



Yew Tree Farm, Radcliffe Preliminary Risk Assessment

Job Number
LKC251735

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23rd December 2025

Client
Michael Lavin

DOCUMENT QUALITY ASSURANCE

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Job Number	LKC251735
Client	Michael Lavin

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1. Introduction

LK Consult Ltd (LKC) has been commissioned to carry out a Phase 1 Preliminary Risk Assessment (PRA) for Yew Tree Farm, Radcliffe.

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

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

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

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	North-east of Ringley Road West along unnamed track, west of Wood Street, Radcliffe. Centred at National Grid Reference 377345E 405765N.
Area	1,105m ² .
Topography	Site situated at 90.5-91.5m above ordnance datum (AOD). Site slopes gently upwards towards the south-east.
Current Site Use	The site comprises part of a farmyard currently used for vehicle storage. A partially demolished building occupies the central area. Site is mostly hardstood with small areas of soft landscaping located in both the eastern and western corners.
Proposed Development	Two residential properties on existing foundations; including gardens, soft landscaping, car parking and associated infrastructure.

Table 1-1: Summary of site details.

2. Historical Review

In compiling the site history, LKC consulted Envirocheck historical mapping (Appendix A) and 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	
Yew Tree Farm	Whole Site	1850	2025	Site predominantly road / yard in north and undeveloped land in the south. Greenhouse in east in 1937 mapping only. Building encroached onto east / centre of site from 1956 mapping. Hardstood track along south-western boundary of site from 2016 mapping. Onsite, buildings become partially demolished in 2023 aerial photography. anecdotal evidence suggests this was due to a fire.

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	
Gravel Pit	35	NE	1893	1980	Initially 180m north-east. Expands to 75m north-east from 1909 mapping, and 35m by 1929 mapping. No longer present by 1987 mapping.
Ponds	120	N	1955	1980	No longer present by 1987 mapping.
	170				
Clough Side Colliery / Outwood Colliery	190	E	1850	1992	1no. Coal Pits present 215m east on 1850 mapping. Gravel pit present 190m east from 1893 to 1992 mapping, and no longer present by 1999 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.

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, Devensian (Diamicton).
	Bedrock		Pennine Middle Coal Measures (mudstone, siltstone, sandstone). Coal seams dipping south / south-west subcropping in the surrounding area. It is anticipated the Ince New (Major, Stonedelf) Coal seam dips under the site.
	BGS Logs (100m)		None.
Hydro-geology ¹	Aquifer Designation	Superficial	Secondary Undifferentiated Aquifer.
		Bedrock	Secondary A Aquifer.
	Source Protection Zone (SPZ)		Site not within an SPZ.
	Groundwater Abstractions (100m)		None.
Hydrology ¹	Surface Watercourses (100m)		None.
	Flooding Risk ^{1, 4}		Flood Zone 1.
	Surface Water Abstractions (100m)		None.
	Discharge Consents (onsite)		None.
	Pollution Incidents (onsite)		None.
Minerals & Mining ^{1,5}	Coal Mining		Within a Coal Reporting Area. North of site within a Development High Risk Area.
	Surface Mineral Extractions (250m)		230m E – Outwood Colliery, Commodity: Coal, Status: Ceased.
	Non-Coal Mining Area		No hazard.
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		None.
	Potentially Infilled Land (non-water and water), based on Envirocheck Report		2no. features: 193m E and 233m N.
	Potentially Infilled Sites, based on LKC historical review		4no. features: See Table 2-2.

Table 3-1: Summary of the environmental setting.

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

Data Sources:

1 Envirocheck Report (Appendix A & B)

2 BGS Sheet Manchester 85 NE 1:10,000

3 <http://mapapps2.bgs.ac.uk/geoindex/home.html>

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

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

Categories ^(data sources)	Details
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 on site.
Contemporary Trade Directory (50m) ¹	None.
Fuel Station Entries (50m) ¹	None.
Unexploded Ordnance Risk (UXO) – Zetica Risk Map ⁶	Bomb Risk: Low. Strategic Targets: Identified within 100m (see below): Details: Luftwaffe target located approximately 100m SE, at the dwellings on Ringley Road.

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

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

Data Sources:

1 Envirocheck Report (Appendix A & B).

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

4. Preliminary Conceptual Model

4.1. Introduction

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

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

4.2. Potential Contaminants

Potential viable contamination sources are detailed in Table 4-1. 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 (Yew Tree Farm)	Assuming predominantly reworked natural soils with possible demolition rubble, ash and clinker: asbestos, heavy metals, sulphates, PAHs ⁴ . Not expected to be a significant source of gas given anticipated depth and nature of made ground.
Yew Tree Farm	Use and maintenance of machinery: petroleum hydrocarbons. Above or below fuel storage tanks: petroleum hydrocarbons. Significant storage not anticipated. Old / demolished buildings: asbestos containing material (ACM). Not anticipated to have large scale use / storage of pesticides or herbicides.
Surrounding Area	
Offsite potentially infilled ponds and coal pit.	Given relatively small size and the distance of the features, there is not considered to be a significant source of hazardous gas (principally carbon dioxide and methane).
Offsite potentially infilled gravel pit.	Given large size and the distance of the features, there may be a potential source of hazardous gas (principally carbon dioxide and methane), however it is expected to be limited as feature is undeveloped therefore the preferential pathway for the migration of gas is anticipated to be vertical rather than laterally due to anticipated intervening clay superficial strata.
Underlying Geology	
Pennine Middle Coal Measures	Ground Gas (principally carbon dioxide and methane) ⁵ . Potentially worked shallow coal seams could be a source of ground gas.
Radon Affected Area	<1% of homes above Action Level. No protective measures are necessary in the construction of new dwellings or extensions.
Superficial	Glacial Till. No significant contamination sources identified.

Table 4-1: Potential contamination sources.

4.3. Potential Receptors

Potential receptors are detailed in Table 4-2.

Receptors	
Human health	Future site users (including residents, visitors, and site workers).
Controlled waters	No surface water within influencing distance. Secondary A Bedrock Aquifer. Secondary Undifferentiated Superficial Aquifer.
Buildings.	
Potable water pipes.	

Table 4-2: Potential receptors.

4.4. Potential Pathways

Potential pathways are detailed in Table 4-3.

Pathways		
Soil	Human health ⁶ (residential land use: houses with private gardens)	Ingestion of soil. Ingestion of soil-derived indoor dust. Ingestion of contaminated home-grown produce. Ingestion of soil attached to home-grown produce. Dermal contact with soil. Dermal contact with soil-derived indoor dust. Inhalation of soil-derived outdoor dust. Inhalation of soil-derived indoor dust. Inhalation of vapours outside. Inhalation of vapours inside.
		Windblown dust and fibres to adjacent receptors.
		Direct contact with receptors (services).
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 (mudstone, siltstone, sandstone) likely to be variably permeable. Preferential pathways: services, possible shallow worked coal seams.	
Gas	Migration into buildings (e.g., via services) and accumulation of gases in confined spaces (potentially causing explosion if methane is present).	

Table 4-3: Potential pathways.

4.5. Preliminary Contamination Conceptual Model

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

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, 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 6.

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, PAHs, metals, (made ground, Yew Tree Farm).	Dermal contact. Inhalation of soil, fibres, and dust.	Future site users. Offsite receptors.	Low likelihood	Medium	Moderate	Likely probability given history of site and likely presence of made ground. Recommendation: Intrusive investigation to include soil sampling and testing of contaminants of concern.
	Petroleum hydrocarbons (Yew Tree Farm).	Ingestion of soils, dust, home-grown produce, soil attached to home-grown produce. Windblown dust.		Low likelihood		Moderate / Low	Significant storage of fuels not anticipated due to size of farm. Hardstood ground and underlying Till expected to limit downwards migration. Recommendation: Investigation required, testing subject to ground conditions.
2	Naphthalene (made ground). Petroleum hydrocarbons (Yew Tree Farm).	Inhalation of vapours. Migration via permeable strata and preferential pathways.	Future site users.	Low likelihood	Medium	Moderate / Low	Low likelihood that ash-derived naphthalene will generate significant vapours. Significant storage of fuels not anticipated due to size of farm. Hardstood ground and underlying till expected to limit downwards migration. Recommendation: Investigation required, testing subject to ground conditions.
3	Hazardous / ground gas: methane, carbon dioxide (Pennine Middle Coal Measures, gravel pit).	Migration via permeable strata and preferential pathways. Inhalation of gas. Explosion in confined spaces.	Future site users. Buildings.	Unlikely	Severe	Moderate / Low	Limited source of hazardous gas with no significant pathways anticipated. The existing concrete slab and the Till superficial is expected to limit upward migration of ground gas from the coal measures, and lateral migration from the gravel pit. Therefore, there is an unlikely probability hazardous / ground gas affecting the site. Recommendations: Intrusive investigation required, if significant source or pathway identified, gas monitoring or retrospective gas protection measures on existing concrete slab required.
4	PAHs, metals (made ground). Petroleum hydrocarbons (Yew Tree Farm).	Surface run-off. Migration via permeable strata and preferential pathways. Perched waters migration.	Groundwater.	Low Likelihood	Medium	Moderate / Low	Low likelihood considering that superficial is expected to be low permeability, limiting any downward migration of mobile contaminants. Recommendations: No water sampling or leaching tests required unless significant evidence of mobile contamination is identified in the soil.

Table 4-4: Preliminary Contamination Conceptual Model.

Notes: PL = Pollutant Linkage. Contaminant of Concern (CoC) - See Table 4-1 for contamination sources. See Section 6 for recommendations.

PL	Contaminants of Concern (source)	Pathway	Receptor	Probability	Consequence	Risk	Assessment and Recommendations
5	Naphthalene (made ground). Petroleum hydrocarbons (Yew Tree Farm).	Ingestion of tainted water supply.	Future site users. Water pipes.	Low Likelihood	Medium	Moderate / Low	Low likelihood as deep made ground not anticipated, and significant storage of fuels not anticipated due to size of farm. Hardstood ground and underlying Till expected to limit downwards migration of petroleum hydrocarbons. Recommendations: Sampling and analysis of soils if made ground / impacted natural ground at anticipated pipeline depths (c. 0.75-1.35mbgl). Water pipe assessment required.

Table 4-4 (continued): Preliminary Contamination Conceptual Model.

Notes: PL = Pollutant Linkage. Contaminant of Concern (CoC) - See Table 4-1 for contamination sources. See Section 6 for recommendations.

5. Preliminary Geotechnical Risk Assessment

Table 5-1 summarises the possible geotechnical constraints of the site, based on the site history, environmental settings. Investigation work will be required to confirm the risks and provide a detailed geotechnical assessment and foundation design.

Coal Mining	North of site is within a development high risk area. As the proposed buildings will re-use the existing slab and minimal groundworks / ground disturbance are anticipated, it is assumed that the site will fall into the 'Part B – exempt by nature of development' ⁹ and a coal mining risk assessment will not be required. This should be agreed with the Mining Remediation Authority.
Slope Stability	No significant slope identified on site. No further assessment required.
Envirocheck Ground Stability Hazards	No to very low hazard identified. No further action required.
Made Ground	Unknown depth and constituent of made ground across the site.
Superficial	Unknown strength of soils for foundation design. Clay anticipated below the site.
Bedrock	Unknown depth to bedrock.
Groundwater	Unknown depth and variability of groundwater.
Plasticity	Plasticity of clay deposits should be confirmed, particularly where trees are present or proposed, to identify the shrink / swell risk.
Sulphate	Unknown sulphate content of the made ground and natural.

Table 5-1: Summary of geotechnical constraints.

