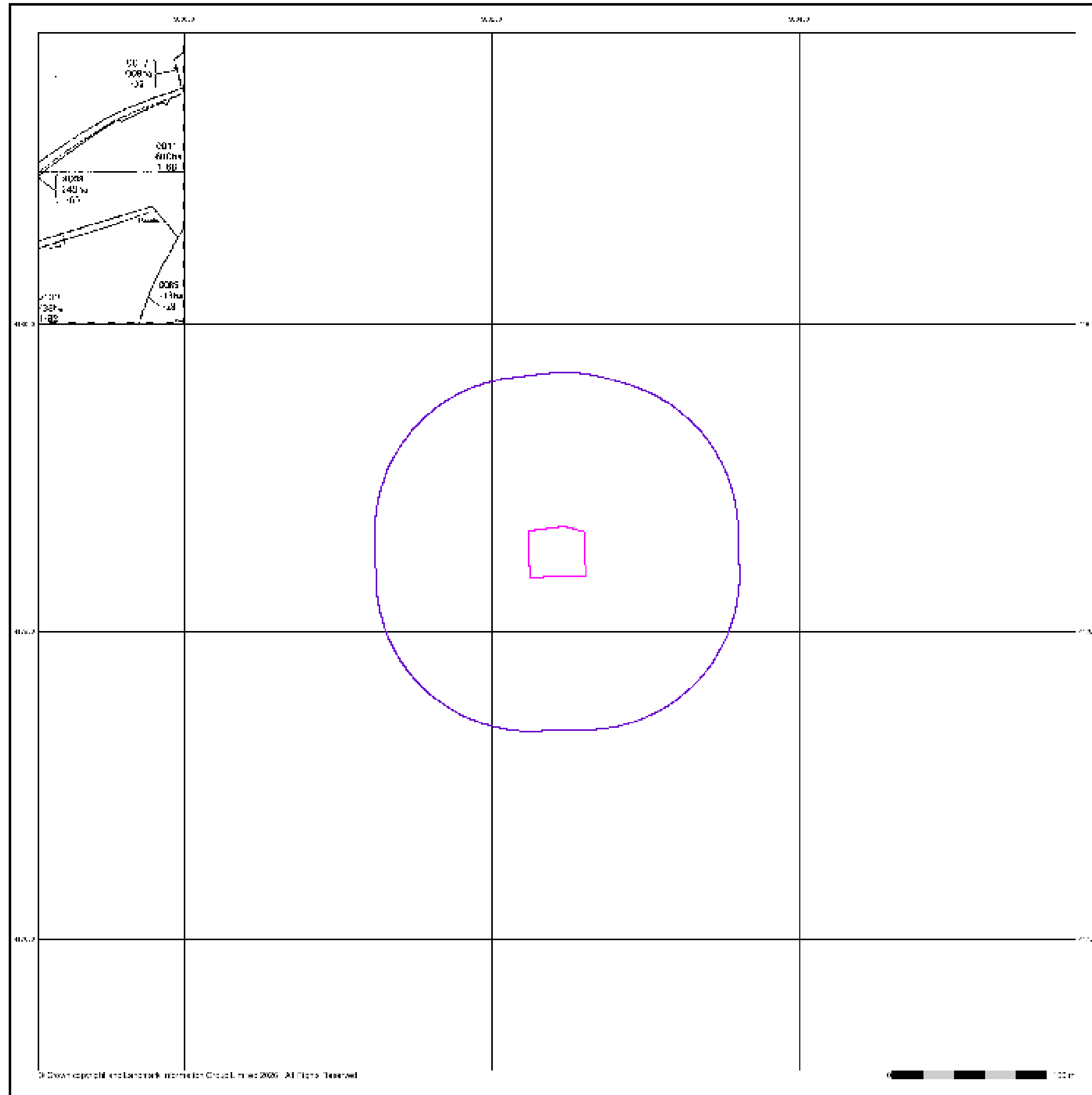
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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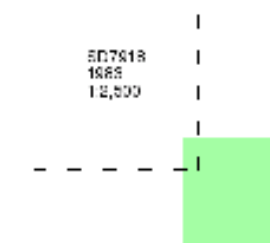
Additional SIMs

Published 1983

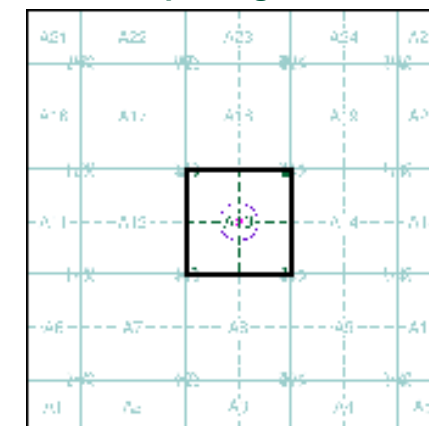
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

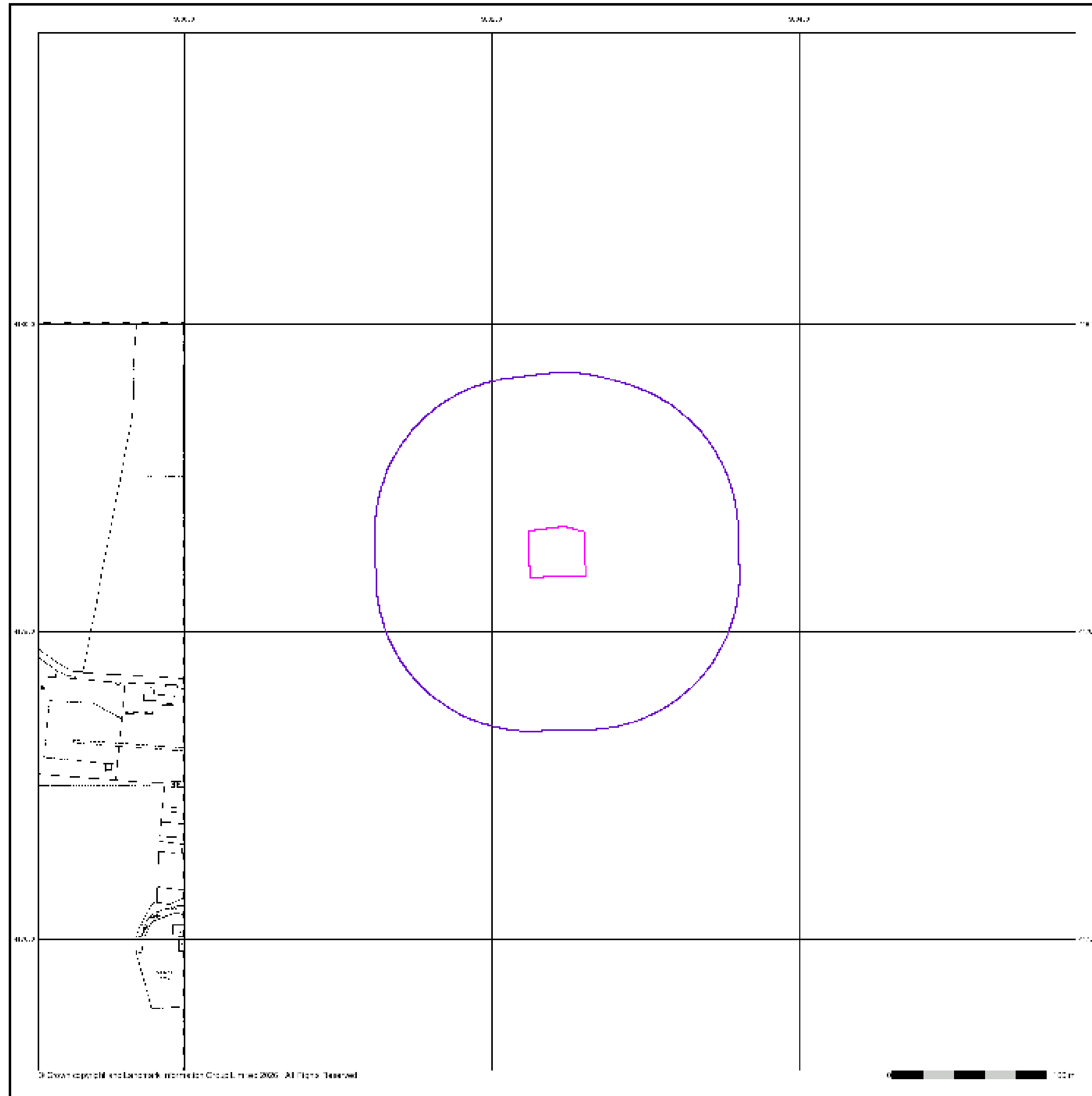
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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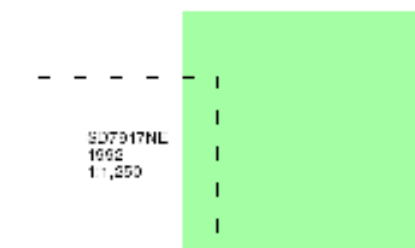
Large-Scale National Grid Data

Published 1992

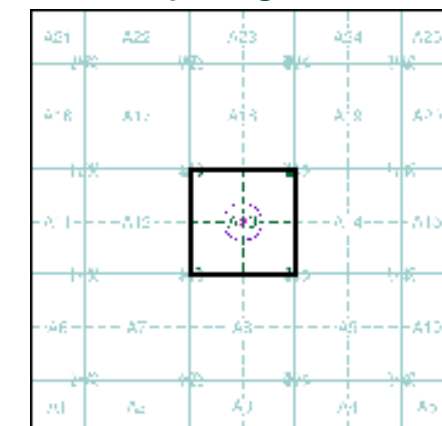
Source map scale - 1:1,250

'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

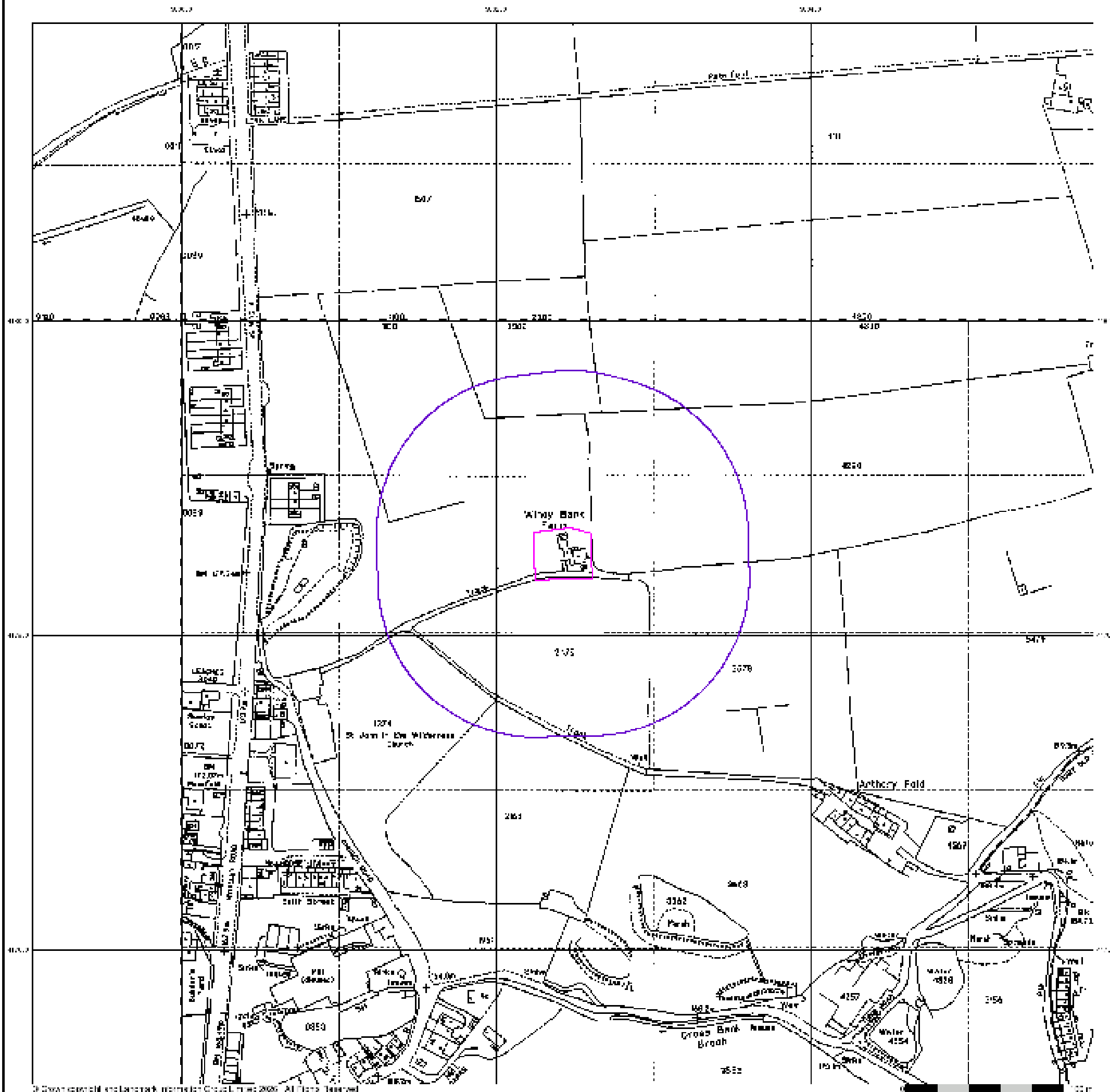
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Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1992

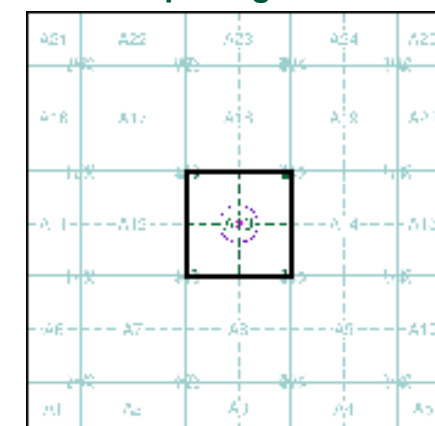
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey 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)

SD7918 1992 1:2,500	SD8018 1992 1:2,500
	SD8017 1992 1:2,500

Historical Map - Segment A13



Order Details

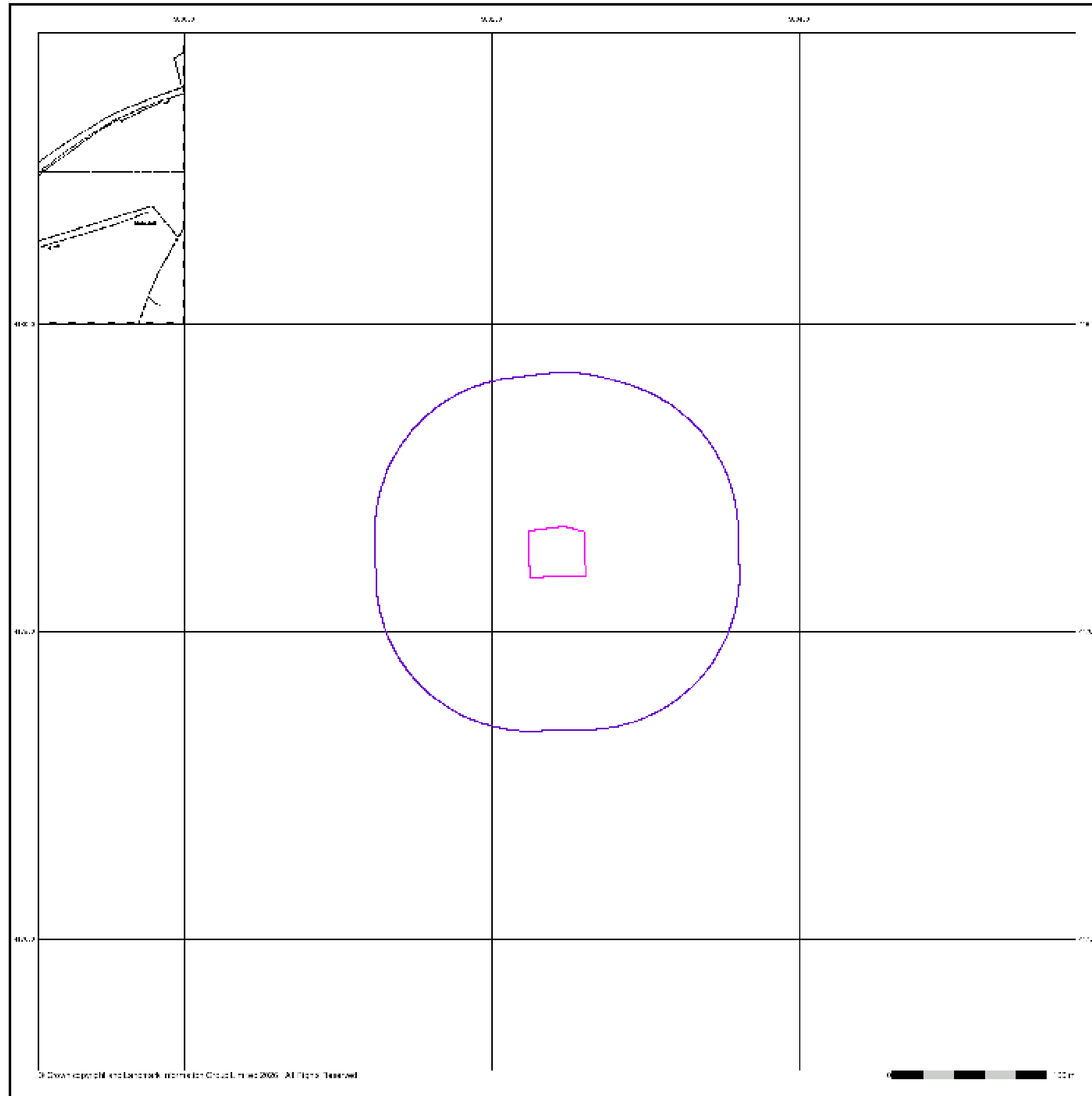
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 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1994