6. Summary Conclusions and Recommendations

6.1. Summary Conclusions

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

Current Site Use & Pertinent Features	The site comprises part of a farmyard currently used for vehicle storage. A partially demolished building occupies the central area. Site is mostly hardstood with small areas of soft landscaping located in both the eastern and western corners.
Proposed Development	Two residential properties on existing foundations; including gardens, soft landscaping, car parking and associated infrastructure.
Main Historical Features	Onsite: Yew Tree Farm. Surrounding Area: Gravel pits, ponds, Clough Side Colliery / Outwood Colliery.
Geology / Hydrogeology	Artificial: No BGS recorded artificial. Superficial: Till, Devensian (Diamicton). Secondary Undifferentiated Aquifer. Bedrock: Pennine Middle Coal Measures (mudstone, siltstone and sandstone). Secondary A Aquifer.
Landfills / Infilled Ground	Potentially infilled ground identified offsite.

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

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, PAHs, metals.	Moderate
	Petroleum hydrocarbons.	Moderate / Low
PL2: Volatile contaminants posing a risk to receptors via the inhalation of vapours.	Naphthalene, petroleum hydrocarbons.	Moderate / Low
PL3: Gas posing a risk to buildings and receptors via the migration of gas into building causing explosion and asphyxiation.	Hazardous / ground gas: methane, carbon dioxide.	Moderate / Low
PL4: Mobile contamination posing a risk to controlled waters via the migration through permeable strata.	PAH, metals, petroleum hydrocarbons.	Moderate / Low
PL5: Organic contaminants posing a risk to receptors.	Naphthalene, petroleum hydrocarbons.	Moderate / Low

Table 6-2: Summary risk table.

A preliminary geotechnical assessment has been carried out by LKC. Table 6-3 summarises the geotechnical constraints.

Coal Mining	North of site is within a development high risk area. As the proposed buildings will re-use the existing slab and minimal groundworks / ground disturbance are anticipated, it is assumed that the site will fall into the 'Part B – exempt by nature of development' ¹⁰ and a coal mining risk assessment will not be required. This should be agreed with the Mining Remediation Authority.
Slope Stability	No significant slope identified on site. No further assessment required.
Made Ground	Unknown depth and constituent of made ground across the site.
Superficial	Unknown strength of soils for foundation design.
Bedrock	Unknown depth to bedrock.
Groundwater	Unknown depth and variability of groundwater.
Plasticity	Plasticity of clay deposits should be confirmed.
Sulphate	Unknown sulphate content of the made ground and natural.
Road / Pavement Design	Unknown CBR values for footpath and road design should be calculated.

Table 6-3: Summary of geotechnical constraints.

Based upon the available information, LKC conclude there is a viable contamination and geotechnical risk and therefore further assessment is recommended.

6.2. Recommendations

Recommendations are provided in Table 6-4.

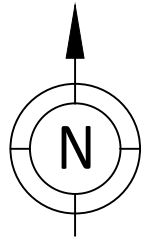
Contamination Status	There is sufficient information on the potential contaminative status of the site to allow conditional approval of a planning application, based on the proposed end use detailed in the PRA.
Further Assessment Recommendations	Phase 2 intrusive investigation required. Phase 2 investigation to be carried out in line with current guidance, including BS10175 ¹¹ , BS5930 ¹² CIRIA C665 ¹³ , RB17 ¹⁴ and BS8485 ¹⁵ . Targeted investigation locations in areas of concern (contamination and geotechnical). To be agreed with the local authority.
Local Authority Approval	Conditional planning approval is likely to require an agreed detailed scope of work.
Type of Investigation Work	Boreholes and / or trial pits.
PL 1, 2, 5	Intrusive investigation work recommended to confirm ground conditions across the site. Testing of contaminants of concern based on preliminary conceptual model and field observations (PID tests and visual / olfactory evidence).
PL 3	Intrusive investigation to confirm ground conditions. If significant gas source and pathway identified, gas monitoring or gas protection measures required. Gas monitoring: monitoring wells to be installed in boreholes, monitoring frequency and period subject to anticipated risk. Precautionary gas protection measures: type of measures to be determined once ground conditions established.
PL 4	Groundwater sampling, subject to ground conditions encountered.
Reporting	Information from the above can be used to carry out a contamination and geotechnical assessment and provide a remediation strategy for the site.

Table 6-4: Recommendations.

Figures



Client: JPE Consultancy				Title: Site Location & Boundary Plan		 LK CONSULT			
Site: Yew Tree Farm, Radcliffe				Scale (see scale bar): 1:25,000 & 1:500 @ A4					
Job No.: LKC251735		Drawn By: JL	Checked By: CB	Drawn: Dec 2025				Figure: 1	Revision:



KEY

Site Boundary

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.



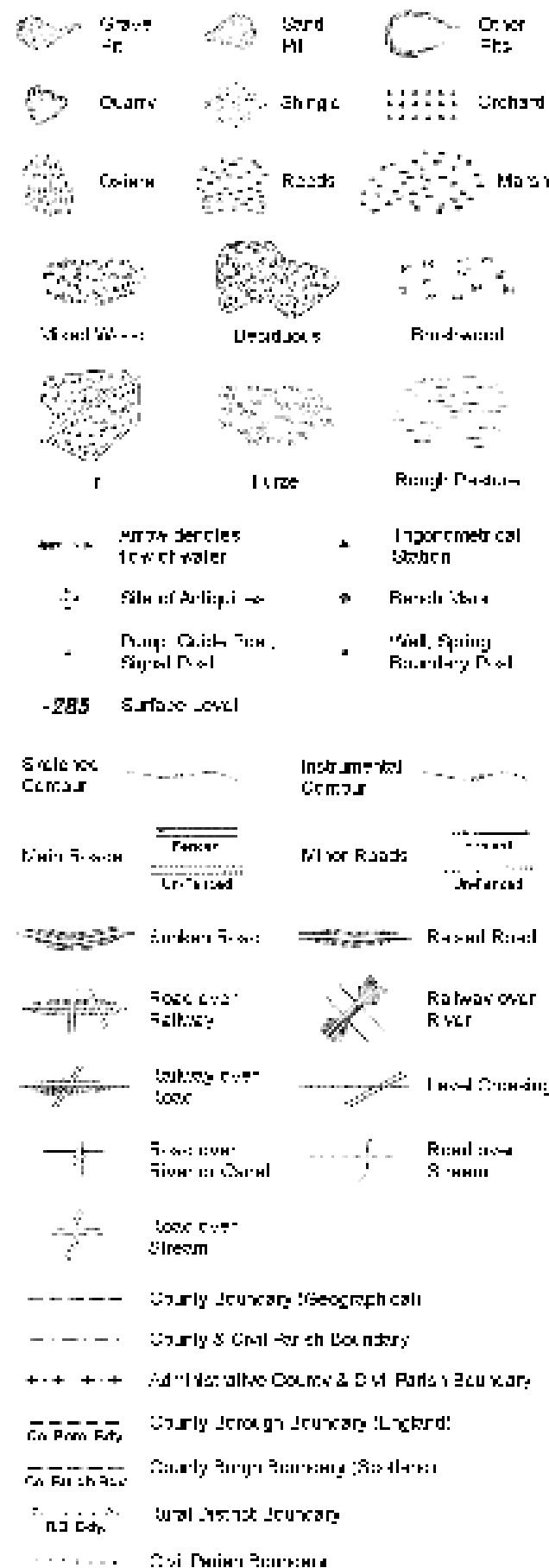
LK CONSULT

Client:			
JPE Consultancy			
Site:			
Yew Tree Farm, Radcliffe			
Title:			
Proposed Development Plan			
Job No.:	Scale (See Scale Bar):	Figure:	Revision:
LKC251735	1:250 @ A3	2	
Drawn By:	Checked By:	Date:	
AC	JL	Dec 2025	

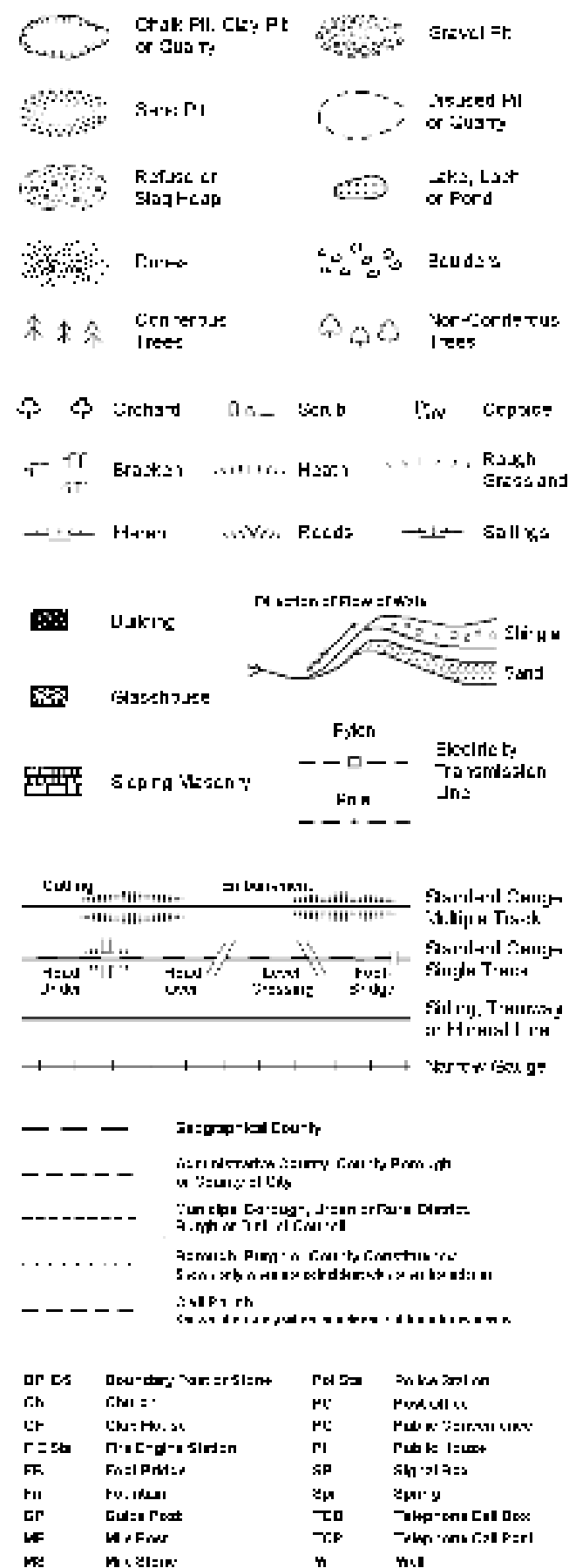
Appendix A – Historical Maps

Historical Mapping Legends

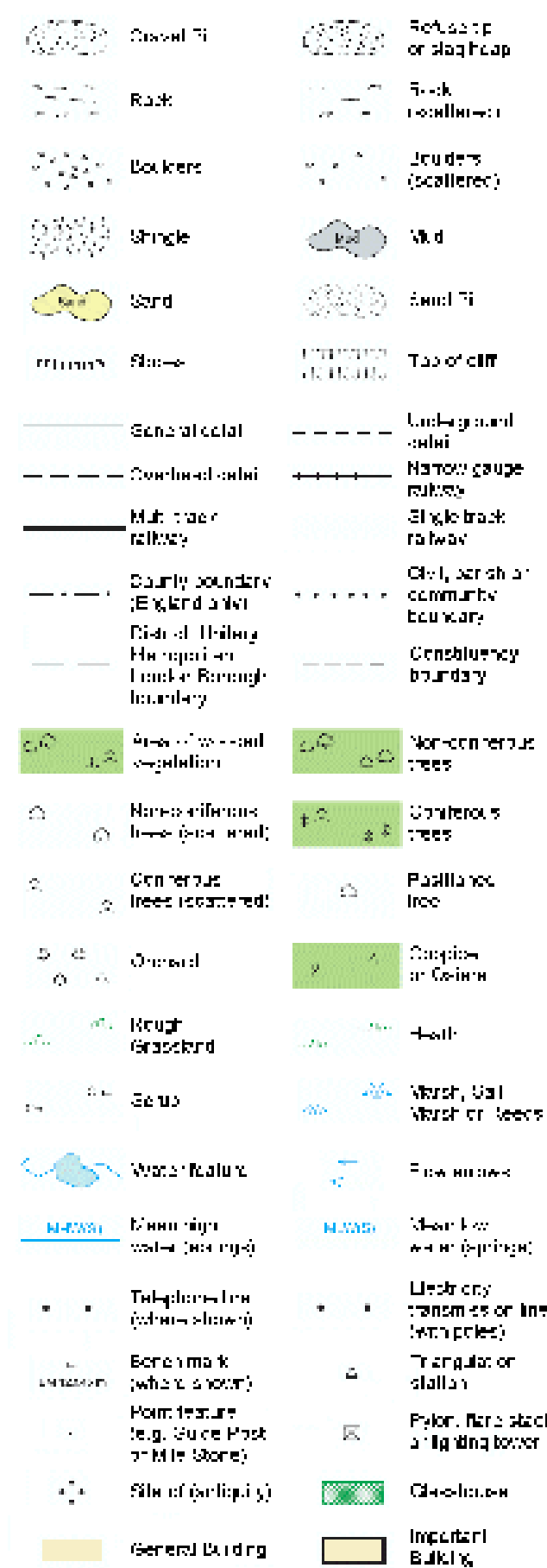
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000