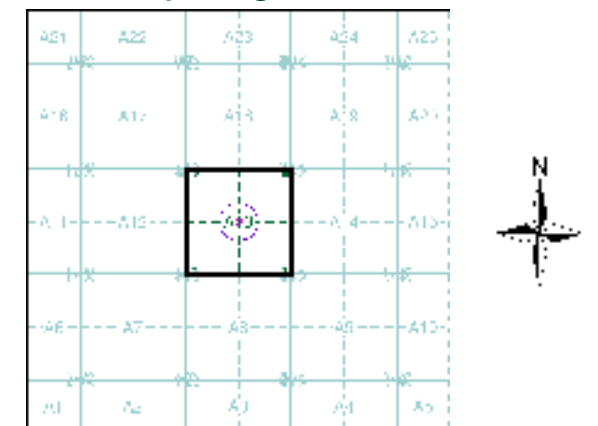
Source map scale - 1:2,500

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

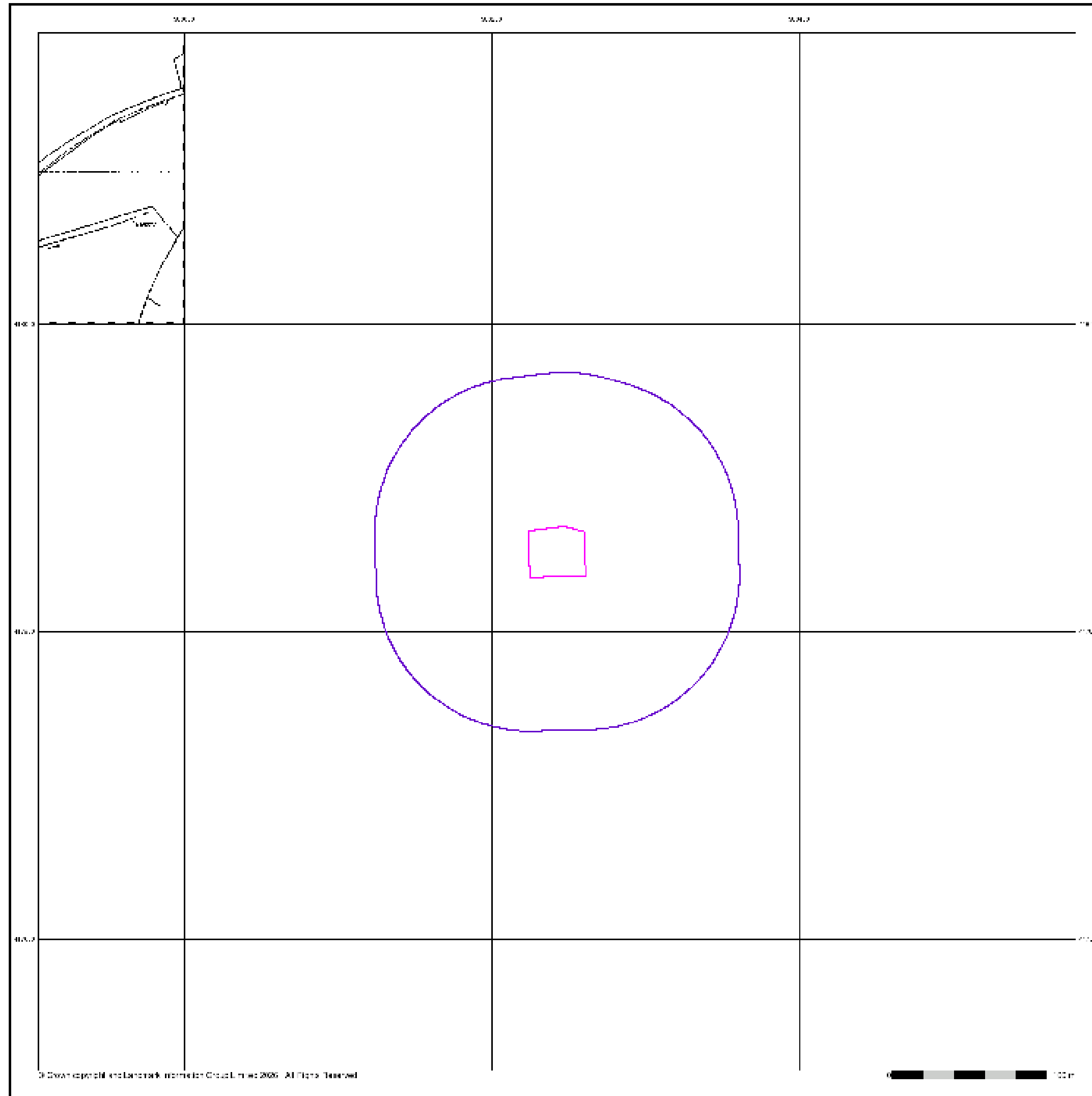
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Customer Ref: LKC251780
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Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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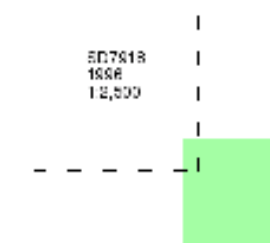
Large-Scale National Grid Data

Published 1996

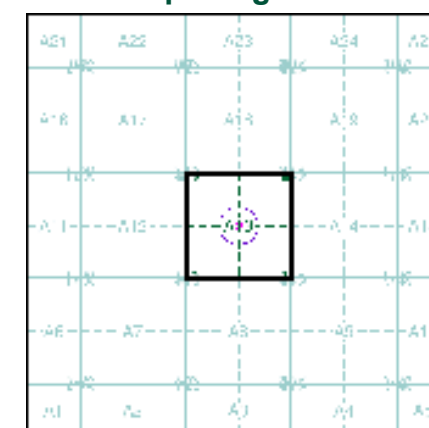
Source map scale - 1:2,500

'Large Scale National Grid Data' 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: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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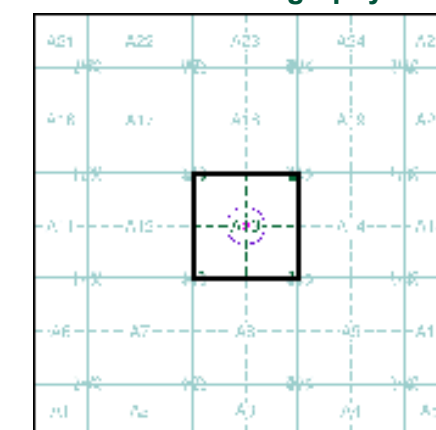
LK CONSULT

Historical Aerial Photography

Published 2001

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: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

LKC251780

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Appendix B – Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

407055656_1_1

Customer Reference:

LKC251780

National Grid Reference:

380240, 417850

Slice:

A

Site Area (Ha):

0.12

Search Buffer (m):

1000

Site Details:

LKC251780

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	37
Hazardous Substances	-
Geological	43
Industrial Land Use	47
Sensitive Land Use	56
Data Currency	57
Data Suppliers	63
Useful Contacts	64

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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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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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 2				5
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 4		1	3	8
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6			2	11 (*56)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 23	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 23	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 23	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
TAN15 Defended Zones				n/a	n/a
Reduction in Risk of Flooding from Rivers and Sea due to Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS NGD Water Network Links	pg 23			20	94
Water Framework Directive - Catchment	pg 36	Yes			
Water Framework Directive - Groundwater	pg 36	Yes			
Water Framework Directive - Surface Waters	pg 36				Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
Recorded Historical Waste Disposal Sites (1973 Survey)					
Historical Landfill Sites	pg 37		2	2	4
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 38			1	
Licensed Waste Management Facilities (Locations)	pg 38			1	2
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 39			2	2
Potentially Infilled Land (Water)	pg 39		1	1	7
Registered Landfill Sites	pg 40			1	1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Waste Exemption Permits	pg 40			3	2
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 43	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 43	Yes			Yes
BGS Recorded Mineral Sites	pg 43		1	2	8
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 45	Yes	n/a	n/a	n/a
Mining Instability	pg 45	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 45	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 45	Yes	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 46	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 46	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 46	Yes	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 47			3	14
Fuel Station Entries					
Points of Interest - Commercial Services	pg 48			1	4
Points of Interest - Education and Health	pg 49				1
Points of Interest - Manufacturing and Production	pg 49				30
Points of Interest - Public Infrastructure	pg 51			5	41
Points of Interest - Recreational and Environmental	pg 55				3
Pollution Inventory					
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	pg 56	1		2	
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: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SE)	0	1	380242 417851
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	380250 417851
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	0	1	380242 417850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	25	1	380200 417851
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	25	1	380200 417850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	32	1	380242 417900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	42	1	380200 417900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	75	1	380150 417850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	82	1	380250 417950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	83	1	380150 417800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	95	1	380300 417950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	114	1	380150 417750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	130	1	380100 417800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	136	1	380242 417700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	138	1	380200 417700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	155	1	380150 417700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	186	1	380242 417650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	186	1	380250 417650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	225	1	380000 417851
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	238	1	380300 418100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	240	1	380300 417600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	304	1	380500 417650

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	A13NW (NW)	334	1	380050 418150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	336	1	380242 417500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	337	1	380500 417600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	344	1	380150 417500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	363	1	380000 418150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	387	1	380600 417650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	389	1	380300 417450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	399	1	380650 417750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	403	1	380000 418200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	406	1	380100 417450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	407	1	380550 417550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	445	1	380000 418250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	446	1	380350 417400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	490	1	380000 417400
1	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Bolton Road North Sps Edenfield, Ramsbottom, Bury, Lancashire, BL0 0ly Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982309 Permit Version: 1 Effective Date: 9th June 1976 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Dearden Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	622	2	379700 418200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: United Utilities Water Plc Property Type: Sewerage Network - Pumping Station - Water Company Location: Turn Village Ps, Nr Ramsbottom, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROS0071 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A14NE (E)	874	2	381130 417945
2	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Turn Village Ps, Nr Ramsbottom, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982824 Permit Version: 1 Effective Date: 30th September 1994 Issued Date: 30th September 1994 Revocation Date: 14th August 2006 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Into And/Or Watercourse Environment: Receiving Water: Mill Lodge Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A14NE (E)	875	2	381130 417950
3	Discharge Consents Operator: Marshalls Mono Limited Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Fletcher Bank Quarry, Ramsbottom, Lancashire, B10 0dd Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993456 Permit Version: 1 Effective Date: 8th November 2002 Issued Date: 8th November 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater 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	A8SE (S)	879	2	380330 416960
4	Discharge Consents Operator: Sterling Stubbins Mill Ltd Property Type: MAKING OF PAPER+PAPER PRODUCTS Location: Sterling Stubbins Ltd Stubbins Lane, Ramsbottom, Nr Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016990076 Permit Version: 1 Effective Date: 1st January 1980 Issued Date: Not Supplied Revocation Date: 31st August 1989 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A12SW (W)	956	2	379270 417790
	Nearest Surface Water Feature	A13NW (N)	163	-	380236 418030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Pollution Incidents to Controlled Waters Property Type: Restaurant/Hotels/Pubs Location: Shuttleworth Near, RAMSBOTTOM Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Crude Sewage And Debris; Cross Bark Brook; Crude Sewage And Debris Incident Date: 27th March 1997 Incident Reference: 97620522 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Blocked Sewer Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	240	2	380300 417600
6	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Cross Bank Bk; No Pollution Found Incident Date: 21st February 1995 Incident Reference: 95620359 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	A13SE (SE)	275	2	380400 417600
7	Pollution Incidents to Controlled Waters Property Type: Agriculture: Land / Fields Location: Twine Cottages, Shuttleworth, RAMSBOTTOM, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Mixed Construction / Demolition Waste Note: Not Supplied Incident Date: 24th August 1999 Incident Reference: 31702 Catchment Area: Irwell Receiving Water: River Stretch (Freshwater) Cause of Incident: Unauthorised Activity : Other Activity Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A14SW (E)	441	2	380700 417800
8	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Other Note: Dearden Brook; Kitchen Waste Incident Date: 23rd November 1995 Incident Reference: 95622846 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	A18SW (N)	452	2	380100 418300
9	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Detergents/Surfactant Note: Dearden Brook Incident Date: 9th August 1994 Incident Reference: 94621823 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	A12NW (W)	737	2	379500 418000
10	Pollution Incidents to Controlled Waters Property Type: Textile industry Location: Smell Of Sulphated Hydogen, Dearden Brook Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Deardon Brook; Not Known Incident Date: 14th October 1997 Incident Reference: 97621786 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	749	2	379700 418400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: Dearden Brook Incident Date: 30th June 1995 Incident Reference: 95621607 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	A17SE (NW)	761	2	379600 418300
12	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Fuel Oil Note: Dearden Brook Incident Date: 1st February 1995 Incident Reference: 95620205 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	823	2	379700 418500
13	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: River Irwell, A676, STUBBI Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Mineral & Synthetic Oils Note: Not Supplied Incident Date: 6th January 1999 Incident Reference: 368 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A12SW (W)	826	2	379400 417800
14	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Dearden Brook Tributary Incident Date: 9th March 1994 Incident Reference: 94620445 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Wrong Connection Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	849	2	379800 418600
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: River Irwell Incident Date: 7th October 1995 Incident Reference: 95622488 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Mechanical Failure Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	857	2	379400 418100
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Lancashire Authority: Environment Agency, North West Region Pollutant: Unknown Note: Dearden Brook; No Pollution Found Incident Date: 20th October 1995 Incident Reference: 95622583 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	A17SW (NW)	932	2	379400 418300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Water Abstractions Operator: Marshalls Mono Ltd Licence Number: 2569001199 Permit Version: 101 Location: Cross Bank Brk At Ramsbottom, Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Ramsbottom, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th August 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	364	2	380400 417500
17	Water Abstractions Operator: Marshalls Mono Ltd Licence Number: 2569001199 Permit Version: 100 Location: Cross Bank Brk At Ramsbottom, Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 136 Yearly Rate (m3): 34096 Details: Premises At Ramsbottom, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th February 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	364	2	380400 417500
18	Water Abstractions Operator: Turnbull & Stockdale Ltd Licence Number: 2569001179 Permit Version: 100 Location: Reservoir At Premises, Edenwood Mill, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1091 Yearly Rate (m3): 218208 Details: Edenwood Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd January 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	764	2	379800 418500
19	Water Abstractions Operator: B & J Ovenden Licence Number: 2569001099 Permit Version: 100 Location: Spring Fed Catchpit At Top O'Th' Lee And Dry Gap Farms, S 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): 8 Yearly Rate (m3): 2741 Details: Top O' Th' Lee And Dry Gap Farms 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	A14NE (E)	777	2	381000 418100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Water Abstractions Operator: Edward Turnbull & Co Ltd Licence Number: 2569001180 Permit Version: 101 Location: Reservoir At Rosebank Printworks Ramsbottom Near Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises, Bleach Croft Mill,Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	798	2	379500 418200
20	Water Abstractions Operator: Edward Turnbull & Co Ltd Licence Number: 2569001180 Permit Version: 100 Location: Reservoir At Rosebank Printworks, Ramsbottom, Near Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1964 Yearly Rate (m3): 547793 Details: Premises, Bleach Croft Mill,Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	798	2	379500 418200
21	Water Abstractions Operator: Edward Turnbull & Co Ltd Licence Number: 2569001086 Permit Version: 101 Location: Borehole At Premises Rosebank Printworks Ramsbottom Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises Croft Bleach Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NW (W)	836	2	379400 418000
21	Water Abstractions Operator: Edward Turnbull & Co Ltd Licence Number: 2569001086 Permit Version: 100 Location: Borehole At Premises, Rosebank Printworks, Ramsbottom, Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1091 Yearly Rate (m3): 13638 Details: Premises Croft Bleach Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th January 1981 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NW (W)	836	2	379400 418000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Water Abstractions Operator: M B Tomaszewski Licence Number: 2569001012 Permit Version: 100 Location: Reservoir Fed By New Gate Brk And Field Drainage, Adjacent Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 11 Yearly Rate (m3): 3982 Details: Cotton Spinning Mill Premises, Turn Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th January 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NE (E)	941	2	381200 417900
23	Water Abstractions Operator: B & J Ovenden Licence Number: 2569001100 Permit Version: 100 Location: Spring Fed Catchpit At Green Hill Farm, Shuttleworth, Rams 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): 4 Yearly Rate (m3): 1496 Details: Green Hill Farm, Shuttleworth 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	A9NE (SE)	946	2	381100 417400
24	Water Abstractions Operator: Essity Uk Limited Licence Number: 2569001201 Permit Version: 105 Location: River Irwell At 'A' At Stubbins, Ramsbottom, Bury. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 19th March 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (W)	981	2	379246 417768
24	Water Abstractions Operator: Sca Hygiene Products Uk Ltd Licence Number: 2569001201 Permit Version: 104 Location: River Irwell At 'A' At Stubbins, Ramsbottom, Bury. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 8th July 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (W)	981	2	379246 417768

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Water Abstractions Operator: Sca Hygiene Products Tissue Limited Licence Number: 2569001201 Permit Version: 103 Location: River Irwell At 'A' At Stubbins, Ramsbottom, Bury. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 8th November 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SW (W)	981	2	379246 417768
	Water Abstractions Operator: Sca Hygiene Products Tissue Limited Licence Number: 2569001201 Permit Version: 102 Location: R Irwell At Ramsbottom, Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Stubbins, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SE (W)	1026	2	379200 417800
	Water Abstractions Operator: Georgia-Pacific Gb Ltd Licence Number: 2569001201 Permit Version: 101 Location: R Irwell At Ramsbottom, Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Stubbins, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (W)	1026	2	379200 417800
	Water Abstractions Operator: Fort James Uk Ltd Licence Number: 2569001201 Permit Version: 100 Location: R Irwell At Ramsbottom, Bury Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 11365 Yearly Rate (m3): 4159680 Details: Premises At Stubbins, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SE (W)	1026	2	379200 417800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Kays Ramsbottom Ltd Licence Number: 2569001047 Permit Version: 100 Location: River Irwell At Britannia Works Kenyon Street Ramsbottom Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises, Britannia Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th September 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	1105	2	379400 417100
	Water Abstractions Operator: Kays Ramsbottom Ltd Licence Number: 2569001047 Permit Version: 100 Location: River Irwell At Britannia Works Kenyon Street Ramsbottom Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 636 Yearly Rate (m3): 159111 Details: Premises, Britannia Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th September 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7SW (SW)	1105	2	379400 417100
	Water Abstractions Operator: Essity Uk Limited Licence Number: 2569001129 Permit Version: 105 Location: Borehole A' At Stubbins Paper Mill, Ramsbottom. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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 April Authorised End: 31 March Permit Start Date: 19th March 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1213	2	379012 417892
	Water Abstractions Operator: Sca Hygiene Products Uk Ltd Licence Number: 2569001129 Permit Version: 104 Location: Borehole A' At Stubbins Paper Mill, Ramsbottom. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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 April Authorised End: 31 March Permit Start Date: 8th July 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1213	2	379012 417892

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Sca Hygiene Products Tissue Limited Licence Number: 2569001129 Permit Version: 103 Location: Borehole A' At Stubbins Paper Mill, Ramsbottom. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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 April Authorised End: 31 March Permit Start Date: 8th November 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1213	2	379012 417892
	Water Abstractions Operator: Sca Hygiene Products Tissue Limited Licence Number: 2569001129 Permit Version: 102 Location: Borehole At Stubbins Paper Mill, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stubbins Paper Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (W)	1225	2	379000 417900
	Water Abstractions Operator: Georgia-Pacific Gb Ltd Licence Number: 2569001129 Permit Version: 101 Location: Borehole At Stubbins Paper Mill, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stubbins Paper Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1225	2	379000 417900
	Water Abstractions Operator: Fort James Uk Ltd Licence Number: 2569001129 Permit Version: 100 Location: Borehole At Stubbins Paper Mill, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2728 Yearly Rate (m3): 545520 Details: Stubbins Paper Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (W)	1225	2	379000 417900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Sca Hygiene Products Tissue Limited Licence Number: 2569001128 Permit Version: 102 Location: Reservoirs X 2 Fed By Surface Drainage At Stubbins Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stubbins Paper Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Approximate location provided by supplier	A11NE (W)	1232	2	379000 418000
	Water Abstractions Operator: Georgia-Pacific Gb Ltd Licence Number: 2569001128 Permit Version: 101 Location: Reservoirs X 2 Fed By Surface Drainage At Stubbins Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stubbins Paper Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1232	2	379000 418000
	Water Abstractions Operator: Fort James Uk Ltd Licence Number: 2569001128 Permit Version: 100 Location: Reservoirs (2) Fed By Surface Drainage At Stubbins\$85 Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Stubbins Paper Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (W)	1232	2	379000 418000
	Water Abstractions Operator: Essity Uk Limited Licence Number: 2569001128 Permit Version: 106 Location: Reservoir 'C' At Subbins, Ramsbottom, Bury. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 19th March 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1289	2	378938 417943

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Sca Hygiene Products Uk Ltd Licence Number: 2569001128 Permit Version: 105 Location: Reservoir 'C' At Subbins, Ramsbottom, Bury. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 8th July 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1289	2	378938 417943
	Water Abstractions Operator: Sca Hygiene Products Tissue Limited Licence Number: 2569001128 Permit Version: 103 Location: Reservoir 'C' At Subbins, Ramsbottom, Bury. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 8th November 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1289	2	378938 417943
	Water Abstractions Operator: Essity Uk Limited Licence Number: 2569001128 Permit Version: 106 Location: Reservoir 'B' At Subbins, Ramsbottom, Bury. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 19th March 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1295	2	378930 417882
	Water Abstractions Operator: Sca Hygiene Products Uk Ltd Licence Number: 2569001128 Permit Version: 105 Location: Reservoir 'B' At Subbins, Ramsbottom, Bury. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 8th July 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1295	2	378930 417882

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Sca Hygiene Products Tissue Limited Licence Number: 2569001128 Permit Version: 103 Location: Reservoir 'B' At Subbins, Ramsbottom, Bury. Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 8th November 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1295	2	378930 417882
	Water Abstractions Operator: North West Water Authority Licence Number: 2569001183 Permit Version: Not Supplied Location: River Irwell, RAMSBOTTOM Authority: Environment Agency, North West Region Abstraction: Monitoring Water Quantity Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 700 Yearly Rate (m3): 25000 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	A17NW (NW)	1315	2	379300 418800
	Water Abstractions Operator: Bury Metropolitan Borough Council Licence Number: 2569001246 Permit Version: 100 Location: River Irwell At Bridge Street Ramsbottom Authority: Environment Agency, North West Region Abstraction: Amenity: Supply to a Leat for Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 172920 Yearly Rate (m3): 63115200 Details: Land At Bridge St , Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th August 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	1318	2	379350 416850
	Water Abstractions Operator: Mondi Holcombe Limited Licence Number: 2569001224 Permit Version: 103 Location: R.Irwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Holcombe Paper Mill, Peel Bridge Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th August 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1389	2	379300 416800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mondi Holcombe Limited Licence Number: 2569001029 Permit Version: 105 Location: Goit Fed By Surface Drainage And River Irwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Peel Bridge Mills Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th August 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1389	2	379300 416800
	Water Abstractions Operator: Mondi Packaging Holcombe Limited Licence Number: 2569001029 Permit Version: 104 Location: Goit Fed By Surface Drainage And River Irwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Peel Bridge Mills Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th September 2005 Permit End Date: 31st March 2015 Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1389	2	379300 416800
	Water Abstractions Operator: Mondi Packaging Holcombe Limited Licence Number: 2569001224 Permit Version: 102 Location: R.Irwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Holcombe Paper Mill, Peel Bridge Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th September 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1389	2	379300 416800
	Water Abstractions Operator: Mondi Paper Limited Licence Number: 2569001029 Permit Version: 103 Location: Goit Fed By Surface Drainage And River Irwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Peel Bridge Mills Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th November 2004 Permit End Date: 31st March 2015 Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1389	2	379300 416800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mondi Paper Limited Licence Number: 2569001029 Permit Version: 102 Location: R.Inwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Peel Bridge Mills Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th September 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1389	2	379300 416800
	Water Abstractions Operator: Mondi Paper Limited Licence Number: 2569001029 Permit Version: 102 Location: Goit Fed By Surface Drainage And River Inwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Peel Bridge Mills Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th September 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1389	2	379300 416800
	Water Abstractions Operator: Mondi Paper Limited Licence Number: 2569001224 Permit Version: 101 Location: R.Inwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Holcombe Paper Mill,Peel Bridge Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th September 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1389	2	379300 416800
	Water Abstractions Operator: Danisco Paper Ltd Licence Number: 2569001224 Permit Version: 100 Location: R.Inwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1091 Yearly Rate (m3): 90920 Details: Holcombe Paper Mill,Peel Bridge Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st September 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1389	2	379300 416800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Danisco Paper Ltd Licence Number: 2569001029 Permit Version: 101 Location: Goit Fed By Surface Drainage And River Irwell At Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1637 Yearly Rate (m3): 272766 Details: Premises At Peel Bridge Mills Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st August 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1392	2	379300 416795
	Water Abstractions Operator: Sca Hygiene Products Tissue Limited Licence Number: 2569001128 Permit Version: 102 Location: Reservoirs X 2 Fed By Surface Drainage At Stubbins Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stubbins Paper Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1426	2	378800 417800
	Water Abstractions Operator: Georgia-Pacific Gb Ltd Licence Number: 2569001128 Permit Version: 101 Location: Reservoirs X 2 Fed By Surface Drainage At Stubbins Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stubbins Paper Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (W)	1426	2	378800 417800
	Water Abstractions Operator: Fort James Uk Ltd Licence Number: 2569001128 Permit Version: 100 Location: Reservoirs (2) Fed By Surface Drainage At Stubbins Pap Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 5682 Yearly Rate (m3): 1704750 Details: Stubbins Paper Mill, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1426	2	378800 417800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Sca Hygiene Products Tissue Limited Licence Number: 2569001128 Permit Version: 103 Location: Reservoirs 'A' At Stubbins, Ramsbottom, Bury Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water 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: 8th November 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (W)	1442	2	378785 417771
	Water Abstractions Operator: Mondi Holcombe Limited Licence Number: 2569001030 Permit Version: 105 Location: Borehole At Peel Bridge Mills, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Peel Bridge Mills, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th August 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1465	2	379300 416700
	Water Abstractions Operator: Mondi Packaging Holcombe Limited Licence Number: 2569001030 Permit Version: 104 Location: Borehole At Peel Bridge Mills, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Peel Bridge Mills, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th September 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1465	2	379300 416700
	Water Abstractions Operator: Mondi Paper Limited Licence Number: 2569001030 Permit Version: 103 Location: Borehole At Peel Bridge Mills, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Peel Bridge Mills, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th November 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1465	2	379300 416700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mondi Paper Limited Licence Number: 2569001030 Permit Version: 102 Location: Borehole At Peel Bridge Mills, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Land At Peel Bridge Mills, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th September 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1465	2	379300 416700
	Water Abstractions Operator: Danisco Paper Ltd Licence Number: 2569001030 Permit Version: 101 Location: Borehole At Peel Bridge Mills, Ramsbottom Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1637 Yearly Rate (m3): 409149 Details: Land At Peel Bridge Mills, Ramsbottom Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st August 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NW (SW)	1465	2	379300 416700
	Water Abstractions Operator: Marshalls Mono Ltd Licence Number: 2569001287 Permit Version: 2 Location: Scout Moor Quarry Borehole 3 Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water 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: 15th October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1523	2	381520 418720
	Water Abstractions Operator: Marshalls Plc Licence Number: 2569001287 Permit Version: 1 Location: Scout Moor Quarry Borehole 3 Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water 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: 31st March 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1523	2	381520 418720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: B & J Ovenden Licence Number: 2569001097 Permit Version: 100 Location: Spring Fed Catchpit At Gate House Farm, Shuttleworth, Rams 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): 1682 Details: Gate House Farm, Shuttleworth 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	A10SE (SE)	1529	2	381600 417100
	Water Abstractions Operator: Marshalls Mono Ltd Licence Number: 2569001287 Permit Version: 2 Location: Scout Moor Quarry Borehole 4 Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water 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: 15th October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1534	2	381540 418710
	Water Abstractions Operator: Marshalls Plc Licence Number: 2569001287 Permit Version: 1 Location: Scout Moor Quarry Borehole 4 Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water 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: 31st March 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1534	2	381540 418710
	Water Abstractions Operator: Marshalls Mono Ltd Licence Number: 2569001287 Permit Version: 2 Location: Scout Moor Quarry Borehole 2 Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water 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: 15th October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1540	2	381540 418720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Marshalls Plc Licence Number: 2569001287 Permit Version: 1 Location: Scout Moor Quarry Borehole 2 Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water 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: 31st March 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1540	2	381540 418720
	Water Abstractions Operator: Voith Fabrics Stubbins Ltd Licence Number: 2569001110 Permit Version: 101 Location: Reservoir Fed By Unnamed Tributary River Irwell Stubbins Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1136 Yearly Rate (m3): 272766 Details: Premises At Stubbins Vale Mills Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th September 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SW (NW)	1560	2	378800 418500
	Water Abstractions Operator: Marshalls Mono Ltd Licence Number: 2569001287 Permit Version: 2 Location: Scout Moor Quarry Borehole 1 Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water 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: 15th October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1562	2	381560 418730
	Water Abstractions Operator: Marshalls Plc Licence Number: 2569001287 Permit Version: 1 Location: Scout Moor Quarry Borehole 1 Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water 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: 31st March 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1562	2	381560 418730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Knowles Vanlines Ltd Licence Number: 2569001200 Permit Version: Not Supplied Location: River Irwell, Ramsbottom, BURY Authority: Environment Agency, North West Region Abstraction: Vehicle Washing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 9 Yearly Rate (m3): 2800 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	A2SW (SW)	1625	2	379300 416500
	Water Abstractions Operator: Voith Paper Fabrics Stubbins Ltd Licence Number: 2569001110 Permit Version: 102 Location: Un-Named Tributary River Irwell At Lh Premises Stubbins Vale Authority: Environment Agency, North West Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lh Premises At Stubbins Vale Mills Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1657	2	378730 418580
	Water Abstractions Operator: Scapa-Porritt Ltd. Licence Number: 2569001006 Permit Version: Not Supplied Location: Spring Fed Collecting Chamber, Stubbins, RAMSBOTTOM Authority: Environment Agency, North West Region Abstraction: Private Water Supplies (Domestic) Abstraction Type: Not Supplied Source: Spring Daily Rate (m3): 25 Yearly Rate (m3): 8437 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	(W)	1730	2	378500 417700
	Water Abstractions Operator: Marshalls Mono Ltd Licence Number: 2569001262 Permit Version: 2 Location: New Gate Brook Eden Field Lancs Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: New Gate Brook Edenfield Lancashire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 15th October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SE (E)	1734	2	381920 418366

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Marshalls Plc Licence Number: 2569001262 Permit Version: 1 Location: New Gate Brook Eden Field Lancs Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: New Gate Brook Edenfield Lancashire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd September 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SE (E)	1734	2	381920 418366
	Groundwater Vulnerability Map Combined Secondary Bedrock Aquifer - Medium Vulnerability Classification: Medium Combined Vulnerability: Productive Bedrock Aquifer, Productive Superficial Aquifer Combined Aquifer: Low Pollutant Speed: Well Connected Fractures Bedrock Flow: >550 mm/year Dilution: <40% Baseflow Index: <90% Superficial Patchiness: 3-10m Superficial Thickness: High Superficial Recharge:	A13SW (SE)	0	2	380242 417851
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (SE)	0	2	380242 417851
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (SE)	0	2	380242 417851
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	TAN15 Defended Zones None				
	Reduction in Risk of Flooding from Rivers and Sea due to Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
25	OS NGD Water Network Links Description: Watercourse Length: 88.702 Physical Level: Underground Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A13SW (S)	257	3	380229 417579
26	OS NGD Water Network Links Description: Watercourse Length: 147.113 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A13SW (S)	257	3	380229 417579