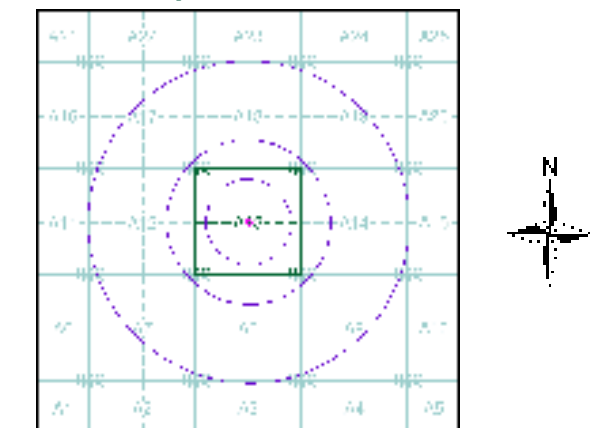


1:10,000 Raster Mapping



Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1850	3
Lancashire And Furness	1:10,560	1894 - 1895	4
Lancashire And Furness	1:10,560	1910	5
Lancashire And Furness	1:10,560	1930	6
Lancashire And Furness	1:10,560	1937	7
Lancashire And Furness	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1955 - 1956	9
Ordnance Survey Plan	1:10,000	1965 - 1967	10
Ordnance Survey Plan	1:10,000	1975	11
Manchester	1:25,000	1975	12
Ordnance Survey Plan	1:10,000	1980	13
Ordnance Survey Plan	1:10,000	1989	14
Ordnance Survey Plan	1:10,000	1990 - 1992	15
10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2025	18

Historical Map - Slice A



Order Details

Order Number:	391427302_1_1
Customer Ref:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

Site Details

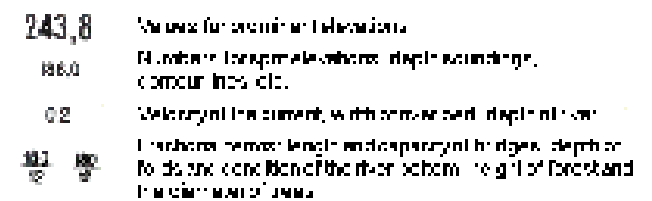
Yew Tree Farm, Ringley Road West, Radcliffe, Manchester,
M26 1EB



Russian Military Mapping Legends

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

A: Above ground features B: Below ground

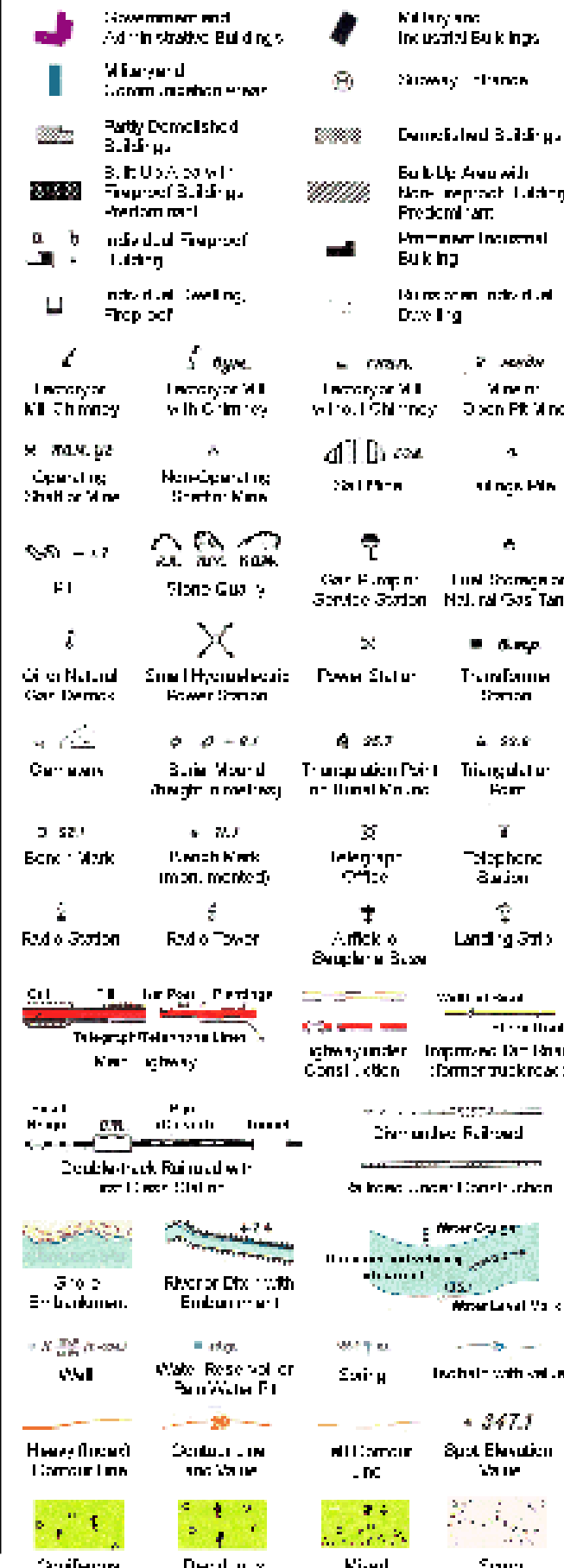


Russian Alphabet (Cyrillic) and the Latin alphabet (English)

А а (A)	Б б (B)	В в (V)	Г г (G)	Д д (D)	Е е (E)	Ё ё (YO)	Ж ж (ZH)	З з (Z)	И и (I)	Й й (Y)	К к (K)	Л л (L)	М м (M)	Н н (N)	О о (O)	П п (P)	Р р (R)	С с (S)	Т т (T)	У у (U)	Ф ф (F)	Х х (KH)	Ц ц (CH)	Ч ч (CH)	Ш ш (SH)	Щ щ (SCH)	Ъ ъ ()	Ы ы (Y)	Э э (E)	Ю ю (YU or IU)	Я я (YA or IYA)
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1:25,000 mapping

A: Above ground features B: Below ground



Key to Numbers on Mapping

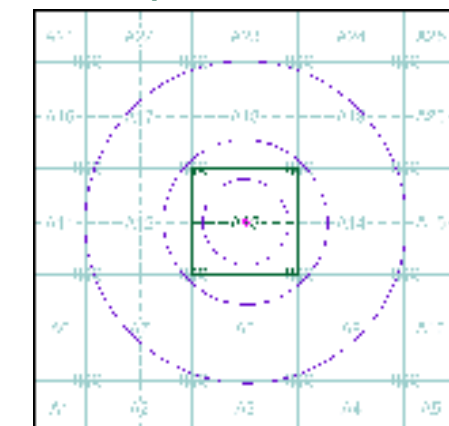


LK CONSULT

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1850	3
Lancashire And Furness	1:10,560	1894 - 1895	4
Lancashire And Furness	1:10,560	1910	5
Lancashire And Furness	1:10,560	1930	6
Lancashire And Furness	1:10,560	1937	7
Lancashire And Furness	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1955 - 1956	9
Ordnance Survey Plan	1:10,000	1965 - 1967	10
Ordnance Survey Plan	1:10,000	1975	11
Manchester	1:25,000	1975	12
Ordnance Survey Plan	1:10,000	1980	13
Ordnance Survey Plan	1:10,000	1989	14
Ordnance Survey Plan	1:10,000	1990 - 1992	15
10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2025	18

Russian Map - Slice A



Order Details

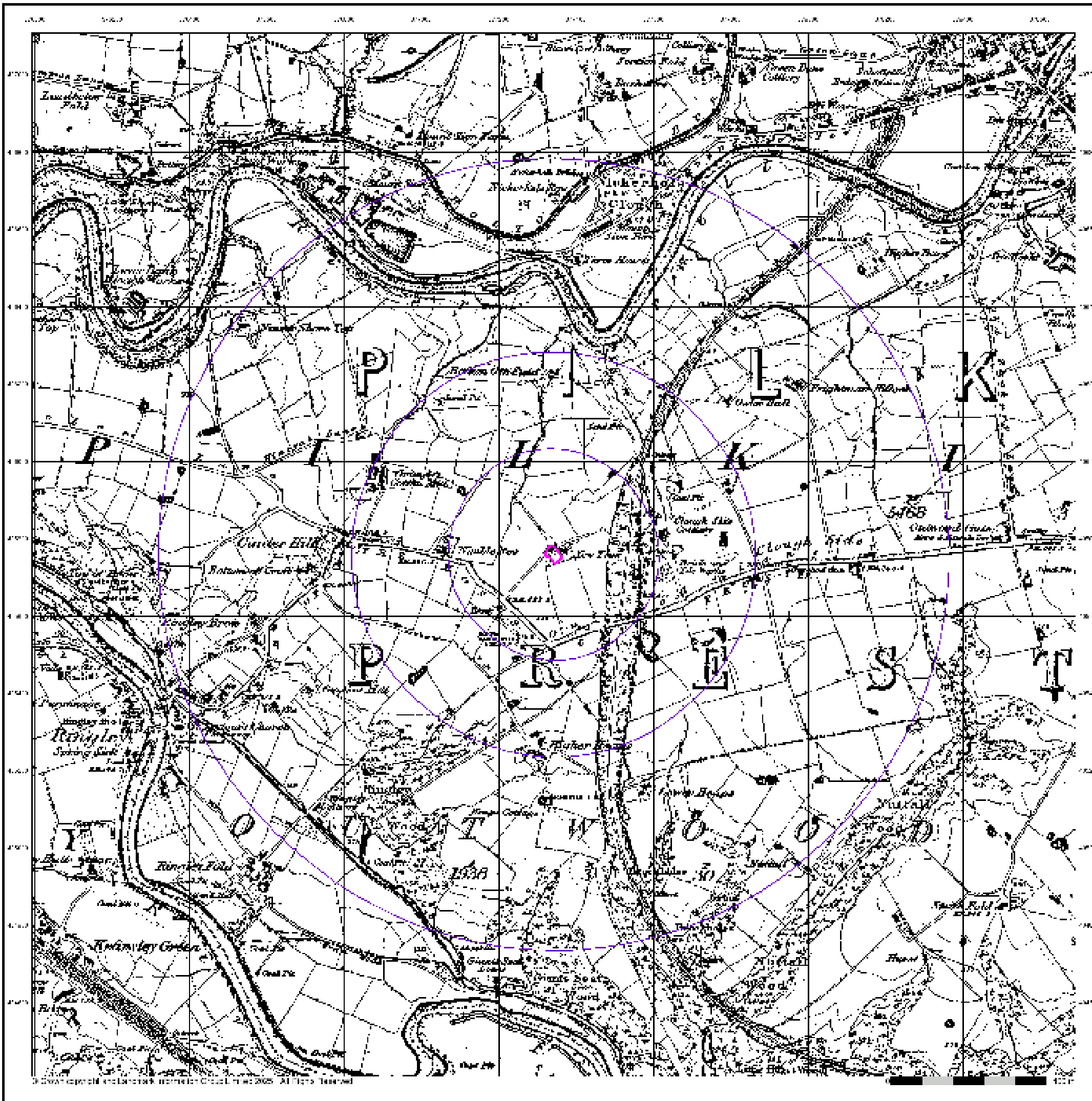
Order Number: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

Landmark
 INFORMATION GROUP

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



LK CONSULT

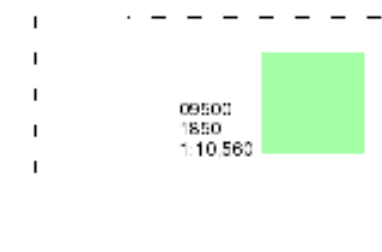
Lancashire And Furness

Published 1850

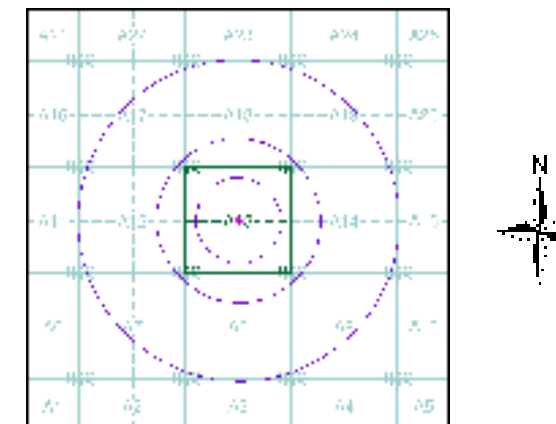
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 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

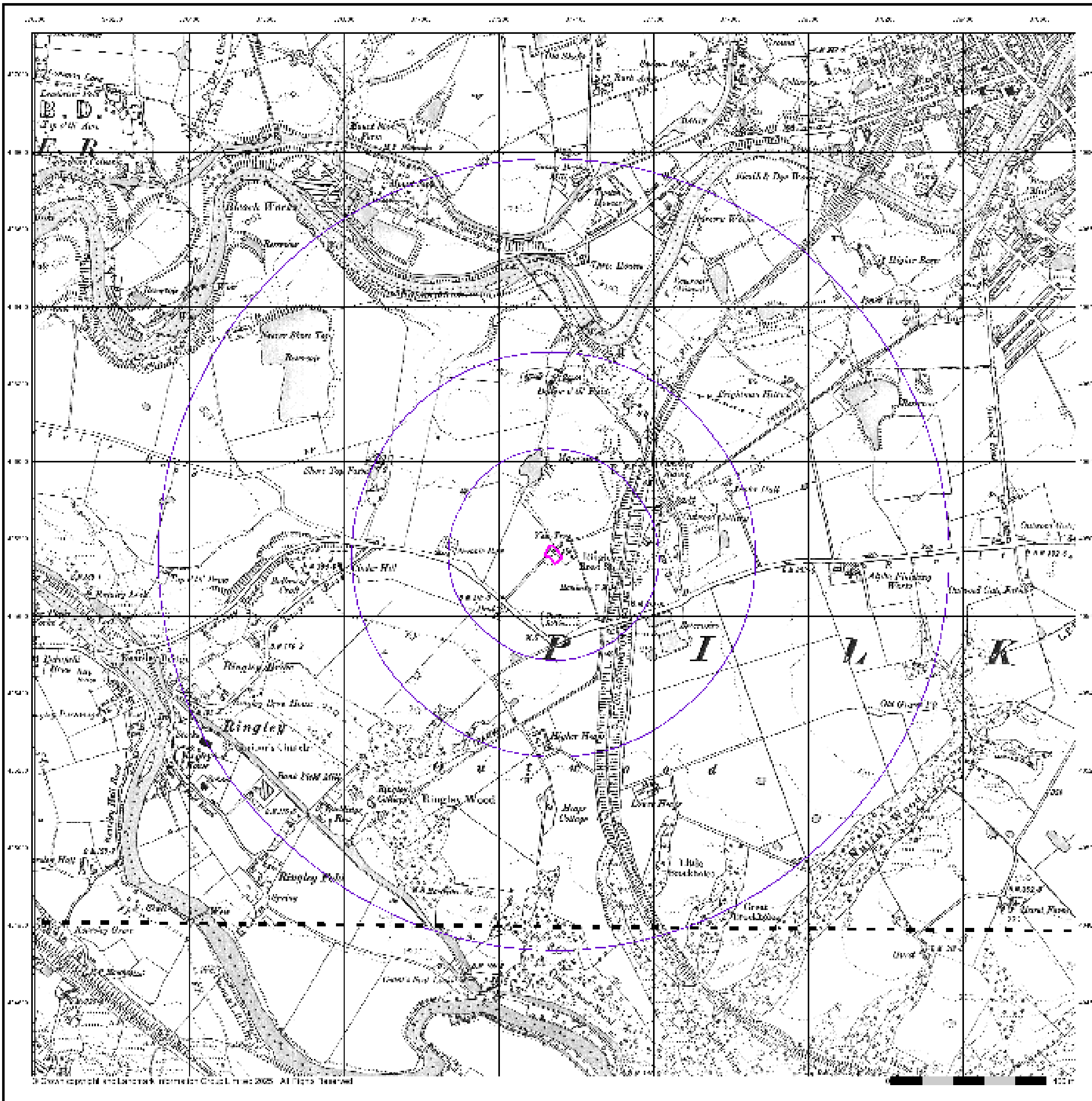
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Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

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LK CONSULT

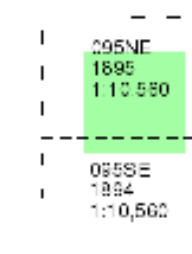
Lancashire And Furness

Published 1894 - 1895

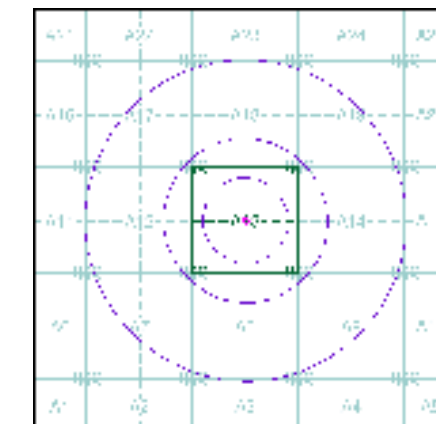
Source map scale - 1:10,560

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)



Historical Map - Slice A



Order Details

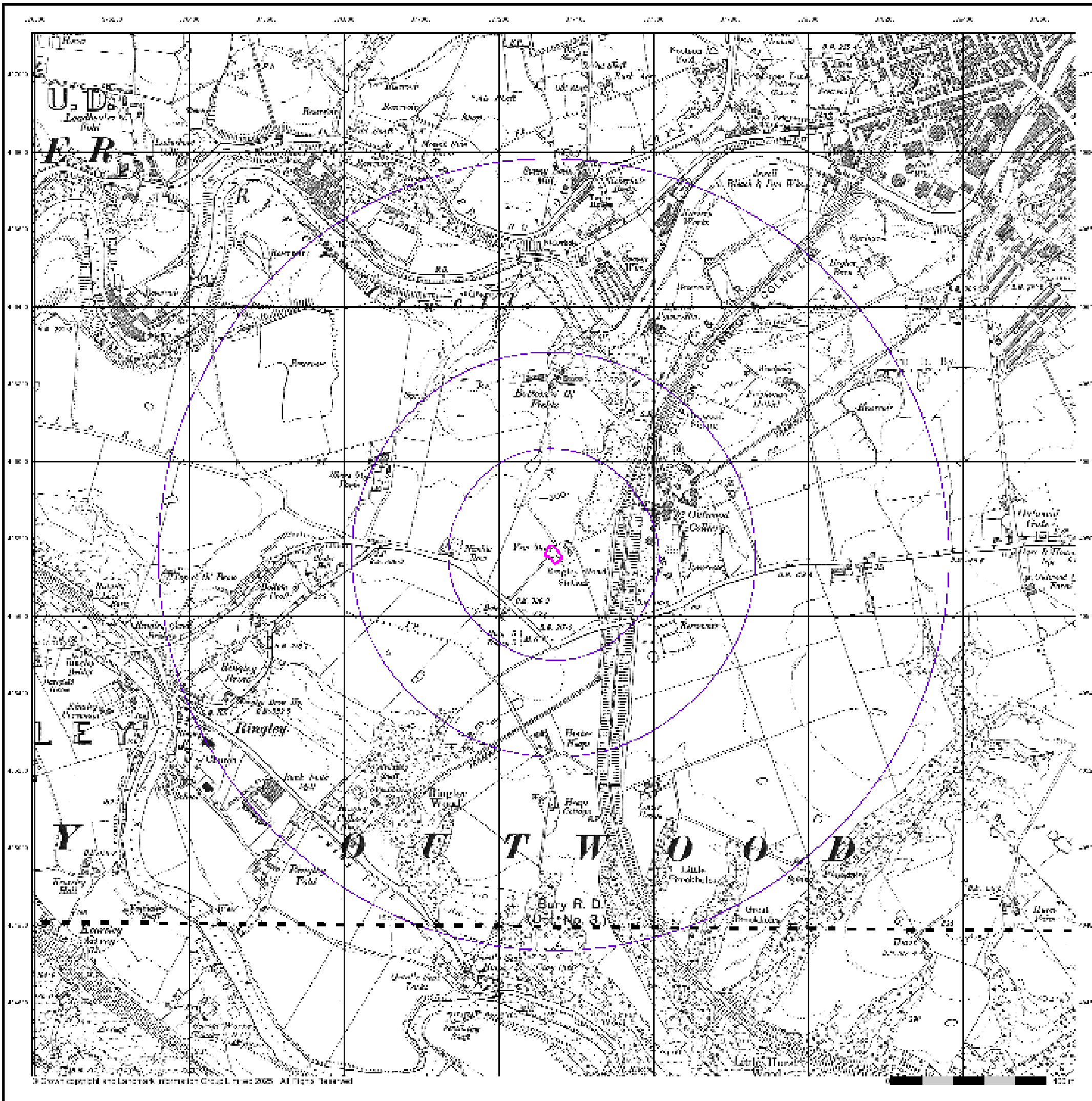
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Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

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M26 1EB

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INFORMATION GROUP

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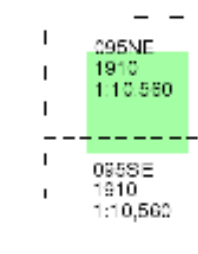
Lancashire And Furness