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	OS NGD Water Network Links Description: Watercourse Length: 100.658 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A13SW (SW)	258	3	380119 417601
28	OS NGD Water Network Links Description: Watercourse Length: 39.685 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	292	3	380415 417589
29	OS NGD Water Network Links Description: Watercourse Length: 18.242 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	298	3	380390 417569
30	OS NGD Water Network Links Description: Watercourse Length: 8.634 Physical Level: Underground Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	302	3	380369 417555
31	OS NGD Water Network Links Description: Watercourse Length: 50.456 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	302	3	380369 417555
32	OS NGD Water Network Links Description: Watercourse Length: 267.93 Physical Level: Underground Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A13SW (SW)	303	3	380049 417589
33	OS NGD Water Network Links Description: Watercourse Length: 106.381 Physical Level: Underground Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	305	3	380377 417555
34	OS NGD Water Network Links Description: Watercourse Length: 30.116 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	312	3	380003 418086
35	OS NGD Water Network Links Description: Watercourse Length: 44.936 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	312	3	380003 418086

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	OS NGD Water Network Links Description: Watercourse Length: 127.579 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	324	3	379976 418074
37	OS NGD Water Network Links Description: Watercourse Length: 17.729 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	342	3	380421 417534
38	OS NGD Water Network Links Description: Watercourse Length: 181.039 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	347	3	380429 417533
39	OS NGD Water Network Links Description: Watercourse Length: 87.854 Physical Level: Surface level Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	350	3	380496 417578
40	OS NGD Water Network Links Description: Watercourse Length: 147.92 Physical Level: Underground Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	350	3	380540 417625
41	OS NGD Water Network Links Description: Watercourse Length: 164.183 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	420	3	380149 418278
42	OS NGD Water Network Links Description: Watercourse Length: 8.196 Physical Level: Surface level Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	424	3	380664 417705
43	OS NGD Water Network Links Description: Still water Length: 59.289 Physical Level: Surface level Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	433	3	380672 417704
44	OS NGD Water Network Links Description: Watercourse Length: 199.977 Physical Level: Surface level Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	480	3	380727 417723

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	OS NGD Water Network Links Description: Watercourse Length: 101.692 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	519	3	380570 417420
46	OS NGD Water Network Links Description: Watercourse Length: 33.212 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A12SE (SW)	528	3	379785 417544
47	OS NGD Water Network Links Description: Watercourse Length: 30.45 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (SW)	532	3	379769 417563
48	OS NGD Water Network Links Description: Watercourse Length: 372.8 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A12SE (SW)	556	3	379752 417543
49	OS NGD Water Network Links Description: Watercourse Length: 153.072 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A9NW (SE)	602	3	380661 417387
50	OS NGD Water Network Links Description: Watercourse Length: 77.593 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	602	3	380661 417387
51	OS NGD Water Network Links Description: Watercourse Length: 284.556 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	636	3	379767 418306
52	OS NGD Water Network Links Description: Watercourse Length: 16.024 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	641	3	380886 417699
53	OS NGD Water Network Links Description: Watercourse Length: 23.372 Physical Level: Underground Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	641	3	380886 417699

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	OS NGD Water Network Links Description: Watercourse Length: 99.145 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	660	3	379718 418288
55	OS NGD Water Network Links Description: Watercourse Length: 17.234 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	660	3	379718 418288
56	OS NGD Water Network Links Description: Watercourse Length: 35.139 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	660	3	380738 417381
57	OS NGD Water Network Links Description: Watercourse Length: 38.894 Physical Level: Surface level Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	662	3	380909 417704
58	OS NGD Water Network Links Description: Watercourse Length: 2.543 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	671	3	379707 418293
59	OS NGD Water Network Links Description: Watercourse Length: 42.344 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	673	3	379705 418293
60	OS NGD Water Network Links Description: Watercourse Length: 8.139 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	677	3	380771 417392
61	OS NGD Water Network Links Description: Watercourse Length: 322.031 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	680	3	380779 417396
62	OS NGD Water Network Links Description: Still water Length: 46.252 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	689	3	380949 417803

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	OS NGD Water Network Links Description: Watercourse Length: 86.238 Physical Level: Underground Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	696	3	380946 417716
64	OS NGD Water Network Links Description: Watercourse Length: 12.062 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	697	3	380957 417848
65	OS NGD Water Network Links Description: Watercourse Length: 123.276 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	722	3	379858 418487
66	OS NGD Water Network Links Description: Watercourse Length: 50.583 Physical Level: Underground Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 2	A17SE (NW)	722	3	379858 418487
67	OS NGD Water Network Links Description: Watercourse Length: 4.194 Physical Level: Underground Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	722	3	379624 418265
68	OS NGD Water Network Links Description: Reservoir Length: 63.956 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	724	3	379620 418264
69	OS NGD Water Network Links Description: Watercourse Length: 26.042 Physical Level: Underground Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	731	3	379581 418213
70	OS NGD Water Network Links Description: Watercourse Length: 183.264 Physical Level: Surface level Permanence: Permanent Feature Name: Brook Bottom Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	741	3	380220 418608
71	OS NGD Water Network Links Description: Watercourse Length: 84.545 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	741	3	379561 418196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	OS NGD Water Network Links Description: Watercourse Length: 110.082 Physical Level: Underground Permanence: Permanent Feature Name: Brook Bottom Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	748	3	380120 418605
73	OS NGD Water Network Links Description: Watercourse Length: 329.019 Physical Level: Surface level Permanence: Permanent Feature Name: New Gate Brook Catchment Name: Mersey Primacy: 1	A18NE (NE)	748	3	380579 418541
74	OS NGD Water Network Links Description: Watercourse Length: 196.127 Physical Level: Surface level Permanence: Permanent Feature Name: Cross Bank Brook Catchment Name: Mersey Primacy: 1	A9NW (SE)	750	3	380726 417249
75	OS NGD Water Network Links Description: Watercourse Length: 80.348 Physical Level: Surface level Permanence: Permanent Feature Name: New Gate Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	752	3	380532 418565
76	OS NGD Water Network Links Description: Watercourse Length: 8.099 Physical Level: Underground Permanence: Permanent Feature Name: New Gate Brook Catchment Name: Mersey Primacy: 1	A18NE (NE)	755	3	380546 418563
77	OS NGD Water Network Links Description: Watercourse Length: 66.864 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	766	3	380281 418633
78	OS NGD Water Network Links Description: Watercourse Length: 88.04 Physical Level: Surface level Permanence: Permanent Feature Name: Brook Bottom Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	766	3	380281 418633
79	OS NGD Water Network Links Description: Watercourse Length: 9.707 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 2	A17NE (NW)	768	3	379853 418538
80	OS NGD Water Network Links Description: Watercourse Length: 25.525 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	771	3	381025 417959

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	OS NGD Water Network Links Description: Still water Length: 66.486 Physical Level: Surface level Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	773	3	381028 417743
82	OS NGD Water Network Links Description: Marsh Length: 46.539 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	775	3	381027 417975
83	OS NGD Water Network Links Description: Watercourse Length: 5.714 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	775	3	381030 417951
84	OS NGD Water Network Links Description: Still water Length: 139.339 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	776	3	381033 417933
85	OS NGD Water Network Links Description: Watercourse Length: 13.562 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	776	3	381033 417933
86	OS NGD Water Network Links Description: Watercourse Length: 1.486 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 2	A17NE (NW)	778	3	379848 418546
87	OS NGD Water Network Links Description: Still water Length: 194.503 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 2	A17NE (NW)	779	3	379847 418547
88	OS NGD Water Network Links Description: Watercourse Length: 114.642 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A18NW (NW)	783	3	379922 418587
89	OS NGD Water Network Links Description: Watercourse Length: 148.443 Physical Level: Surface level Permanence: Permanent Feature Name: Brook Bottom Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	783	3	380491 418612

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	OS NGD Water Network Links Description: Watercourse Length: 178.995 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A12NW (W)	786	3	379483 418128
91	OS NGD Water Network Links Description: Watercourse Length: 117.631 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	788	3	380357 418648
92	OS NGD Water Network Links Description: Watercourse Length: 100.966 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	791	3	381035 418020
93	OS NGD Water Network Links Description: Watercourse Length: 10.614 Physical Level: Surface level Permanence: Permanent Feature Name: Brook Bottom Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	799	3	380014 418636
94	OS NGD Water Network Links Description: Still water Length: 42.169 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	803	3	381062 417797
95	OS NGD Water Network Links Description: Still water Length: 144.249 Physical Level: Surface level Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	803	3	381062 417797
96	OS NGD Water Network Links Description: Watercourse Length: 37.39 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	804	3	380004 418639
97	OS NGD Water Network Links Description: Watercourse Length: 7.8 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	807	3	381064 417755
98	OS NGD Water Network Links Description: Watercourse Length: 15.227 Physical Level: Underground Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A12NW (NW)	809	3	379476 418172

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	OS NGD Water Network Links Description: Watercourse Length: 12.315 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	810	3	381066 417747
100	OS NGD Water Network Links Description: Watercourse Length: 32.82 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	815	3	379415 417960
101	OS NGD Water Network Links Description: Watercourse Length: 71.87 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	822	3	381077 417743
102	OS NGD Water Network Links Description: Watercourse Length: 31.787 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 2	A18NW (N)	839	3	380003 418674
103	OS NGD Water Network Links Description: Watercourse Length: 37.489 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	839	3	380003 418674
104	OS NGD Water Network Links Description: Watercourse Length: 95.636 Physical Level: Surface level Permanence: Permanent Feature Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NW (W)	844	3	379389 417982
105	OS NGD Water Network Links Description: Watercourse Length: 331.896 Physical Level: Surface level Permanence: Permanent Feature Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NW (W)	846	3	379383 417955
106	OS NGD Water Network Links Description: Watercourse Length: 1.565 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	847	3	381070 418112
107	OS NGD Water Network Links Description: Watercourse Length: 26.561 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	848	3	381071 418113

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	OS NGD Water Network Links Description: Watercourse Length: 40.969 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 2	A18NW (N)	859	3	379974 418687
109	OS NGD Water Network Links Description: Watercourse Length: 491.159 Physical Level: Surface level Permanence: Permanent Feature Name: River Irwell Catchment Name: Mersey Primacy: 1	A12NW (W)	864	3	379380 418049
110	OS NGD Water Network Links Description: Watercourse Length: 105.231 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	866	3	379576 417262
111	OS NGD Water Network Links Description: Watercourse Length: 294.406 Physical Level: Surface level Permanence: Permanent Feature Name: River Irwell Catchment Name: Mersey Primacy: 1	A12SW (W)	869	3	379408 417538
112	OS NGD Water Network Links Description: Watercourse Length: 17.455 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	872	3	380008 418710
113	OS NGD Water Network Links Description: Watercourse Length: 215.418 Physical Level: Surface level Permanence: Permanent Feature Name: River Irwell Catchment Name: Mersey Primacy: 1	A12SW (W)	872	3	379400 417553
114	OS NGD Water Network Links Description: Watercourse Length: 56.532 Physical Level: Underground Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	878	3	380019 418718
115	OS NGD Water Network Links Description: Watercourse Length: 12.298 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	879	3	381128 417694
116	OS NGD Water Network Links Description: Watercourse Length: 24.157 Physical Level: Underground Permanence: Permanent Feature Name: New Gate Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	881	3	380844 418525

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	OS NGD Water Network Links Description: Still water Length: 29.349 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	889	3	381137 417685
118	OS NGD Water Network Links Description: Watercourse Length: 5.621 Physical Level: Surface level Permanence: Permanent Feature Name: New Gate Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	893	3	380867 418519
119	OS NGD Water Network Links Description: Watercourse Length: 44.715 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	893	3	380155 418756
120	OS NGD Water Network Links Description: Watercourse Length: 241.686 Physical Level: Surface level Permanence: Permanent Feature Name: New Gate Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	897	3	380873 418519
121	OS NGD Water Network Links Description: Drain Length: 51.567 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	897	3	380873 418519
122	OS NGD Water Network Links Description: Watercourse Length: 95.83 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	908	3	380059 418758
123	OS NGD Water Network Links Description: Watercourse Length: 36.879 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	909	3	380159 418772
124	OS NGD Water Network Links Description: Watercourse Length: 35.523 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	913	3	381156 417663
125	OS NGD Water Network Links Description: Watercourse Length: 21.11 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	928	3	379974 418759

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	OS NGD Water Network Links Description: Watercourse Length: 17.85 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	931	3	380132 418792
127	OS NGD Water Network Links Description: Watercourse Length: 195.22 Physical Level: Surface level Permanence: Permanent Feature Name: Harden Brook Catchment Name: Mersey Primacy: 1	A9SW (SE)	934	3	380863 417123
128	OS NGD Water Network Links Description: Watercourse Length: 87.244 Physical Level: Surface level Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	939	3	381196 417758
129	OS NGD Water Network Links Description: Still water Length: 40.754 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	942	3	381182 417638
130	OS NGD Water Network Links Description: Watercourse Length: 3.285 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	949	3	380125 418809
131	OS NGD Water Network Links Description: Watercourse Length: 221.51 Physical Level: Surface level Permanence: Permanent Feature Name: Dearden Brook Catchment Name: Mersey Primacy: 1	A18NW (N)	952	3	380124 418812
132	OS NGD Water Network Links Description: Watercourse Length: 3.302 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	958	3	381071 417326
133	OS NGD Water Network Links Description: Watercourse Length: 36.838 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	961	3	381073 417323
134	OS NGD Water Network Links Description: Watercourse Length: 16.618 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	980	3	381216 417618

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	OS NGD Water Network Links Description: Watercourse Length: 48.718 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	992	3	381239 417672
136	OS NGD Water Network Links Description: Watercourse Length: 11.02 Physical Level: Underground Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	992	3	381108 417321
137	OS NGD Water Network Links Description: Watercourse Length: 16.668 Physical Level: Surface level Permanence: Permanent Feature Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NW (SW)	995	3	379412 417262
138	OS NGD Water Network Links Description: Watercourse Length: 140.685 Physical Level: Surface level Permanence: Permanent Feature Name: Shuttleworth Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	999	3	381250 417703
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Irwell (Rossendale STW to Roch) WaterBody ID: GB112069064620 Operational: Croal Irwell Catchment: Irwell Management: Irwell Catchment: Irwell Catchment Name: Irwell	A13SW (SE)	0	2	380242 417851
	Water Framework Directive - Groundwater Waterbody Name: Northern Manchester Carboniferous Aquifers Waterbody ID: GB41202G101800 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB41202G101800 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2019	A13SW (SE)	0	2	380242 417851
	Water Framework Directive - Surface Waters Class Code: River Waterbody Name: Irwell (Rossendale Stw To Roch) Waterbody ID: GB112069064620 URL Address: Not Supplied Overall Rating: Not Assessed Chemical Rating: Not Assessed Classification Year: 2022	A17SE (NW)	636	2	379770 418310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	Historical Landfill Sites Licence Holder: Not Supplied Location: Off Bury Old Road, Shuttleworth, Ramsbottom, Greater Manchester Name: Top of the Lea Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15656 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: Not Supplied BGS Ref: Not Supplied Other Ref: C072	A13NE (E)	175	2	380435 417857
140	Historical Landfill Sites Licence Holder: Bury Metropolitan Borough Council Location: Off Bye Road, Shuttleworth, Bury, Greater Manchester Name: Top Mill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15658 First Input Date: 31st December 1991 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: RD/LIC/675/90,L19A,C094	A13SW (SW)	234	2	380123 417625
141	Historical Landfill Sites Licence Holder: Not Supplied Location: Off Whalley Road, Shuttleworth, Ramsbottom, Greater Manchester Name: Land off Whalley Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15659 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: C073	A13SW (SW)	294	2	380021 417624
142	Historical Landfill Sites Licence Holder: Not Supplied Location: Off Bamford Road, Shuttleworth, Ramsbottom, Greater Manchester Name: Land off Bamford Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15661 First Input Date: 31st December 1983 Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: C063	A13SE (SE)	335	2	380465 417571
143	Historical Landfill Sites Licence Holder: Not Supplied Location: Off Hollins Lane, Edenfield, Greater Manchester Name: Hollins Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15653 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: C070	A18SE (N)	624	2	380389 418476

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
144	Historical Landfill Sites Licence Holder: Peel Holdings Location: Off Bolton Road North, Stubbins, Edenfield, Lancashire Name: Rose Bank Mill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15654 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: 2300/0658 BGS Ref: Not Supplied Other Ref: R016, K1/14/016	A17SE (NW)	688	2	379635 418221
145	Historical Landfill Sites Licence Holder: Not Supplied Location: Off Bolton Road North, Edenfield, Lancashire Name: Stubbins County Primary School Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD17929 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: 2300/0703 BGS Ref: Not Supplied Other Ref: R068, K1/14/068	A17SE (NW)	766	2	379618 418334
146	Historical Landfill Sites Licence Holder: Marshals Mono Limited Location: Off Whitelaw Road, Fletcher Bank, Ramsbottom, Bury, Greater Manchester Name: Fletcher Bank Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15672 First Input Date: 31st December 1948 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste and Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9068 BGS Ref: Not Supplied Other Ref: RD/LIC/285/83, C097	A8SW (S)	911	2	380171 416927
147	Licensed Waste Management Facilities (Landfill Boundaries) Name: Fletcher Bank Quarry Landfill Site Epr/Gp3733fe Licence Number: 0 Location: Fletcher Bank, Fletcher Bank Quarry Landfill Site EPR/GP3733FE, Whalley Road, Bury, Ramsbottom, Cheshire, BL0 0DD Licence Holder: Churchill Enviro Limited Authority: Environment Agency - North West Region, South Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 21st March 2011 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A8NE (S)	388	2	380291 417449
148	Licensed Waste Management Facilities (Locations) Licence Number: 401512 Location: Fletcher Bank Quarry, Ramsbottom, Bury, Lancashire, BL0 0HD Operator Name: CHURCHILL ENVIRO LIMITED Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Use of waste in a deposit for recovery op Licence Status: Surrendered Issued: 17th July 2014 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 17th July 2014 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NE (S)	491	2	380367 417357