Published 1910

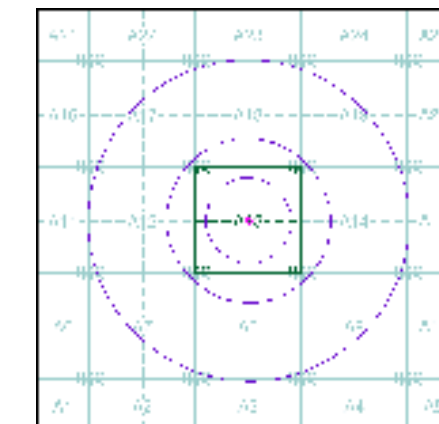
Source map scale - 1:10,560

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

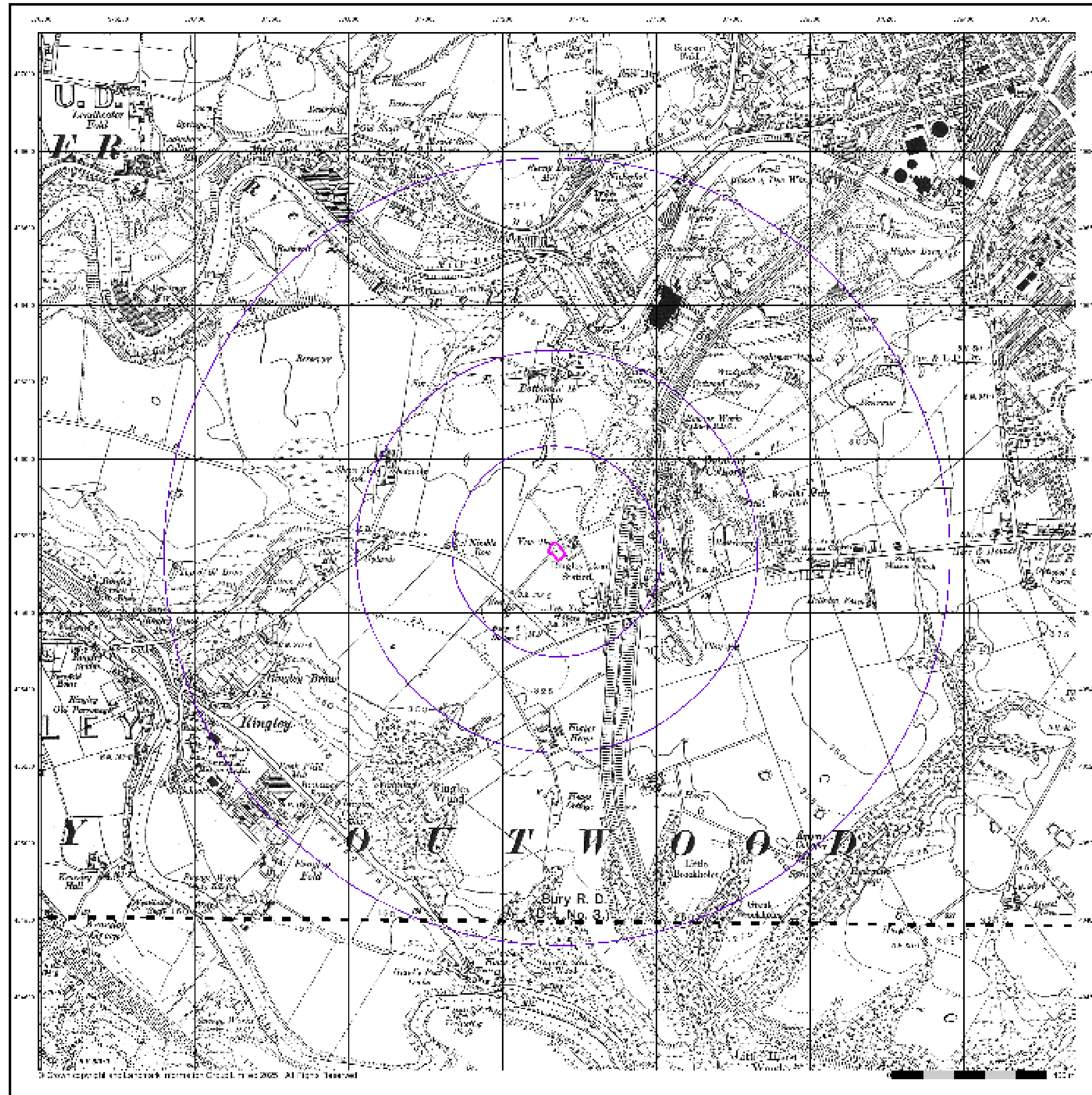
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
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Site Details

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LK CONSULT

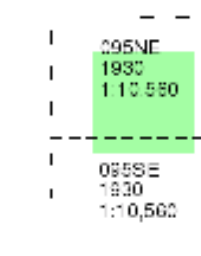
Lancashire And Furness

Published 1930

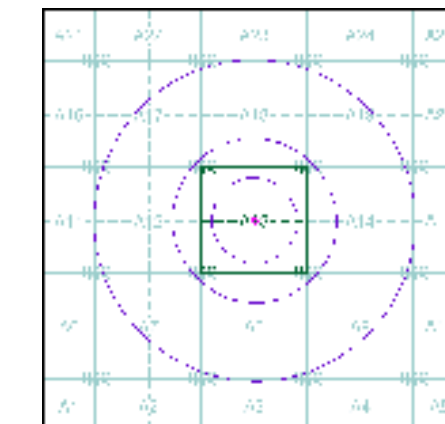
Source map scale - 1:10,560

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)



Historical Map - Slice A



Order Details

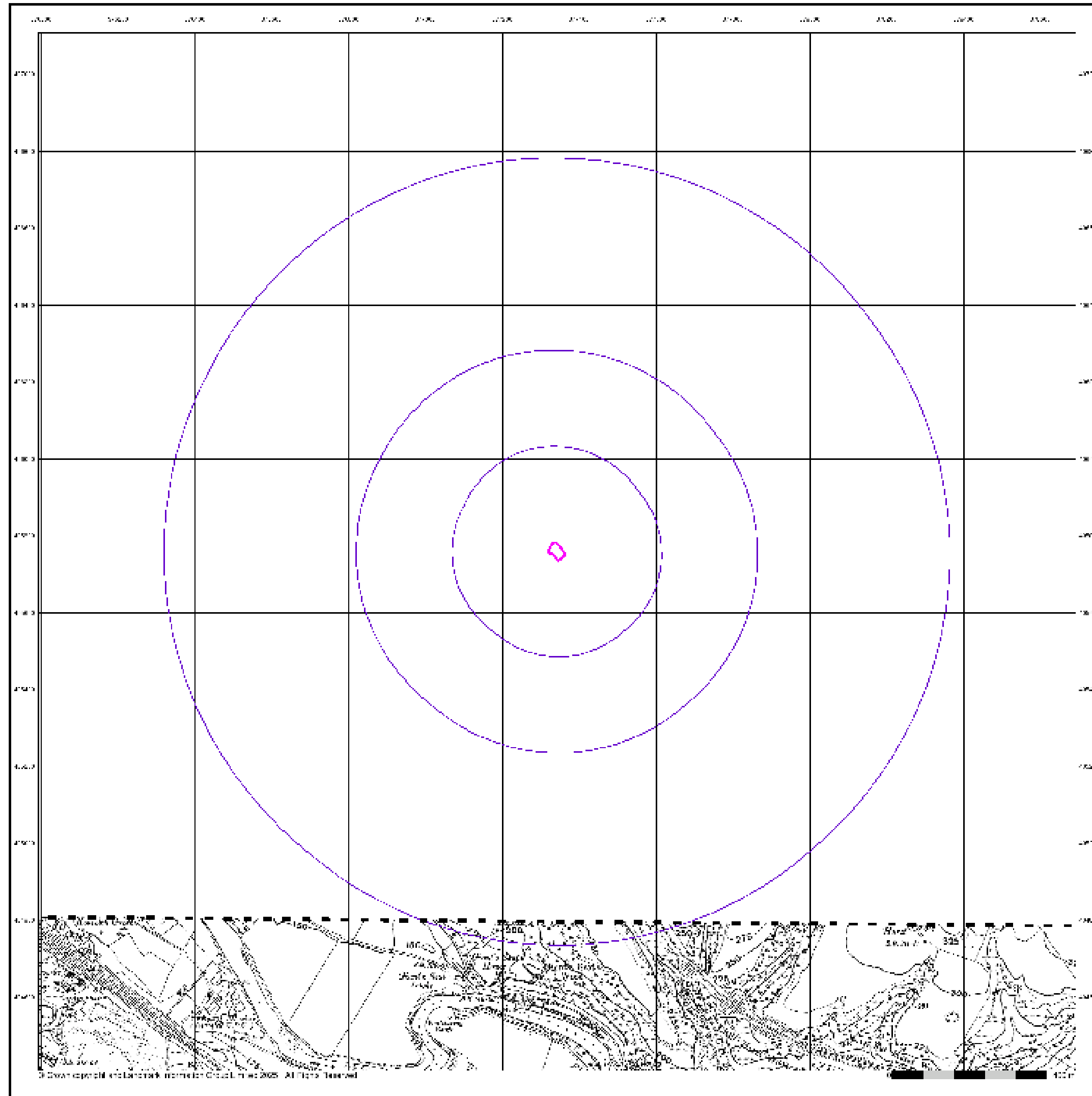
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
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Site Details

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INFORMATION GROUP

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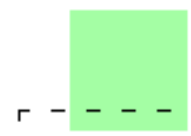
Lancashire And Furness

Published 1937

Source map scale - 1:10,560

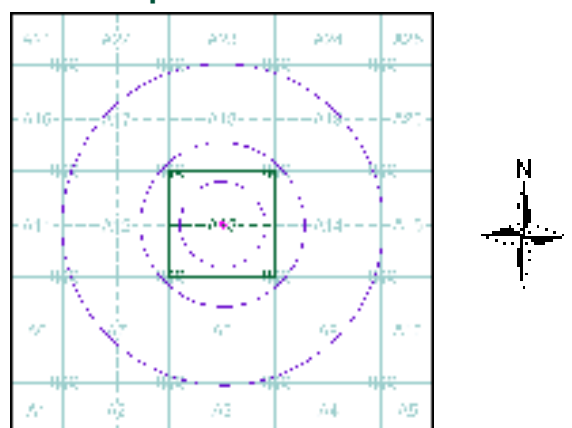
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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)



09560
1937
1:10,560

Historical Map - Slice A



Order Details

Order Number:	391427302_1_1
Customer Ref:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

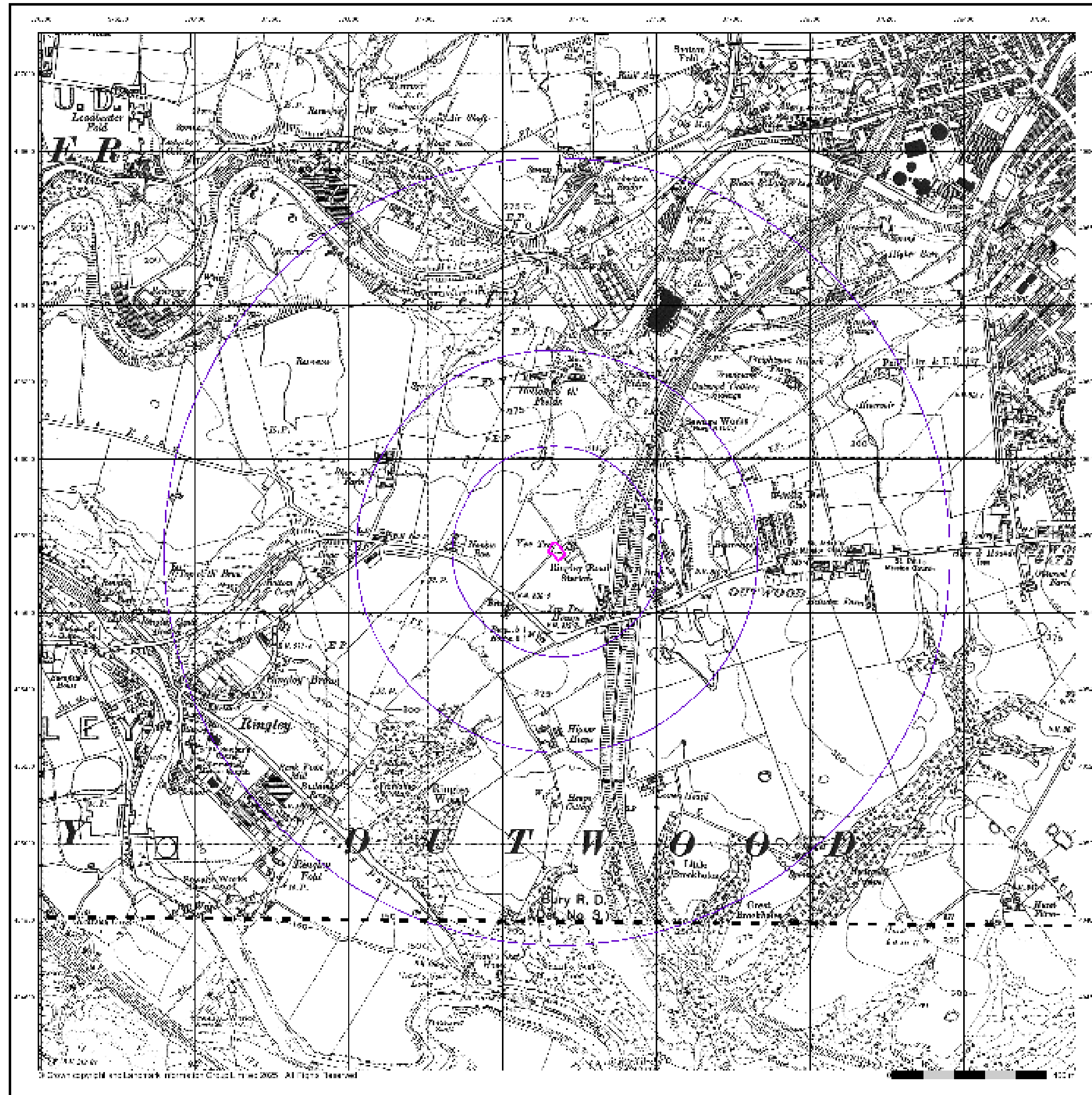
Site Details

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A Landmark Information Group Service v50.0 03-Dec-2025 Page 7 of 18





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Lancashire And Furness

Published 1938

Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 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)

095NE

1938

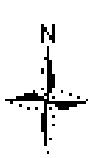
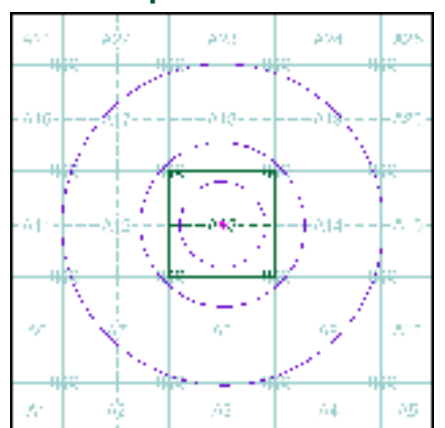
1:10,560

055SE

1836

1:10,560

Historical Map - Slice A



Order Details

Order Number:	391427302_1_1
Customer Ref:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

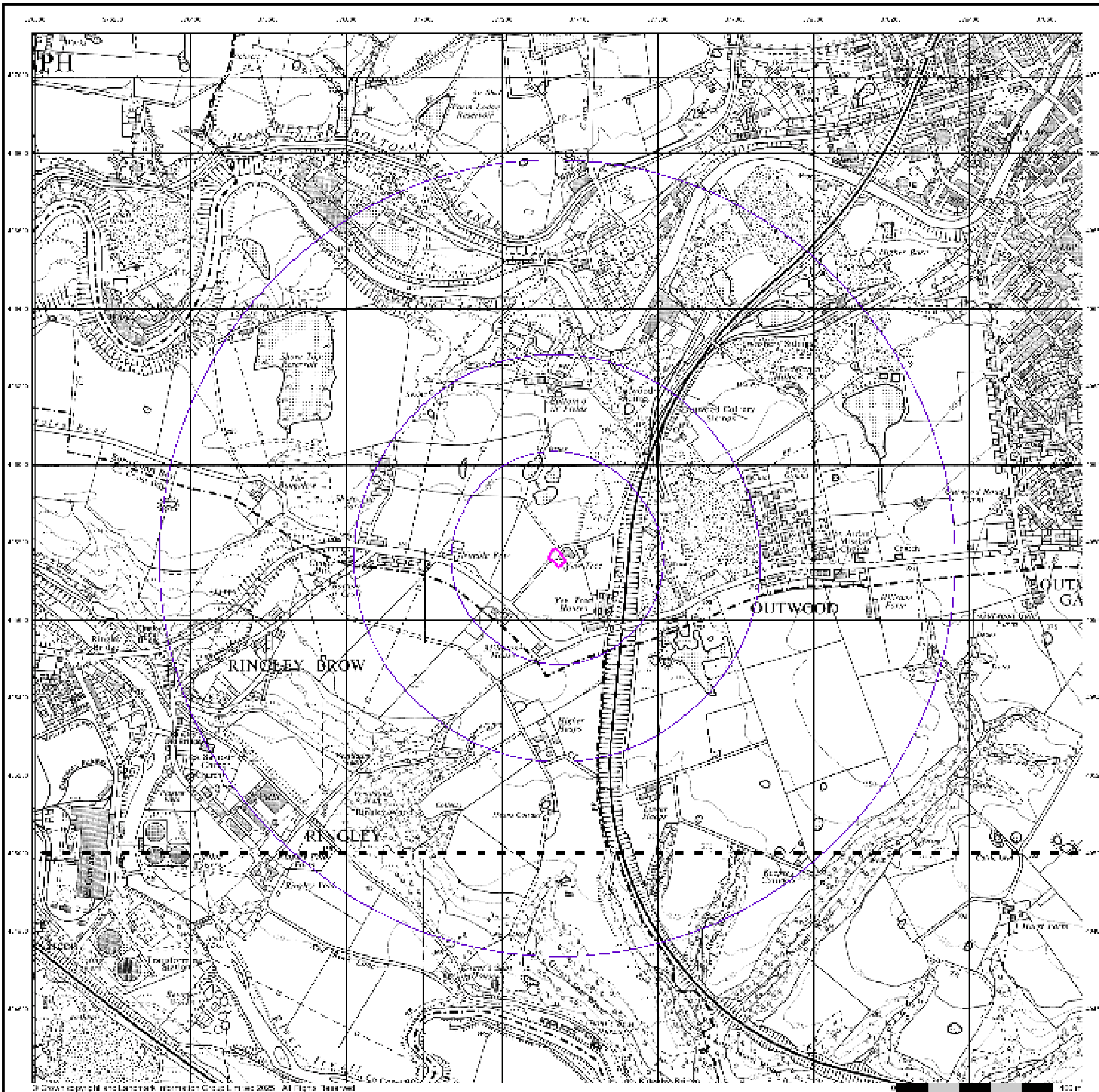
Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



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A Landmark Information Group Service v50.0 03-Dec-2025 Page 8 of 18



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Ordnance Survey Plan

Published 1965 - 1967

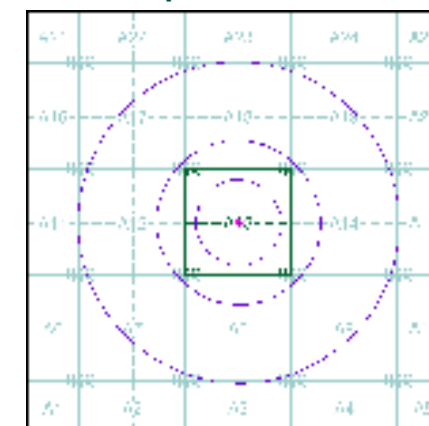
Source map scale - 1:10,000

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)

SD70NE |
1955 |
1:10,560 |
SD70SE |
1957 |
1:10,560 |

Historical Map - Slice A



Order Details

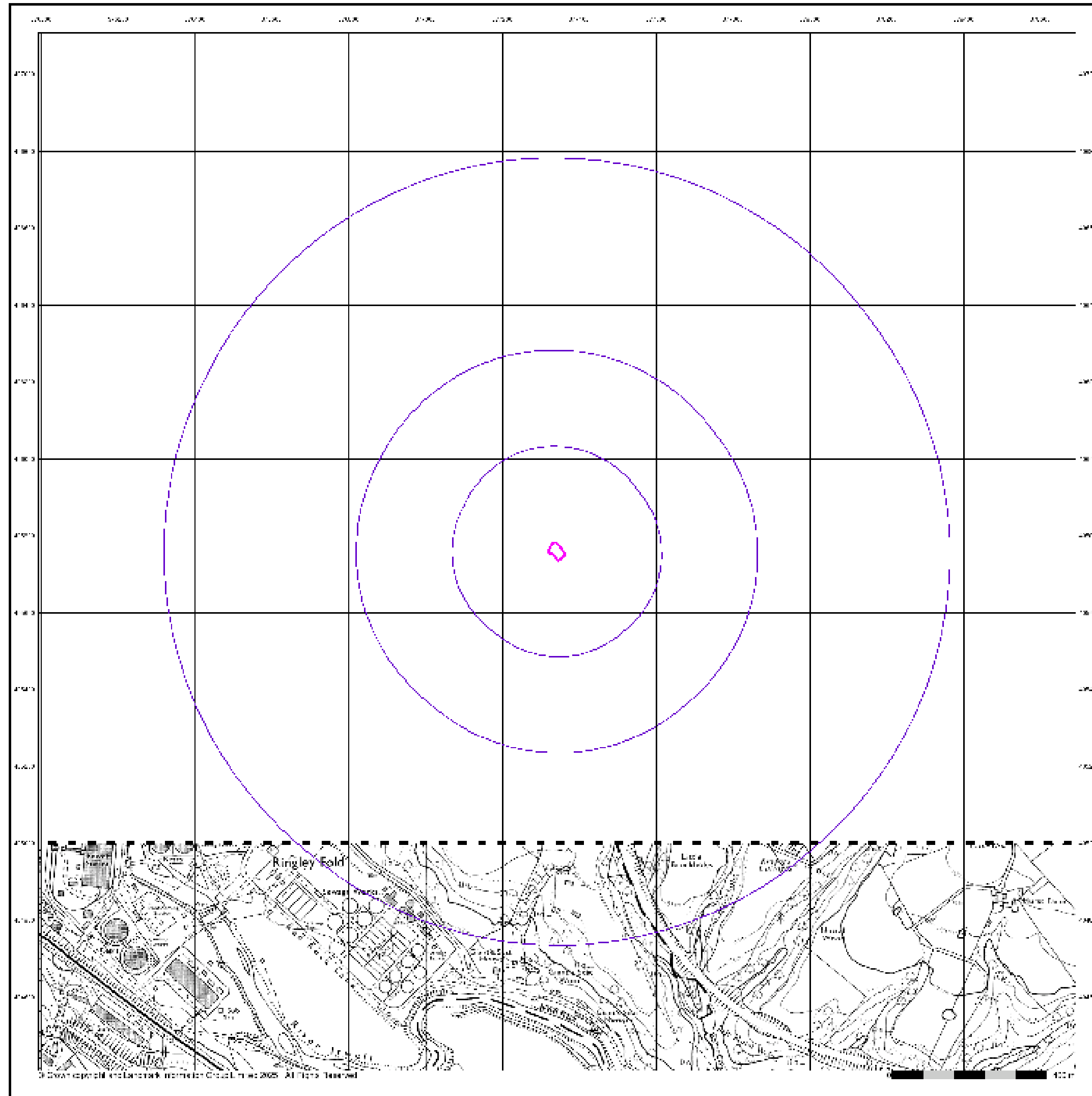
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester,
M26 1EB

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INFORMATION GROUP

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





LK CONSULT

Ordnance Survey Plan

Published 1975

Source map scale - 1:10,000

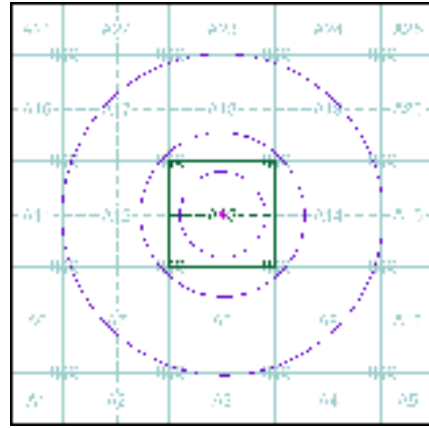
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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)