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Licensed Waste Management Facilities (Locations) Licence Number: 104214 Location: Fletcher Bank Quarry, Manchester Road, Ramsbottom, Bury, Lancashire, BL0 0DH Operator Name: CHURCHILL ENVIRO LIMITED Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Not Supplied Licence Status: Issued Issued: 15th May 2012 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)	713	2	380224 417123
150	Licensed Waste Management Facilities (Locations) Licence Number: 102210 Location: Fletcher Bank Quarry, Ramsbottom, Bury, Lancashire, BL0 0HD Operator Name: CHURCHILL ENVIRO LIMITED Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Use of waste in a deposit for recovery op Licence Status: Surrendered Issued: 2nd February 2011 Last Modified: 2nd February 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	772	2	380437 417085
	Local Authority Landfill Coverage Name: Bury Metropolitan Borough Council - Has not been able to supply Landfill data		0	4	380242 417851
	Local Authority Landfill Coverage Name: Rossendale Borough Council - Has supplied landfill data		309	5	380506 417649
	Local Authority Landfill Coverage Name: Lancashire County Council - Had landfill data but passed it to the relevant environment agency		309	6	380506 417649
151	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A12NE (W)	449	-	379802 418016
152	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A12NE (W)	495	-	379754 418019
153	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A12NE (W)	567	-	379659 417897
154	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A17SE (NW)	657	-	379711 418275
155	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13SE (S)	222	-	380322 417624
156	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SE (SW)	432	-	379866 417595
157	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NE (SW)	739	-	379762 417260
158	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A17SW (NW)	754	-	379566 418232

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A12NW (W)	826	-	379457 418173
160	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12NW (W)	851	-	379416 418131
161	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NW (W)	876	-	379359 418000
162	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1912	A12NW (W)	940	-	379325 418136
163	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NW (SW)	952	-	379508 417210
164	Registered Landfill Sites Licence Holder: Bury M.B.C. Licence Reference: 00675/90 Site Location: Top Mill Bye Road, Shuttleworth, Ramsbottom, Bury, Lancashire Licence Easting: 380090 Licence Northing: 417560 Operator Location: Craig House, BURY, Lancashire, BL9 0DN Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 1st July 1991 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Brickwork, Concrete Carbon, Kiesel'R - Not Filter Mat'Ls Glass, Pottery, China, Enamel, Cer'C, Mica Gmwda Group 1 - Non/V. Slow Decomp. Waste Max. Waste Permitted By Licence- Stated Prohibited Waste: All Other Waste Waste In Drums Waste In Skips	A13SW (SW)	307	2	380090 417560
165	Registered Landfill Sites Licence Holder: Marshalls Mono Ltd Licence Reference: 00285/M03/T01 Site Location: Fletcher Bank Quarry, Ramsbottom, Bury, Lancashire, B10 0dd Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Birkby Grange, 85 Birkby Hall, Birkby, Huddersfield, West Yorkshire, Hd2 2ya Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: Operational as far as is known Dated: 31st October 1983 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Concrete Waste Prohibited Waste: Waste N.O.S.	A8SW (S)	921	2	380167 416917
166	Waste Exemption Permits Permit Reference: WEX410088 Exemption Id: U1 Exemption Category: Use Exemption Sub-Category: Use of waste in construction. Exemption Definition: The U1 exemption allows you to use suitable waste in construction as a recovery activity.	A13NW (NW)	286	2	379996 418037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	Waste Exemption Permits Permit Reference: WEX319912 Exemption Id: S3 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989.	A13NW (W)	300	2	379940 417960
168	Waste Exemption Permits Permit Reference: WEX395715 Exemption Id: S1 Exemption Category: Storage Exemption Sub-Category: Store waste in secure containers. Exemption Definition: The S1 waste exemption lets you store certain waste in secure containers at a site separate to where it was produced, before transportation to another site for recovery. Exemption Id: S2 Exemption Category: Storage Exemption Sub-Category: Storing waste in a secure place. Exemption Definition: The S2 waste exemption allows you to store specific waste at a secure intermediate site, separate to where the waste was produced, before transportation to another site for recovery.	A8NW (S)	494	2	380059 417370
169	Waste Exemption Permits Permit Reference: WEX407927 Exemption Id: U1 Exemption Category: Use Exemption Sub-Category: Use of waste in construction. Exemption Definition: The U1 exemption allows you to use suitable waste in construction as a recovery activity.	A14SW (E)	666	2	380917 417722

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	Waste Exemption Permits Permit Reference: WEX305511 Exemption Id: S1 Exemption Category: Storage Exemption Sub-Category: Store waste in secure containers. Exemption Definition: The S1 waste exemption lets you store certain waste in secure containers at a site separate to where it was produced, before transportation to another site for recovery. Exemption Id: S2 Exemption Category: Storage Exemption Sub-Category: Storing waste in a secure place. Exemption Definition: The S2 waste exemption allows you to store specific waste at a secure intermediate site, separate to where the waste was produced, before transportation to another site for recovery. Exemption Id: S3 Exemption Category: Storage Exemption Sub-Category: Storing sludge. Exemption Definition: The S3 waste exemption lets you store sewage sludge at a site where it will be used in accordance with the Sludge (Use in Agriculture) Regulations 1989. Exemption Id: T4 Exemption Category: Treatment Exemption Sub-Category: Preparatory treatments, such as, baling, sorting, shredding. Exemption Definition: The T4 exemption allows you to treat waste to reduce its volume for transport to another site for reuse, recycling or to make handling easier. Exemption Id: T5 Exemption Category: Treatment Exemption Sub-Category: Screening and blending waste. Exemption Definition: The T5 exemption allows you to temporarily treat waste on a small scale to produce aggregate or soil at a particular location, such as a construction or demolition site. Exemption Id: T6 Exemption Category: Treatment Exemption Sub-Category: Treating waste wood and waste plant matter by chipping, shredding, cutting or pulverising. Exemption Definition: The T6 exemption allows you to chip, shred, cut or pulverise waste wood and plant matter to make it easier to store and transport, or to convert it for use. Exemption Id: U1 Exemption Category: Use Exemption Sub-Category: Use of waste in construction. Exemption Definition: The U1 exemption allows you to use suitable waste in construction as a recovery activity. Exemption Id: U8 Exemption Category: Use Exemption Sub-Category: Using waste for a specified purpose. Exemption Definition: The U8 exemption allows you to use waste materials (that do not need treating) for a specific purpose to reduce the use of virgin or non-waste materials. Exemption Id: U10 Exemption Category: Use Exemption Sub-Category: Spreading waste to benefit agricultural land. Exemption Definition: The U10 exemption allows you to spread specific waste on agricultural land to replace manufactured fertilisers or virgin materials (such as lime) to improve or maintain soil. Exemption Id: U13 Exemption Category: Use Exemption Sub-Category: Spreading plant matter to provide benefits. Exemption Definition: The U13 exemption allows you to spread cut plant material at the place of production for weed suppression or to provide nutrients to the soil.	A12NE (W)	667	2	379584 418053

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Millstone Grit Group [See Also Migr]	A13SW (SE)	0	1	380242 417851
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SE)	0	1	380242 417851
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SE (NW)	737	1	379594 418247
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SW (S)	836	1	380242 417000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SE (S)	880	1	380535 417000
171	BGS Recorded Mineral Sites Site Name: Shuttleworth Location: Shuttleworth, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96085 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Midgley Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (W)	174	1	380052 417822
172	BGS Recorded Mineral Sites Site Name: Bank Lane Quarry Location: Whalley Road, Shuttleworth, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15029 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Fletcher Bank Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (S)	431	1	380110 417420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	BGS Recorded Mineral Sites Site Name: Sheep Hey Location: Stubbins, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 93973 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Midgley Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NE (W)	484	1	379761 418005
174	BGS Recorded Mineral Sites Site Name: Fletcher Bank Quarry Location: Manchester Road, Shuttleworth, Ramsbottom, Lancashire, B10 0dd Source: British Geological Survey, National Geoscience Information Service Reference: 50727 Type: Opencast Status: Ceased Operator: P. P. O'Connor Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Midgley Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NE (S)	509	1	380350 417335
175	BGS Recorded Mineral Sites Site Name: Lower Leeches Location: Stubbins, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 93972 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Midgley Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NE (W)	587	1	379639 417898
176	BGS Recorded Mineral Sites Site Name: Rose Bank Location: Stubbins, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 93974 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Midgley Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	665	1	379692 418263
177	BGS Recorded Mineral Sites Site Name: Fletcher Bank Quarry Location: Whalley Road, Shuttleworth, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15030 Type: Opencast Status: Ceased Operator: United Gravel Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Fletcher Bank Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SW (S)	687	1	380055 417170
178	BGS Recorded Mineral Sites Site Name: Hollin'S Quarry Location: Edenfield, Ramsbottom, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96069 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Brooksbottoms Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	712	1	380424 418558

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	BGS Recorded Mineral Sites Site Name: Fletcher Bank Quarry Location: Manchester Road, Shuttleworth, Ramsbottom, Lancashire, Bb4 4jr Source: British Geological Survey, National Geoscience Information Service Reference: 247878 Type: Opencast Status: Active Operator: P. P. O'Connor Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Fletcher Bank Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	885	1	380675 417055
179	BGS Recorded Mineral Sites Site Name: Fletcher Bank Quarry Recycling Location: Manchester Road, Haslingden, Lancashire, B10 0dh Source: British Geological Survey, National Geoscience Information Service Reference: 262864 Type: Opencast Status: Active Operator: W. Maher & Sons Ltd. Operator Location: Not Supplied Periodic Type: Anthropogene Geology: Mineral Based Waste Commodity: Secondary Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	885	1	380675 417055
180	BGS Recorded Mineral Sites Site Name: Fletcher Bank Quarry Location: Manchester Road, Shuttleworth, Ramsbottom, Lancashire, B10 0dd Source: British Geological Survey, National Geoscience Information Service Reference: 50726 Type: Opencast Status: Dormant Operator: P. P. O'Connor Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Fletcher Bank Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SE (S)	894	1	380515 416980
	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.	A13SW (SE)	0	7	380242 417851
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (SE)	0	-	380242 417851
	Non Coal Mining Areas of Great Britain Risk: Rare Zone of Influence: N/A Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	380242 417851
	Non Coal Mining Areas of Great Britain Risk: Rare Zone of Influence: N/A Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	225	1	380000 417851
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	380242 417851
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	225	1	380000 417851
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	380242 417851
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	225	1	380000 417851

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	A13SW (SE)	0	1	380242 417851
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	225	1	380000 417851
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	380241 417837
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	380242 417851
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	197	1	380238 417639
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	225	1	380000 417851
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	249	1	380140 417601
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	380242 417851
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	225	1	380000 417851
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	380242 417851
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	225	1	380000 417851
	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	A13SW (SE)	0	1	380242 417851
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	380242 417851

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
181	Contemporary Trade Directory Entries Name: Trade Skips Location: Prospect House, 229, Whalley Road, Ramsbottom, Bury, Lancashire, BL0 0ED Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	323	-	379995 417609
181	Contemporary Trade Directory Entries Name: Garic M O T Station Location: Prospect House, 229, Whalley Road, Ramsbottom, Bury, Lancashire, BL0 0ED Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	323	-	379995 417609
181	Contemporary Trade Directory Entries Name: Wood Burner Installers Location: Prospect House, 229, Whalley Road, Ramsbottom, BURY, Lancashire, BL0 0ED Classification: Woodburning Stoves Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	323	-	379995 417609
182	Contemporary Trade Directory Entries Name: M Evans Engineering Services Ltd Location: 512, Whalley Road, Ramsbottom, Bury, Lancashire, BL0 0ES Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	762	-	380060 418609
183	Contemporary Trade Directory Entries Name: Uk Concrete Driveway Location: 88, Fir Street, Ramsbottom, Bury, BL0 0BG Classification: Concrete Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	842	-	379664 417208
184	Contemporary Trade Directory Entries Name: Turnbull Prints Ltd Location: Bury, BL0 0NA Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	862	-	379396 418104
185	Contemporary Trade Directory Entries Name: Professional Polishing Manchester Ltd Location: Hope Mill, Whalley Road, Ramsbottom, Bury, Lancashire, BL0 0ES Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	867	-	380092 418723
185	Contemporary Trade Directory Entries Name: Strongpoint Fencing Location: Unit 3, Hope Mill, Whalley Road, Ramsbottom, Bury, Lancashire, BL0 0ES Classification: Fencing Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	867	-	380092 418723
185	Contemporary Trade Directory Entries Name: Verve Designs Ltd Location: Unit 1, Hope Mill, Whalley Road, Ramsbottom, Bury, Lancashire, BL0 0ES Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	867	-	380092 418723
186	Contemporary Trade Directory Entries Name: Adhesive Developments Ltd Location: 35, Lodge View, Lodge Mill Lane, Ramsbottom, Bury, BL0 0SY Classification: Adhesives, Glues & Sealants Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	883	-	381143 417850
187	Contemporary Trade Directory Entries Name: A & J Property Maintenance Location: 57, Fern Street, Ramsbottom, Bury, Lancashire, BL0 0BB Classification: Tank Cleaning & Repairing Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	915	-	379570 417197

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
188	Contemporary Trade Directory Entries Name: Jetchem Systems Location: Unit A11, Cuba Industrial Estate, Bolton Road North, Ramsbottom, BURY, Lancashire, BL0 0NE Classification: Blast Cleaning Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	920	-	379309 417946
189	Contemporary Trade Directory Entries Name: Penning Springs Location: Bolton Road North, Ramsbottom, Bury, Lancashire, BL0 0LY Classification: Spring Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	926	-	379587 418536
190	Contemporary Trade Directory Entries Name: Ramsbottom Accident Management Services Location: Cuba Industrial Estate, Bolton Road North, Ramsbottom, Bury, Lancashire, BL0 0NE Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A12NW (W)	947	-	379279 417922
190	Contemporary Trade Directory Entries Name: Alphatek Hyperformance Coatings Ltd Location: Unit 5a, Cuba Industrial Estate, Bolton Road North, Ramsbottom, Bury, Lancashire, BL0 0NE Classification: Powder Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	973	-	379253 417897
191	Contemporary Trade Directory Entries Name: Valley Pet & Aquatic Care Location: 1, Moorcroft, Ramsbottom, Bury, Lancashire, BL0 0LL Classification: Pet Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	967	-	379826 418747
192	Contemporary Trade Directory Entries Name: Burning Desire Location: Unit 9, Cuba Industrial Estate, Bolton Road North, Ramsbottom, Bury, BL0 0NE Classification: Fireplaces & Mantelpieces Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	993	-	379233 417802
193	Points of Interest - Commercial Services Name: Garic M O T Station Location: Prospect House 229, Whalley Road, Ramsbottom, BL0 0ED Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	329	8	379985 417610
194	Points of Interest - Commercial Services Name: Evans Engineering Services Location: 512 Whalley Road, Ramsbottom, Bury, BL0 0ES Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18NW (N)	762	8	380060 418609
195	Points of Interest - Commercial Services Name: Bring Cargo Ltd Location: Suite 1 Havannah House Cuba Industrial Estate, Bolton Road North, Ramsbottom, Bury, BL0 0NE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NW (W)	860	8	379407 418133
196	Points of Interest - Commercial Services Name: TNT Express Location: Unit 10a Cuba Industrial Estate, Bolton Road North, Ramsbottom, Bury, BL0 0NE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SW (W)	929	8	379296 417851
197	Points of Interest - Commercial Services Name: Michael Kenyon Location: Unit A2 Cuba Industrial Estate, Bolton Road North, Ramsbottom, Bury, BL0 0NE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11NE (W)	1000	8	379227 417937