SD70SE
1975
1:10,000

Historical Map - Slice A



Order Details

Order Number:	391427302_1_1
Customer Ref:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

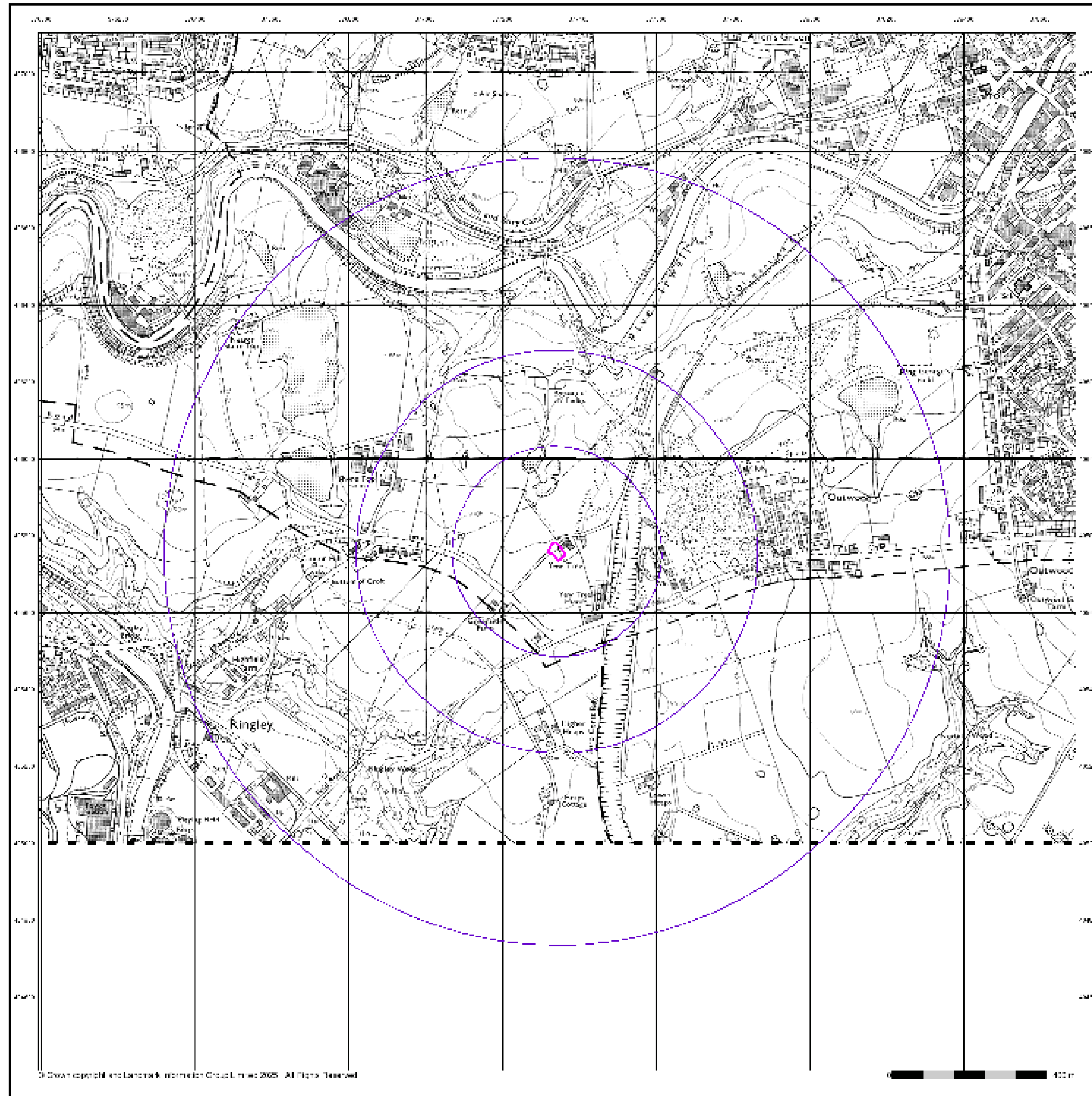


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A Landmark Information Group Service v50.0 03-Dec-2025 Page 11 of 18







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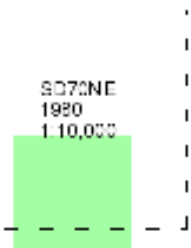
Ordnance Survey Plan

Published 1980

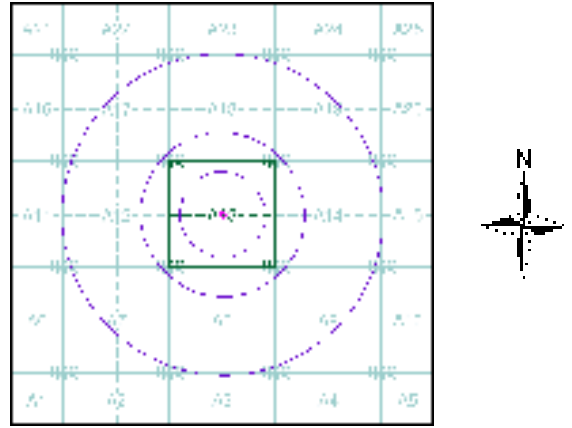
Source map scale - 1:10,000

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:	391427302_1_1
Customer Ref:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

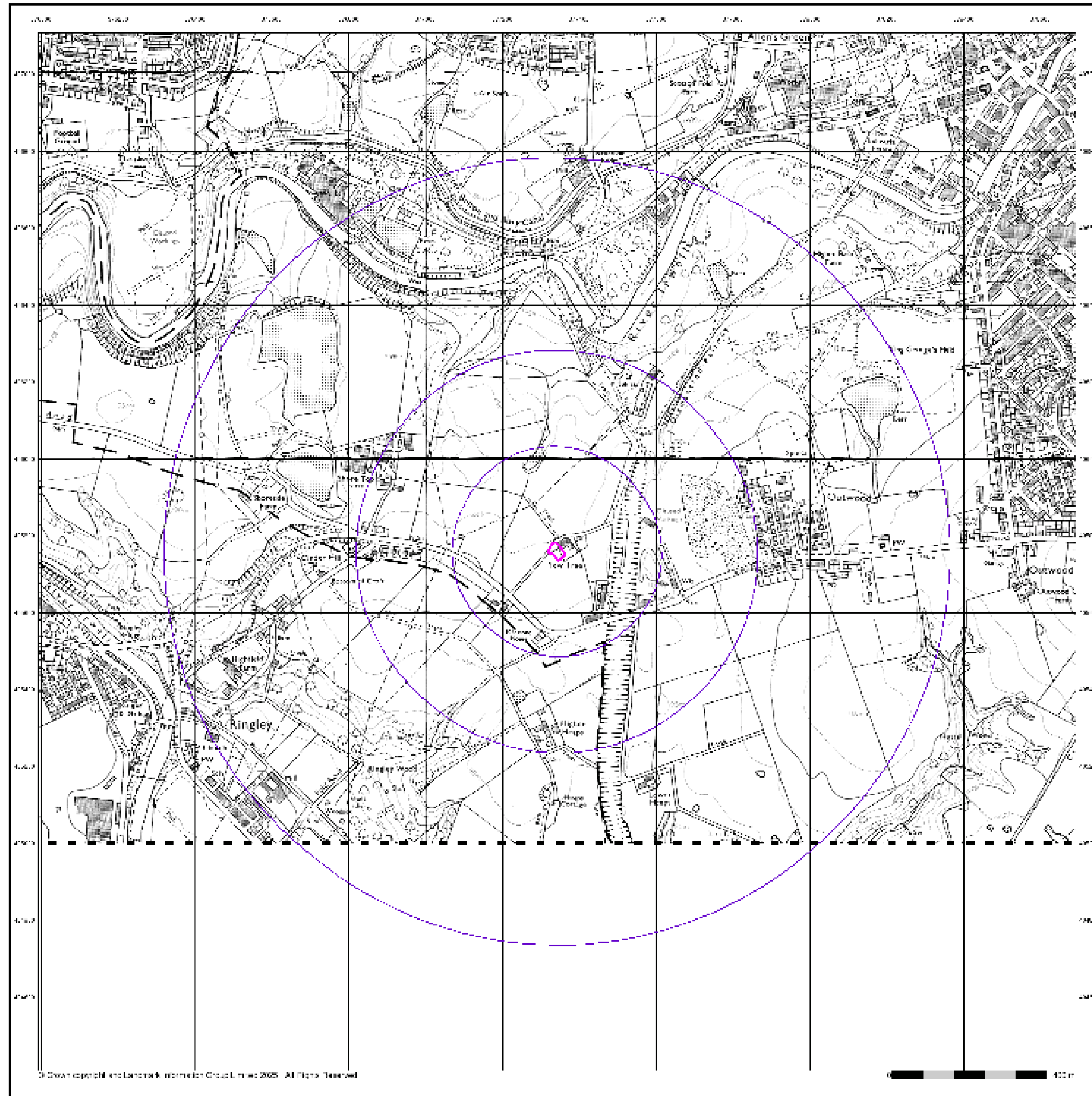
Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



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A Landmark Information Group Service v50.0 03-Dec-2025 Page 13 of 18





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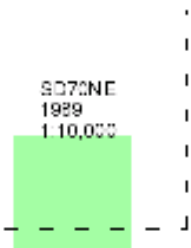
Ordnance Survey Plan

Published 1989

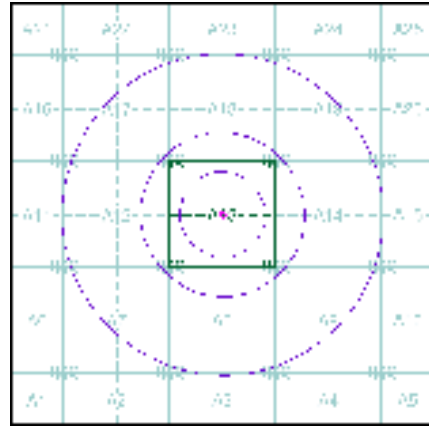
Source map scale - 1:10,000

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:	391427302_1_1
Customer Ref:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