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
198	Points of Interest - Education and Health Name: Valley Pet & Aquatic Care Location: 1 Moorcroft, Ramsbottom, Bury, BL0 0LL Category: Animal Welfare Class Code: Pet Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A17NE (NW)	967	8	379826 418746
199	Points of Interest - Manufacturing and Production Name: N Cryer Location: Spring Street, Ramsbottom, Bury, BL0 0DS Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8NW (SW)	560	8	379925 417363
199	Points of Interest - Manufacturing and Production Name: N Cryer Location: Woodhill Farm, Spring Street, Ramsbottom, Bury, BL0 0DS Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8NW (SW)	561	8	379924 417362
199	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8NW (SW)	562	8	379948 417347
200	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A17SE (NW)	674	8	379808 418395
201	Points of Interest - Manufacturing and Production Name: Croft End Works Location: BL0 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	850	8	379411 418111
201	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	A12NW (W)	867	8	379392 418109
201	Points of Interest - Manufacturing and Production Name: Works Location: BL0 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	869	8	379391 418111
202	Points of Interest - Manufacturing and Production Name: Cross Bank Stone Location: Unit 3 Hope Mill, Whalley Road, Ramsbottom, Bury, BL0 0ES Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18NW (N)	871	8	380075 418723
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	912	8	379364 417534
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	920	8	379352 417547
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	922	8	379349 417549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	Points of Interest - Manufacturing and Production Name: Tanks Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	922	8	379352 417539
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	924	8	379346 417551
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	930	8	379345 417535
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	930	8	379338 417558
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	933	8	379336 417553
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	936	8	379334 417550
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	939	8	379332 417545
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NW (W)	947	8	379336 417510
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	959	8	379319 417522
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	962	8	379303 417562
203	Points of Interest - Manufacturing and Production Name: Tanks Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	971	8	379308 417516
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NW (W)	975	8	379309 417502

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	977	8	379298 417528
203	Points of Interest - Manufacturing and Production Name: Tanks Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	981	8	379284 417559
203	Points of Interest - Manufacturing and Production Name: Tank Location: BL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12SW (W)	983	8	379278 417574
204	Points of Interest - Manufacturing and Production Name: Fletcher Bank Quarry Location: BL0 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	924	8	380333 416915
204	Points of Interest - Manufacturing and Production Name: Fletcher Bank Quarry (Sand and Gravel) Location: BL0 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	950	8	380285 416887
205	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	A12NW (W)	938	8	379289 417933
205	Points of Interest - Manufacturing and Production Name: Works Location: BL0 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	939	8	379288 417936
206	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	303	8	380386 417561
206	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	305	8	380391 417561
207	Points of Interest - Public Infrastructure Name: Cemetery Location: BL0 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	305	8	379937 417735
208	Points of Interest - Public Infrastructure Name: Trade Skips Location: Prospect House 229, Whalley Road, Ramsbottom, Bury, BL0 0ED Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13SW (SW)	329	8	379986 417610
209	Points of Interest - Public Infrastructure Name: Refuse Tip Location: BL0 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	367	8	380598 417693

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	Points of Interest - Public Infrastructure Name: Slurry Pit Location: BL0 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	502	8	380745 417993
210	Points of Interest - Public Infrastructure Name: Slurry Pit Location: BL0 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NW (E)	507	8	380752 417985
211	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	538	8	379777 417537
211	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	542	8	379773 417537
212	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	636	8	379831 418365
212	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	642	8	379824 418367
212	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	663	8	379829 418397
212	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	680	8	379818 418411
213	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	667	8	379715 418296
213	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	668	8	379711 418293
213	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	692	8	379673 418284
213	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	700	8	379661 418281

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	710	8	379632 418256
213	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	718	8	379624 418259
213	Points of Interest - Public Infrastructure Name: Sluices Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	720	8	379594 418213
214	Points of Interest - Public Infrastructure Name: Sluices Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	731	8	379581 418212
214	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (NW)	749	8	379543 418175
214	Points of Interest - Public Infrastructure Name: Sluices Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (NW)	753	8	379540 418179
214	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	797	8	379485 418163
214	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	804	8	379478 418163
215	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	771	8	380737 417230
215	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	774	8	380745 417233
215	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	811	8	380766 417202
215	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	838	8	380787 417185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
215	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	840	8	380794 417188
216	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	772	8	379860 418546
216	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	779	8	379850 418548
217	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (NW)	805	8	379918 418610
217	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	862	8	379969 418689
217	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	863	8	380017 418703
217	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	864	8	379962 418688
217	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	866	8	380010 418704
217	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	873	8	379983 418704
217	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	879	8	379984 418711
218	Points of Interest - Public Infrastructure Name: Sluice Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	825	8	379425 418068
218	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	852	8	379382 417994

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
219	Points of Interest - Public Infrastructure Name: Recycling Centre Location: Whalley Road, BL0 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A8SW (S)	856	8	379998 417010
220	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	A17SW (NW)	899	8	379557 418468
220	Points of Interest - Public Infrastructure Name: Graveyard Location: BL0 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	909	8	379543 418467
221	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	948	8	380115 418807
221	Points of Interest - Public Infrastructure Name: Weir Location: BL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	950	8	380107 418808
222	Points of Interest - Recreational and Environmental Name: Play Area Location: BL0 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (SW)	760	8	379934 417134
223	Points of Interest - Recreational and Environmental Name: Play Area Location: BL0 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	805	8	380952 418276
224	Points of Interest - Recreational and Environmental Name: Play Area Location: BL0 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	995	8	379576 417082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
225	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Proposal Map Status: Adopted Plan Date: 21st March 2024	A13SW (SE)	0	4	380242 417851
226	Areas of Adopted Green Belt Authority: Rossendale Borough Council, Planning Department Plan Name: Proposal Map Status: Adopted Plan Date: 9th November 2011	A13SE (SE)	311	10	380513 417655
227	Areas of Adopted Green Belt Authority: Rossendale Borough Council, Planning Department Plan Name: Proposal Map Status: Adopted Plan Date: 9th November 2011	A13SE (SE)	311	10	380513 417655

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Blackburn with Darwen Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Environment Agency - Head Office	July 2025 July 2025 June 2026 March 2026 November 2023	Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annually
Discharge Consents Environment Agency - North West Region	April 2026	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	Static
Integrated Pollution Controls Environment Agency - North West Region	January 2009	Static
Integrated Pollution Prevention And Control Environment Agency - North West Region	April 2026	Bi-Annually
Local Authority Integrated Pollution Prevention And Control Blackburn with Darwen Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2015 February 2015 July 2014 May 2016	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Blackburn with Darwen Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2015 February 2015 July 2014 May 2016	Not Applicable Not Applicable Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Blackburn with Darwen Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2015 February 2015 July 2014 May 2016	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	June 2026	6 Weekly
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	Static
Historical Prosecutions Environment Agency, North West Region	March 2013	Not Applicable
Registered Radioactive Substances Environment Agency - North West Region Environment Agency - Head Office	June 2026 May 2023	Quarterly Static
Substantiated Pollution Incident Register Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	July 2026 July 2026 July 2026	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - North West Region	April 2026	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Static
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	August 2025	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Reduction in Risk of Flooding from Rivers and Sea due to Defences Environment Agency - Head Office	January 2024	Static
Flood Water Storage Areas Environment Agency - Head Office	April 2026	Quarterly
Flood Defences Environment Agency - Head Office	August 2024	Quarterly
OS NGD Water Network Links Ordnance Survey	April 2026	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
Water Framework Directive - Catchment Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Surface Waters Environment Agency - Head Office	July 2025	Annually

Waste	Version	Update Cycle
Recorded Historical Waste Disposal Sites (1973 Survey) Landmark Information Group Limited	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	November 2025	Bi-Annually
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	November 2025 November 2025 November 2025	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2026 April 2026 April 2026	Bi-Annually Bi-Annually Bi-Annually
Local Authority Landfill Coverage Blackburn with Darwen Borough Council Bury Metropolitan Borough Council 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 Blackburn with Darwen Borough Council Bury Metropolitan Borough Council 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	Static Static Static Static Static
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Static
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Static
Registered Landfill Sites 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	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites 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	Static Static Static
Registered Waste Treatment or Disposal Sites 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	Static Static Static
Waste Exemption Permits Natural Resources Wales Environment Agency - Head Office	June 2026 May 2025	Quarterly Quarterly

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2026	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Static
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	Static
Planning Hazardous Substance Enforcements Lancashire County Council Blackburn with Darwen Borough Council Bury Metropolitan Borough Council Rossendale Borough Council - Planning Department Rochdale Metropolitan Borough Council	April 2023 February 2016 February 2016 May 2023 May 2026	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Lancashire County Council Rossendale Borough Council - Planning Department Blackburn with Darwen Borough Council Rochdale Metropolitan Borough Council Bury Metropolitan Borough Council	August 2022 August 2022 February 2016 June 2026 November 2022	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	February 2026	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	Static As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Static
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	June 2021	As notified
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	November 2025	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2025	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2026	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	May 2026	Quarterly
Points of Interest - Commercial Services PointX	June 2026	Quarterly
Points of Interest - Education and Health PointX	June 2026	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2026	Quarterly
Points of Interest - Public Infrastructure PointX	June 2026	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2026	Quarterly
Pollution Inventory Environment Agency - Head Office	February 2026	Annually
Underground Electrical Cables National Grid	January 2024	Static

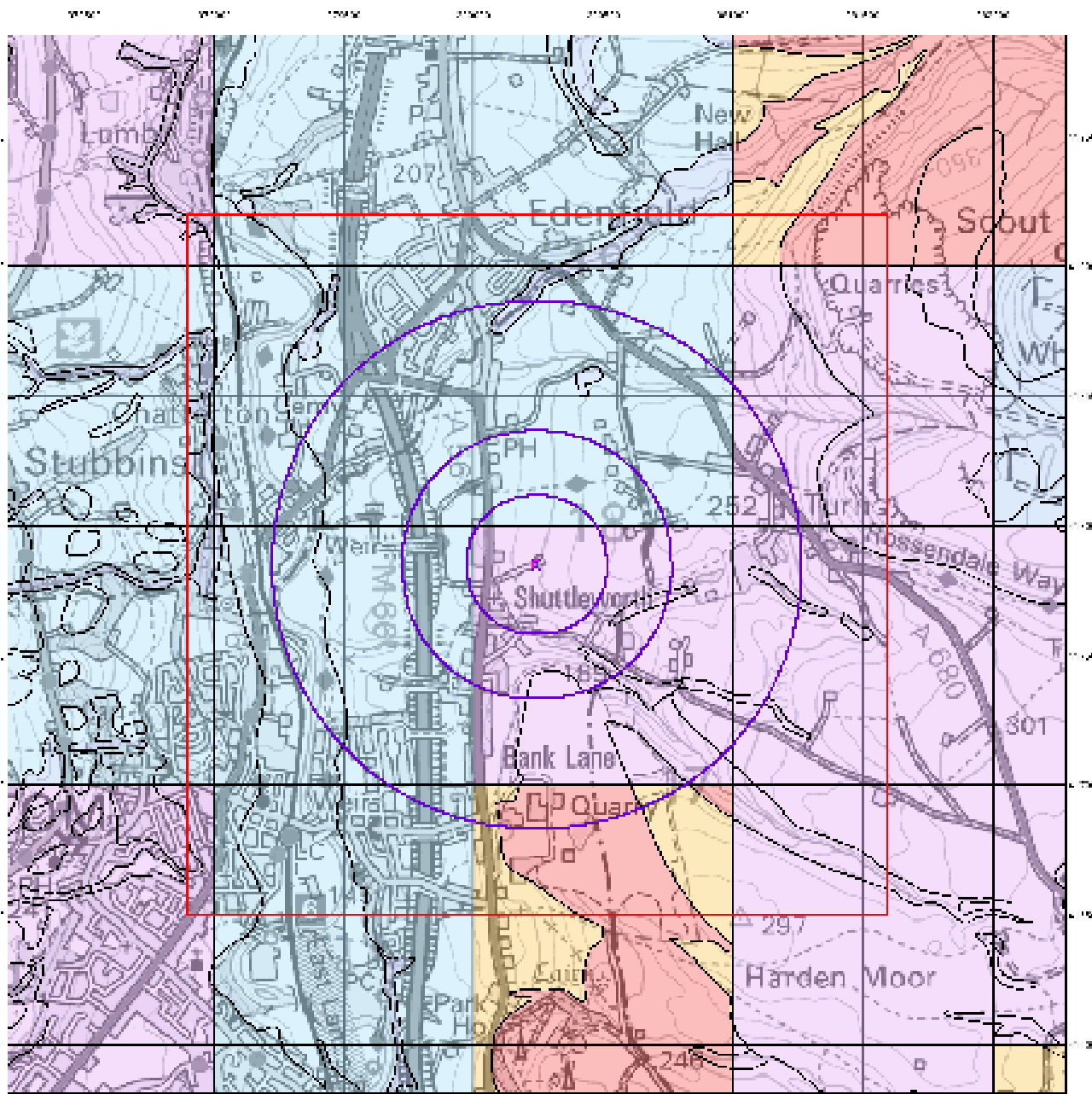
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	March 2026	Bi-Annually
Areas of Adopted Green Belt Blackburn with Darwen Borough Council Bury Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	March 2026 March 2026 March 2026 March 2026	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Blackburn with Darwen Borough Council Bury Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	March 2026 March 2026 March 2026 March 2026	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	April 2026	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	Static
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	January 2026	Bi-Annually
Marine Nature Reserves Natural England	February 2026	Bi-Annually
National Nature Reserves Natural England	June 2026	Bi-Annually
National Parks Natural England	September 2025	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 February 2026	Static Annually
Ramsar Sites Natural England	February 2026	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2026	Bi-Annually
Special Areas of Conservation Natural England	June 2026	Bi-Annually
Special Protection Areas Natural England	May 2026	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
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	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
4	Bury Metropolitan Borough Council Craig House, Bank Street, Bury, Lancashire, BL9 0DN	Telephone: 0161 253 5000 Fax: 0161 705 5290 Website: www.bury.gov.uk
5	Rossendale Borough Council - Environmental Health Department Town Hall, Rawtenstall, Rossendale, Lancashire, BB4 7LZ	Telephone: 01706 217777 Fax: 01706 224958 Website: www.rossendale.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 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Rossendale Borough Council - Planning Department Town Hall, Rawtenstall, Lancashire, BB4 7LZ	Telephone: 01706 217777 Fax: 01706 224958 Website: www.rossendale.gov.uk
11	Rochdale Metropolitan Borough Council PO Box 15, Town Hall, Rochdale, Greater Manchester, OL16 1AB	Telephone: 01706 647474 Fax: 01706 59475 Website: www.rochdale.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 Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



LK CONSULT

Groundwater Vulnerability

General

Boundary Line
 Site
 Search Buffer (m)
 Building Footprint Point
 Road

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

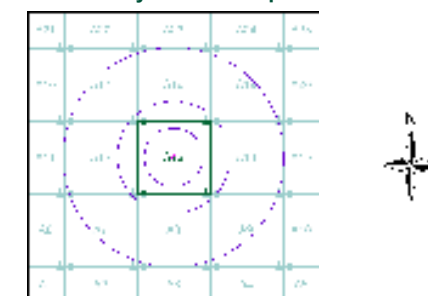
Superficial Aquifers

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

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

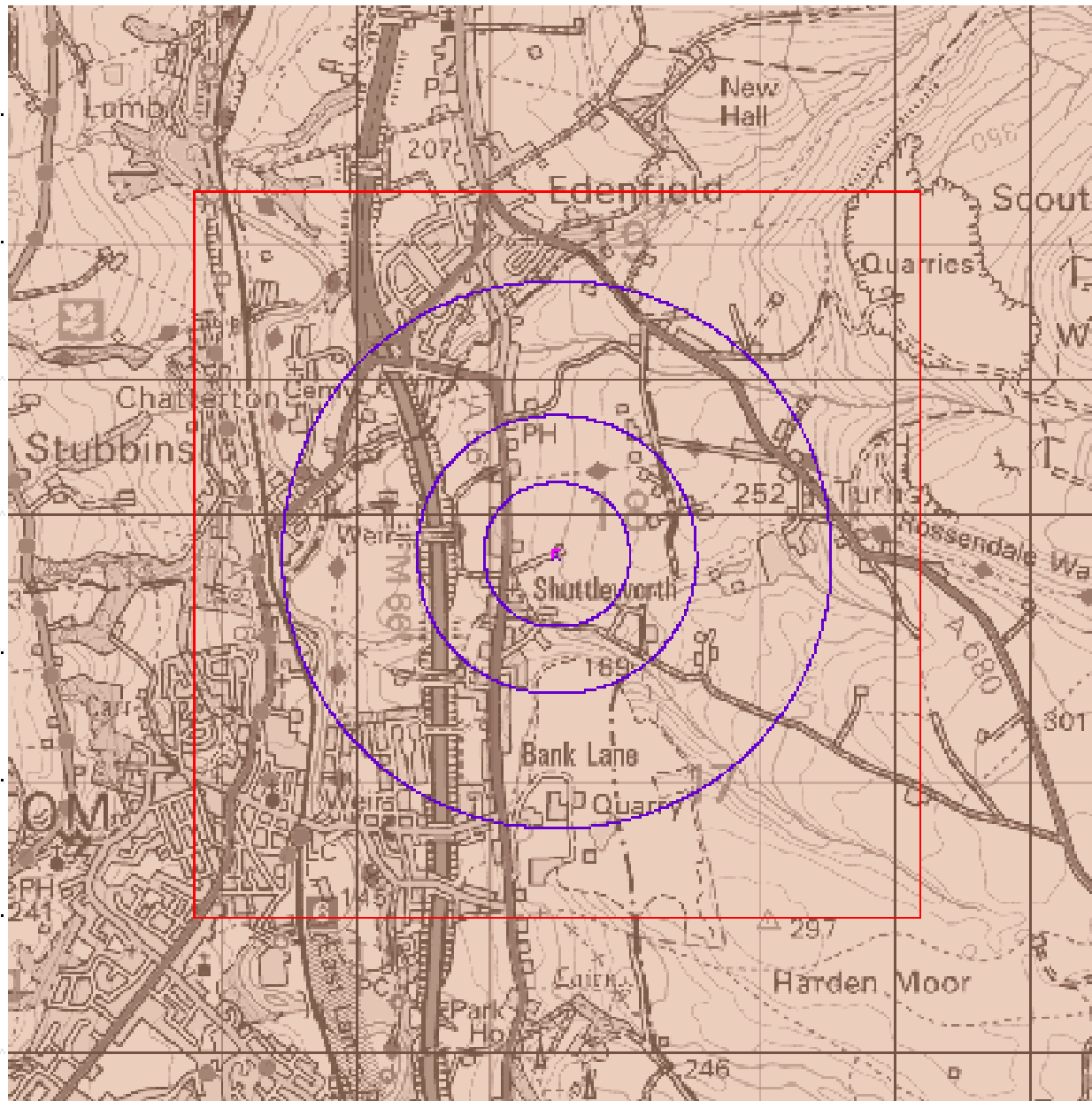
Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780

Landmark
 Environmental
 Engineering & Planning

Tel: 0330 036 6618
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



Bedrock Aquifer Designation

General

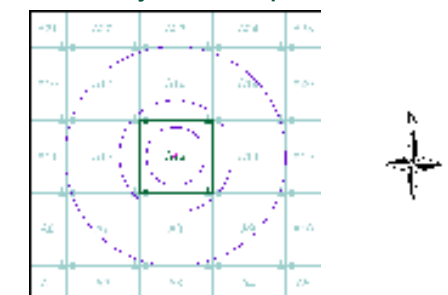
- Location of Site
- Search Buffer (m)
- Bedrock Piezometer Point
- Slice
- Road

Agency and Hydrological

Geological Classes

- Productive Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (rivers and floodplains)

Site Sensitivity Context Map - Slice A



Order Details

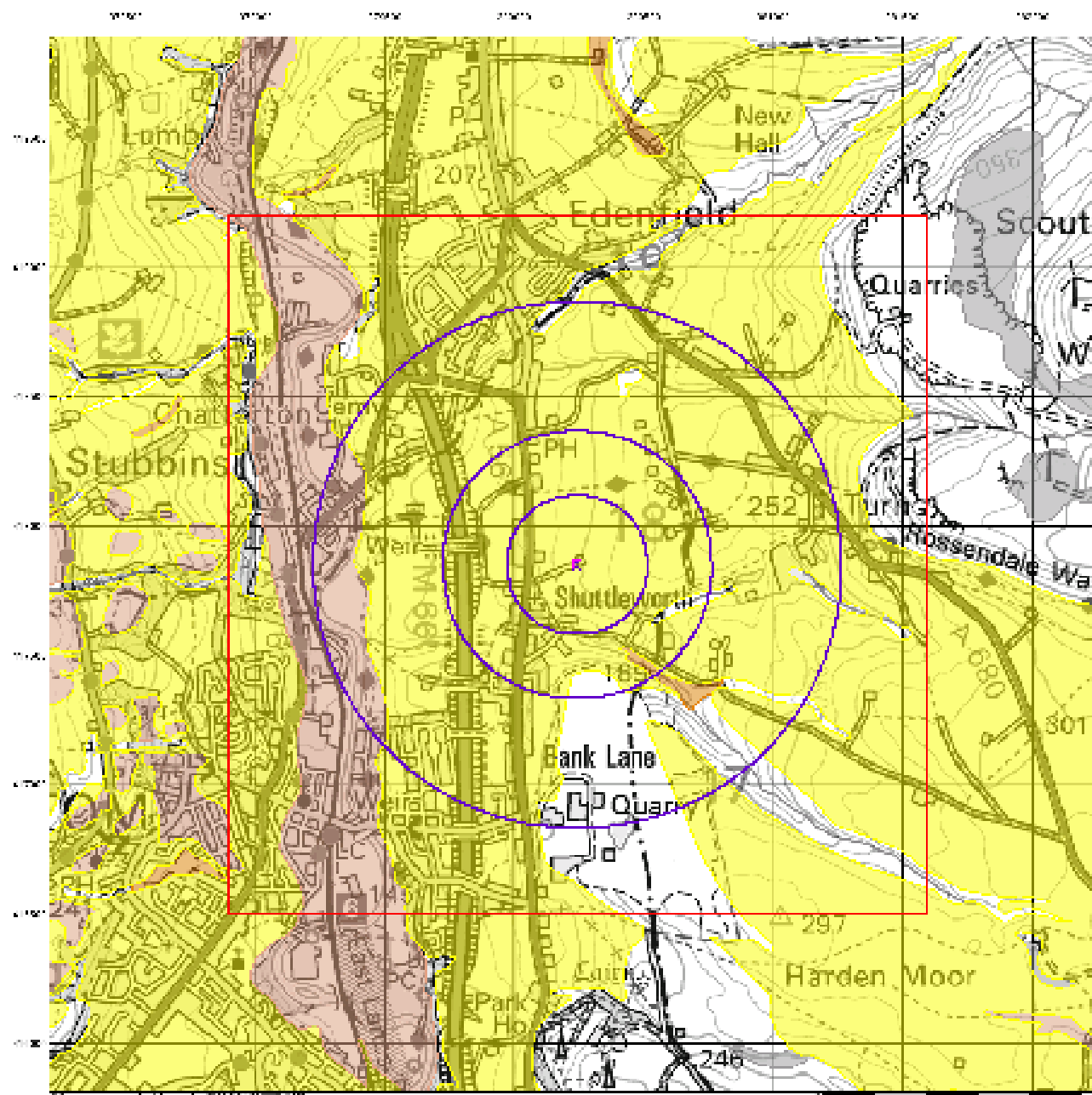
Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780



Tel: 0330 036 6618
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



LK CONSULT **Superficial Aquifer Designation**

General

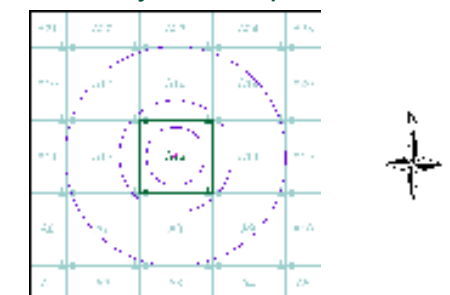
 Location ID:
  Search Buffer ID:
  Existing Reference Point:
  Slice:
  Grid ID:

Agency and Hydrological

Geological Classes

-  Productive Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown
-  Unknown (lakes and ponds)

Site Sensitivity Context Map - Slice A



Order Details

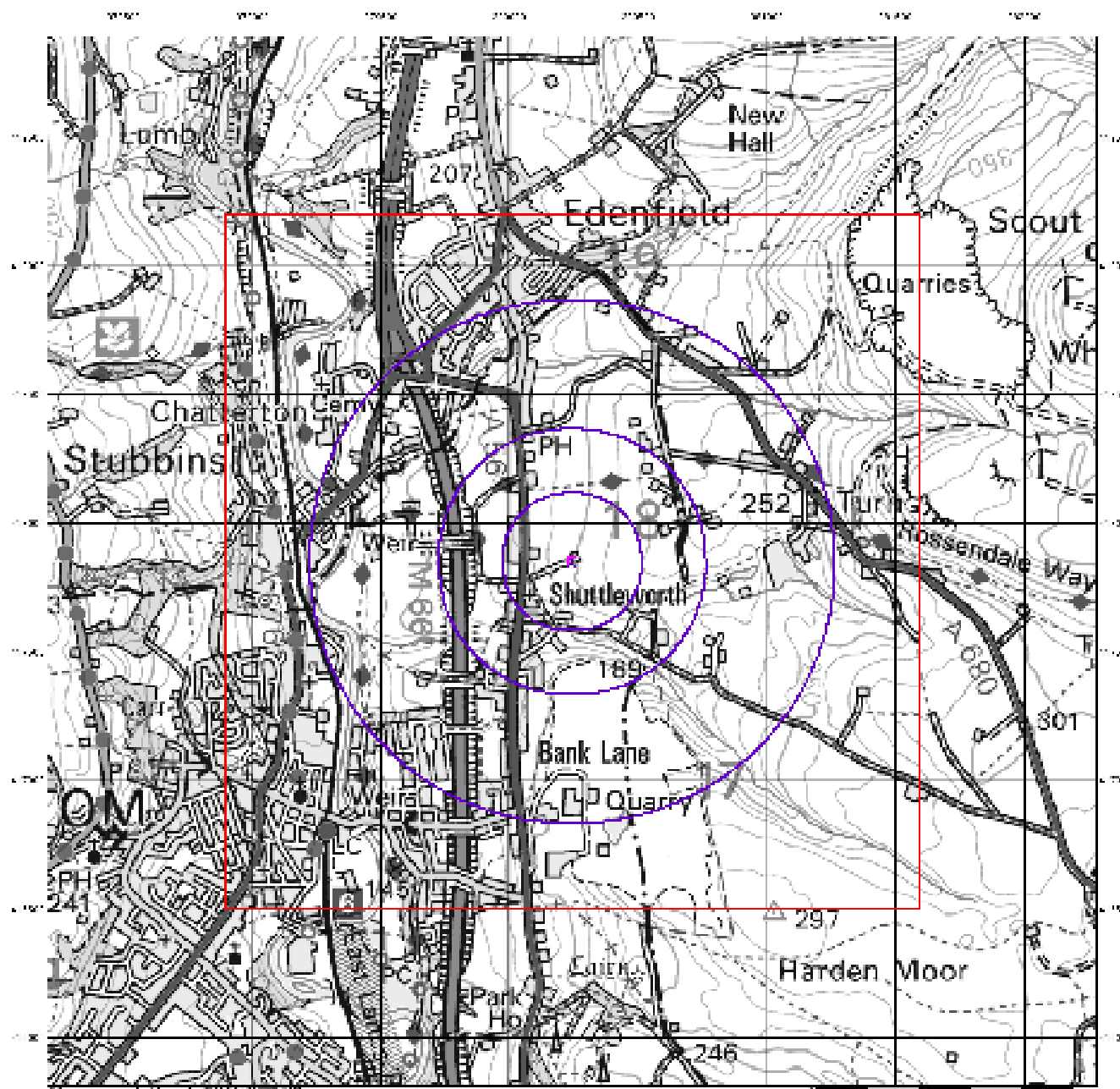
Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780

Landmark
 Environmental & Planning
 A Landmark Information Group Service

Tel: 0330 036 6618
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



LK CONSULT **Source Protection Zones**

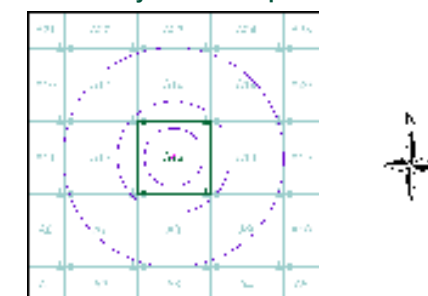
General

 Boundary (100m)
  Search Buffer (1000m)
  Borehole Point
  Site
  Road

Agency and Hydrological

 Flood (1:1000)
  Increased subsurface activity (1:1000)
  Other (1:1000)
  Other (1:1000)
  Flood (1:1000)
  Flood (1:1000)
  Other (1:1000)

Site Sensitivity Context Map - Slice A

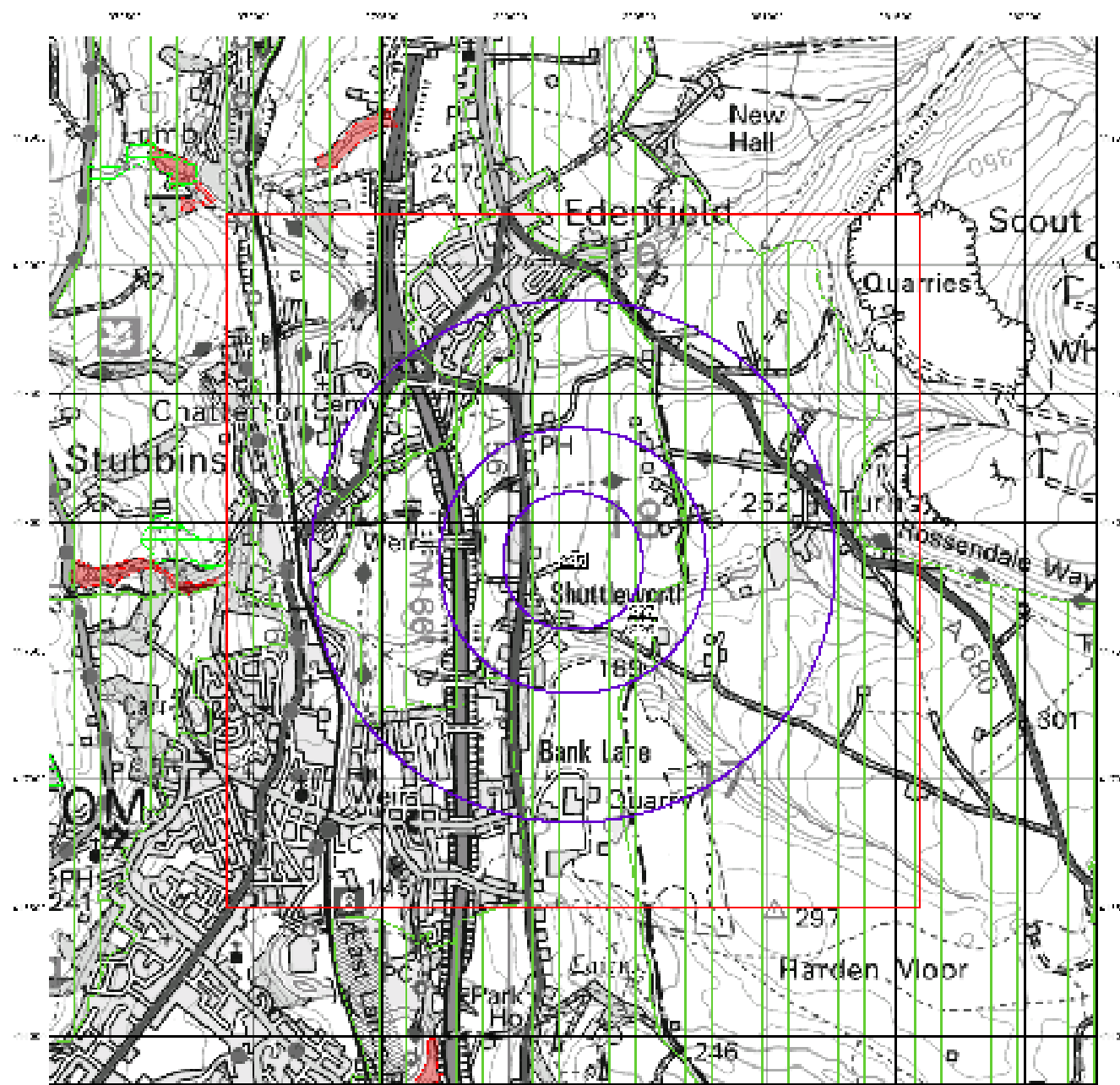


Order Details

Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details
LKC251780

Landmark
 Tel: 0330 036 6618
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



LK CONSULT **Sensitive Land Uses**

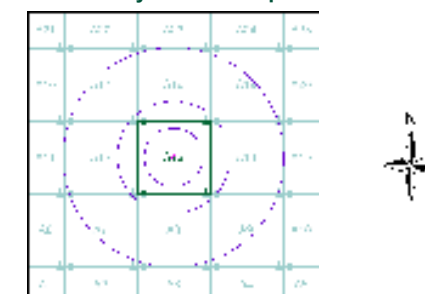
General

-  Boundary Line
-  Search Buffer (m)
-  Existing Reference Point
-  Slice
-  Road

Sensitive Land Uses

-  Ancient Woodland
-  Ancient Woodland Green Line
-  Ancient Woodland Great Wall
-  Ancient Woodland National Heritage
-  Environmentally Sensitive Area
-  Forest Park
-  Forest Nature Reserve
-  Marine Nature Reserve
-  Natural Nature Reserve
-  Natural Park
-  National Heritage Area
-  National Heritage Area
-  National Heritage Area
-  National Heritage Area
-  National Heritage Area
-  National Heritage Area
-  World Heritage Site

Site Sensitivity Context Map - Slice A



Order Details

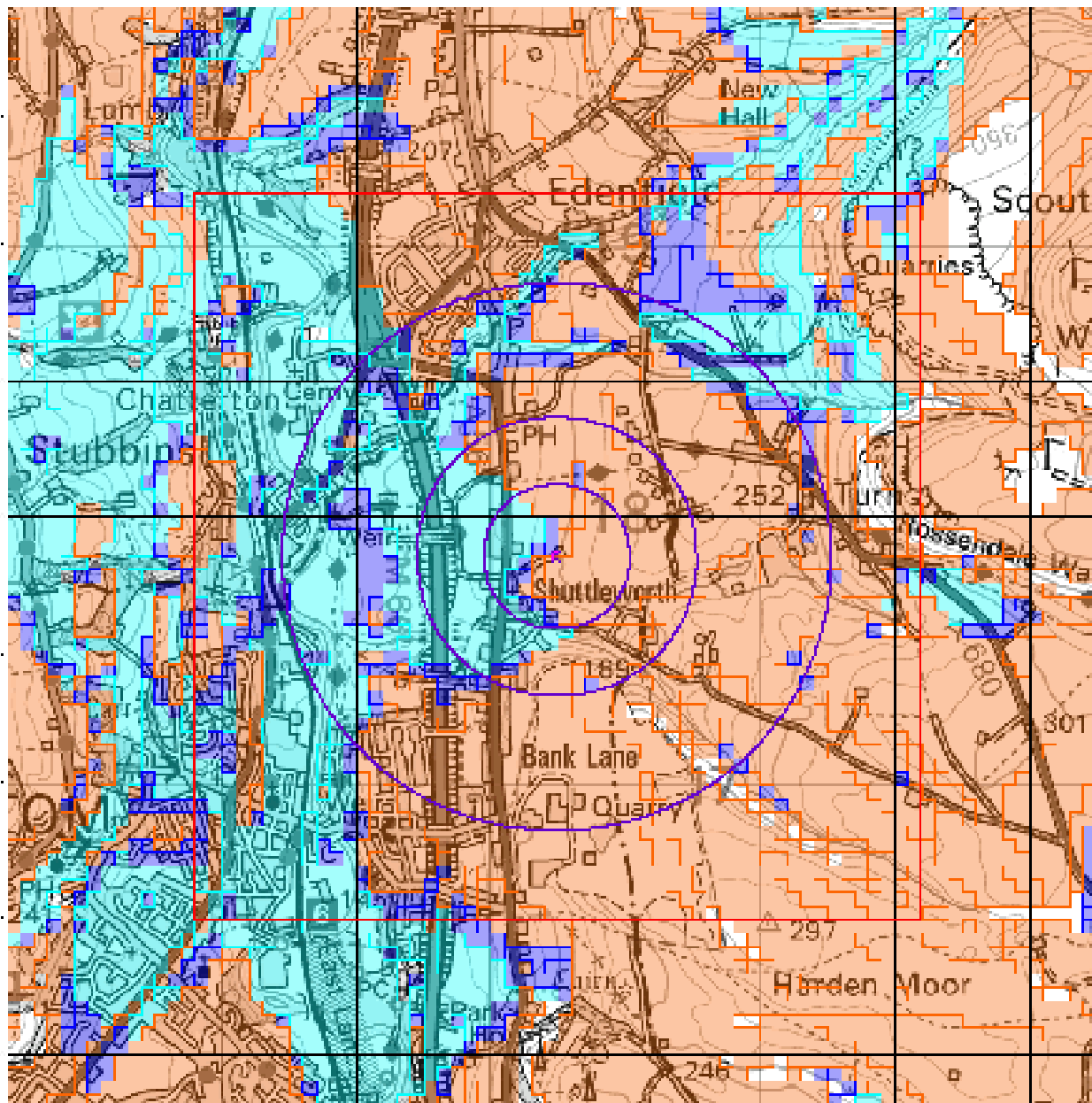
Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780

Landmark
 Environmental & Planning
 Consultants

Tel: 0330 036 6618
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



BGS Flood GFS Data

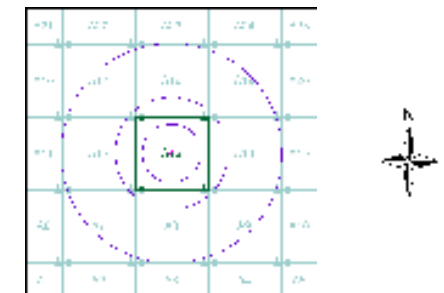
General

- Boundary (m)
- Search Buffer (m)
- Ending Point and Point
- Site

Agency and Hydrological (Flood)

- Unflooded Potential for Groundwater Flooding - Core
- Potential for Groundwater Flooding of Trenches Situated Below Ground Level
- Potential for Groundwater Flooding - Ground Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780



Tel: 0330 036 6618
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



The figure shows a 5x5 grid of cells. The columns are labeled A01, A02, A03, A04, A05 at the top. The rows are labeled A01, A02, A03, A04, A05 on the left. A 3x3 square region is highlighted in the center, with cells A12, A13, A14, A15, A16, A17, A18, A19, and A20. The center cell A13 is circled in red.

Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Plot Buffer (m): 100

LKC251780

Tel: 0330 036 6618
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

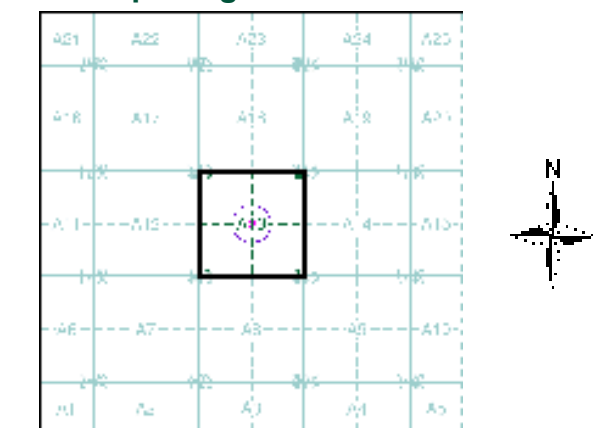
General

✱ Sample Point
 ○ Sample Point ID
 ✱ Planning Designation Point

Radon Affected Areas and Protection Measures

- 1 - Below 100% of the value of the probability of radon occurrence
- 2 - 100% of the value of the probability of radon occurrence
- 3 - 50% of the value of the probability of radon occurrence
- 4 - 10% of the value of the probability of radon occurrence
- 5 - 100% of the value of the probability of radon occurrence
- 6 - 100% of the value of the probability of radon occurrence

Radon Map - Segment A13



Order Details

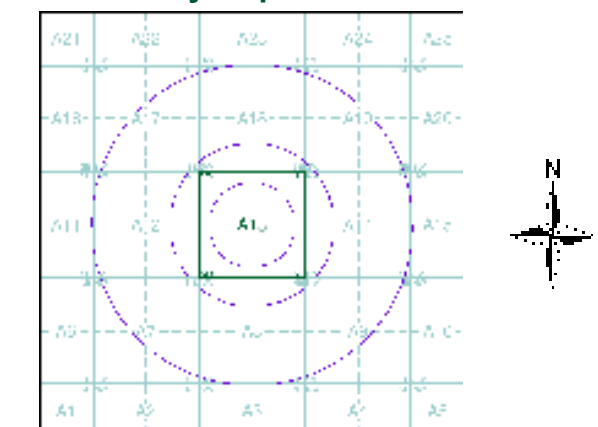
Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Plot Buffer (m): 100

Site Details

LKC251780



Site Sensitivity Map - Slice A



Order Details

Order Details:
Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

LKC251780

Landmark
INFORMATION GROUP

Tel: 0330 036 6618
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

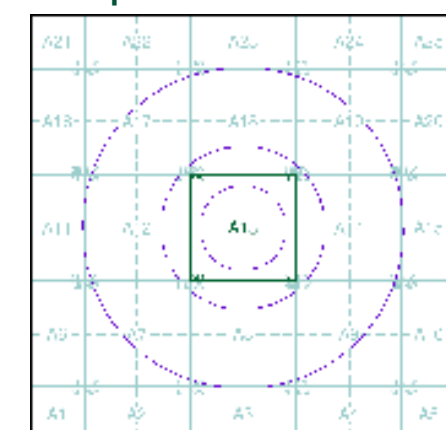
General

-  Specified Flood
-  Specified Flood (2)
-  Rising Defence in Flood

Agency and Hydrological (Flood)

-  Flooded Flooding from River or Flow within Catchment (Flood)
-  Flooded from River or Specified Distances and Jt
-  T&W Flooded Zone
-  Modelling Flooded from River and Specified Distances
-  Flooded from Storage Area
-  Flood Defence

Flood Map - Slice A



Order Details

Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780

General

-  Study Area
-  Search Buffer
-  Borehole Location
-  Map ID
-  Boundary of Local Authority

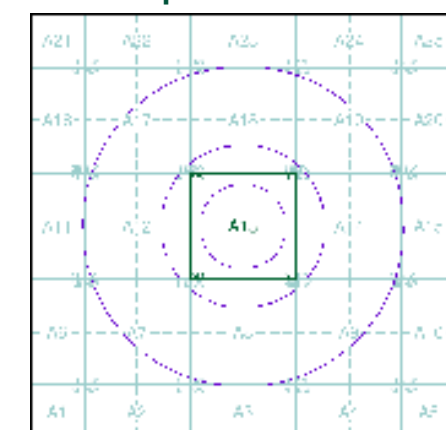
Agency and Hydrological (Boreholes)

-  1965 Environment Agency
-  1965 Environment Agency
-  1965 Environment Agency
-  Confirmed
-  Other

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

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

Borehole Map - Slice A



Order Details

Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780

General

-  Resettled Site
-  Resettled Site(s)
-  Design Reference Point

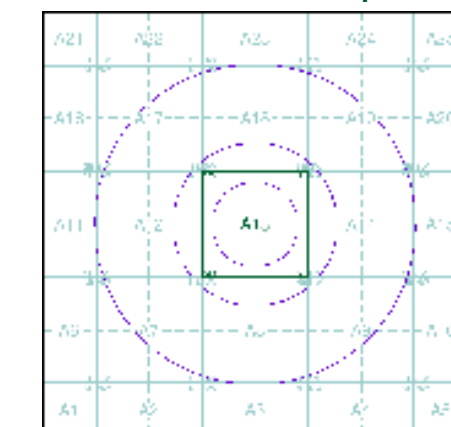
OS NGD Water Network Links Data

- | | |
|--|---|
|  Canal |  Drain |
|  Canal Feeder |  Other |
|  Sewer |  Still Water |
|  Freshwater |  Loch |
|  Marsh |  Loch |
|  Watercourse |  Sea |
|  Overflow | |

Contours (height in metres)

- Standard Contour  Mean Low Water
- Master Contour  Mean High Water
- Spot Height  197.2

OS NGD Water Network Map - Slice A



Order Details

Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780

General

-  Study Area
-  Search Buffer
-  Existing Exposure Point

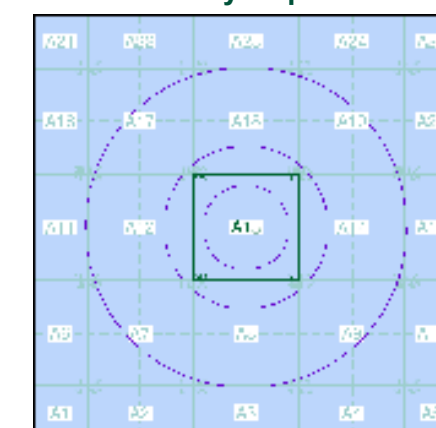
Risk of Flooding from Surface Water

-  High - 50 Year Return Period
-  Medium - 100 Year Return Period
-  Low - 200 Year Return Period

Suitability

-  Excellent
-  Good
-  Fair
-  Poor
-  Very Poor

EANRW Suitability Map - Slice A



Order Details

Order Number: 407055656_1_1
 Customer Ref: LKC251780
 National Grid Reference: 380240, 417850
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

LKC251780



LK CONSULT

WFD Surface Waters Map

General

- Location ID
- Search Buffer (m)
- Beating Reference Point
- Site
- Grid

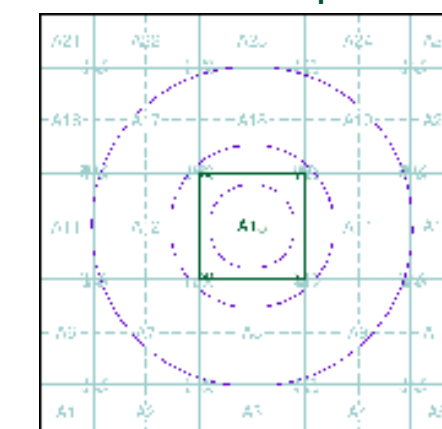
Water Framework Directive - Surface Water Quality

- Good
- Moderate
- Poor
- Very Poor

Contours (Height in meters)

- Standard Contour
- Mean Low Water
- Mean High Water
- Spot Height

WFD Surface Waters Map - Slice A



Order Details

Order Number: 407055656_1_1
Customer Ref: LKC251780
National Grid Reference: 380240, 417850
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

LKC251780

Landmark
INFORMATION GROUP

Tel: 0330 036 6618
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Appendix C – Zetica UXO Unexploded Bomb Risk Map

UNEXPLODED BOMB RISK MAP



SITE LOCATION

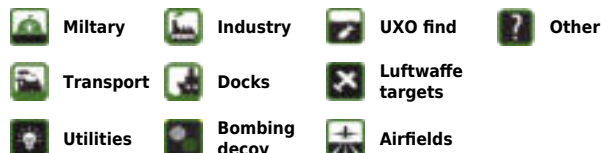
Map Centre: 380337,417907



This map principally indicates a hazard from Unexploded Bombs (UXB) due to WWII bombardment. Other sources of Unexploded Ordnance (UXO) may be present. It should be noted that this map does not represent UXO risk and should not be reported as such when reproduced.

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.



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

This map indicates the potential for UXBs to be present because of World War Two (WWII) bombing. It can be incorporated into a technical report, such as a Phase 1 Desk Study, or similar document as an indication of the potential for UXO encounter on a Site. Other sources of UXO may also be indicated, although note that these are not comprehensive and more detailed research is required to confirm their presence.

What if my Site is in a moderate or high density area?

We typically recommend that a detailed UXO desk study and risk assessment is undertaken for sites in an area with a moderate or high bombing density. Additionally, if your site is in close proximity to a strategic target, military establishment, airfield or bombing decoy, then [additional detailed research](#) is recommended.

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

If both the map and other research confirm 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.

If you are unsure whether other sources of UXO may be present, you can request one of our [pre-desk study assessments \(PDSA\)](#) by emailing a site boundary and location to pdsa@zetica.com.

You should never plan site work or undertake a risk assessment using these maps alone. More detail is required, to include an assessment of the likelihood of a source of UXO hazard from other military activity not reflected on these maps.

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 range of sources and should be used with the [accompanying notes on our website](#).

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 acknowledgement. The copyright remains with Zetica Ltd.

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 552⁹. 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	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).	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	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.	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	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.	Pollution of non-classified groundwater. Damage to building rendering it unsafe to occupy (e.g., foundation damage resulting in instability).
Minor	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.	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	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	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.

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	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	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	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	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	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 a very low risk is identified no specific remediation is required.

Where a low risk is identified, some form of remediation may be required depending on the pollutant linkage, the type and concentration of contaminants present and the proposed development.

Where there is a moderate/low risk identified, an assessment will be undertaken to establish what category the pollutant linkage will fall into.

Where LKC identifies a moderate or higher risk, remediation or further investigation work is recommended.

Appendix E - References

¹ Environment Agency, October 2020, "Land contamination risk management (LCRM). How to assess and manage the risks from land contamination".

² Ministry of Housing, Communities and Local Government, December 2024, "National Planning Policy Framework".

³ <https://www.digitalcollections.manchester.ac.uk/view/PR-R-88146/1>

⁴ <https://www.ramsbottomheritage.org.uk/cpg/displayimage.php?album=205&pid=27286>

⁵ Environment Agency, October 2020, "Land contamination risk management (LCRM). How to assess and manage the risks from land contamination".

⁶ Environment Agency, January 2009, "Updated technical background to the CLEA model", Science Report SC050021/SR3.

⁷ CIRIA, January 2001, "Contaminated land risk assessment. A guide to good practice", C552.

⁸ Health & Safety Executive, 1991, "Protection of Workers and the General Public during the Development of Contaminated Land", HSG66.

⁹ CIRIA, January 2001, "Contaminated land risk assessment. A guide to good practice", C552.

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