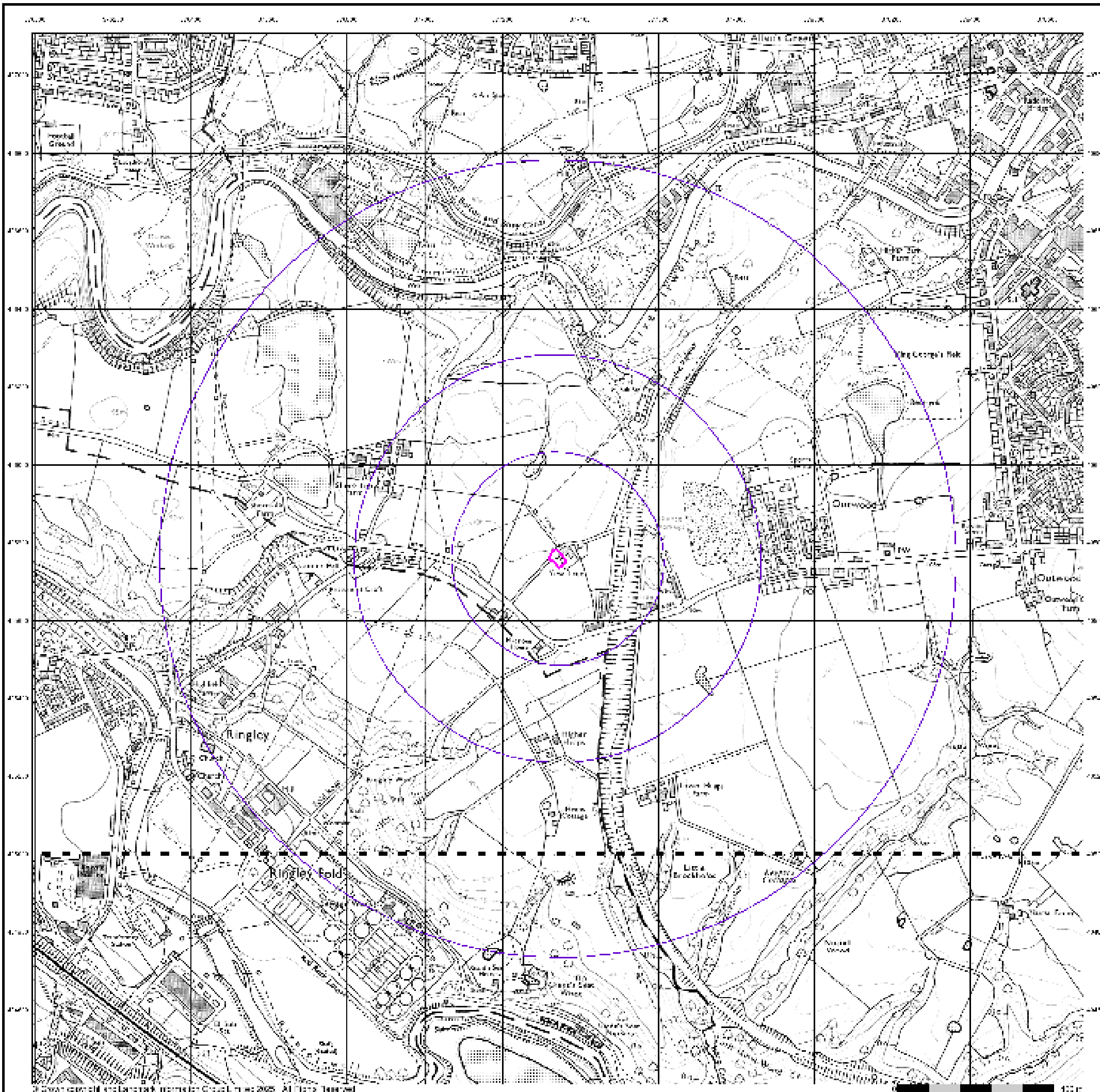
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A Landmark Information Group Service v50.0 03-Dec-2025 Page 14 of 18



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Ordnance Survey Plan

Published 1990 - 1992

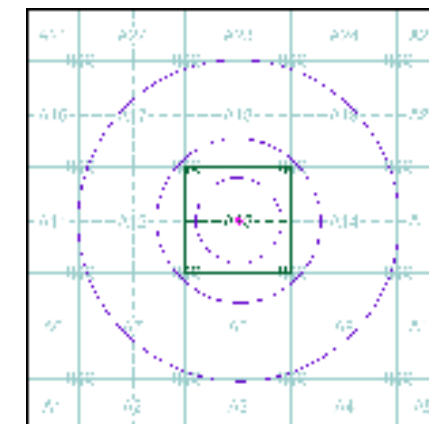
Source map scale - 1:10,000

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)

SD70NE |
1992
1:10,000
SD70SE |
1990
1:10,000

Historical Map - Slice A



Order Details

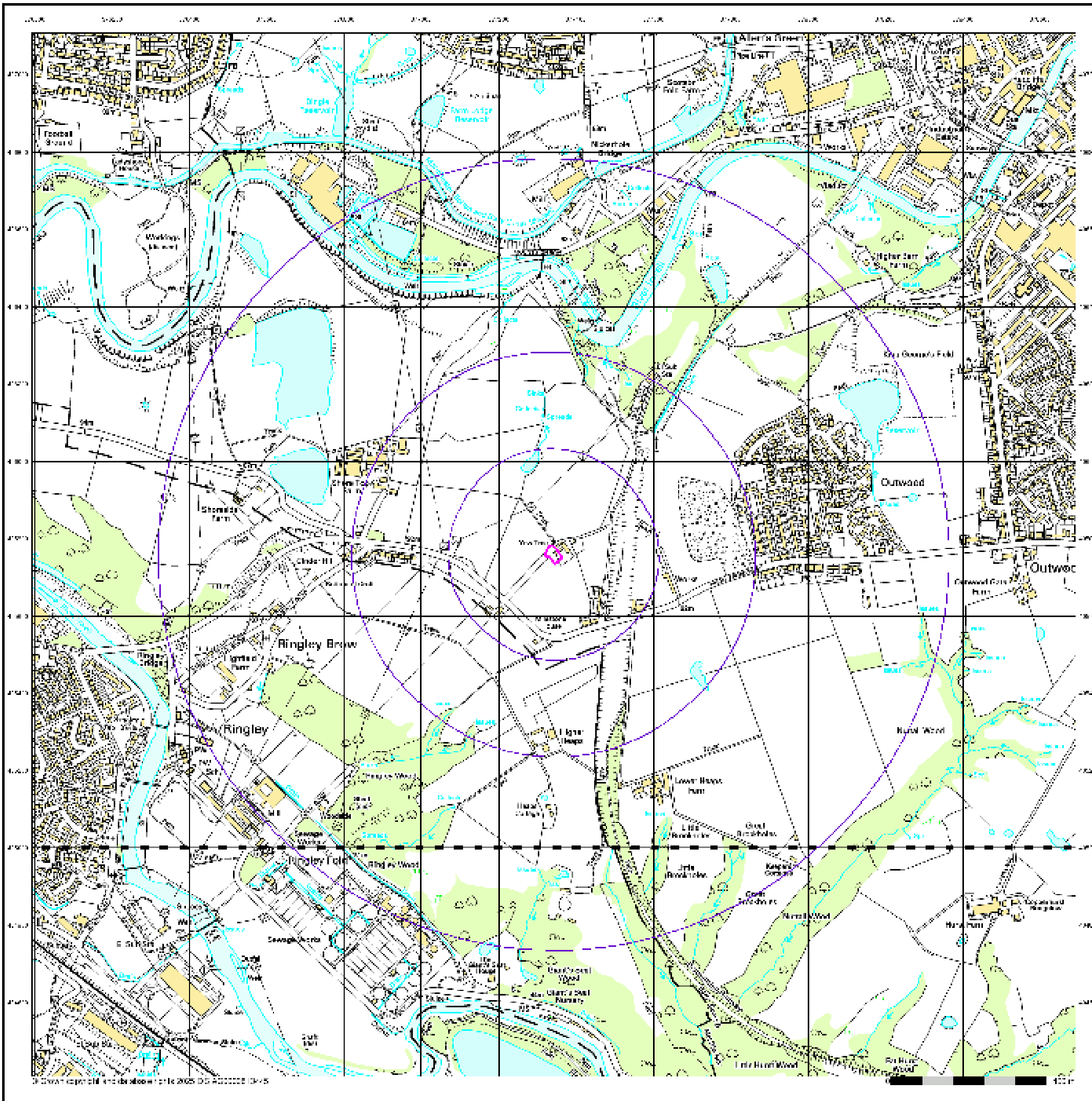
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

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INFORMATION GROUP

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Web: www.envirocheck.co.uk



LK CONSULT

10k Raster Mapping

Published 1999

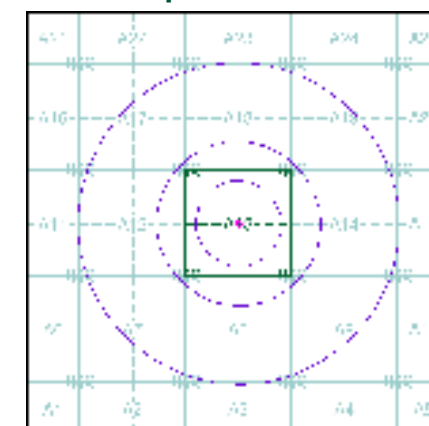
Source map scale - 1:10,000

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)

SD70NE |
1999 |
1:10 000 |
SD70SE |
1999 |
1:10 000 |

Historical Map - Slice A



Order Details

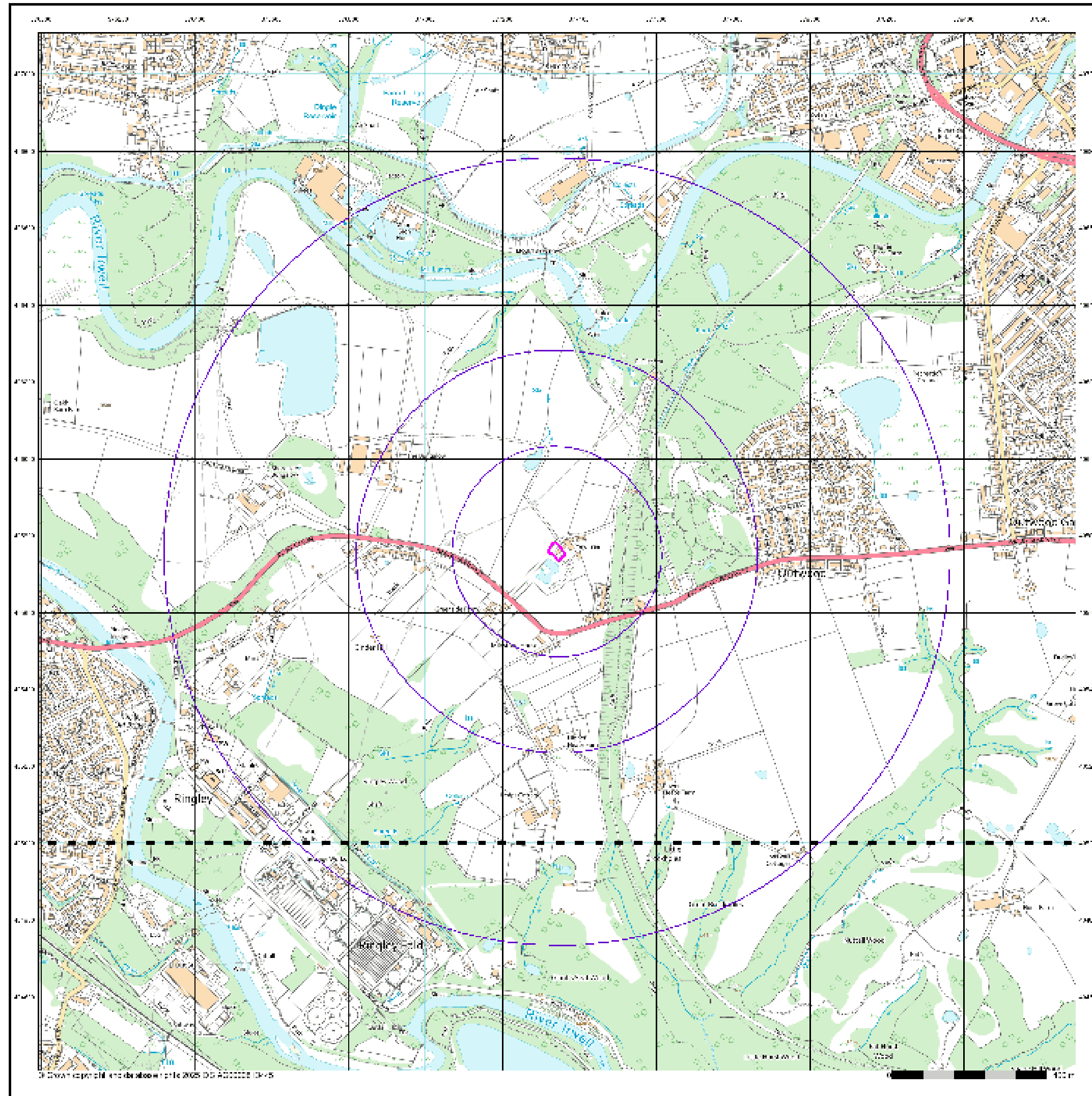
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

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INFORMATION GROUP

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LK CONSULT

VectorMap Local

Published 2025

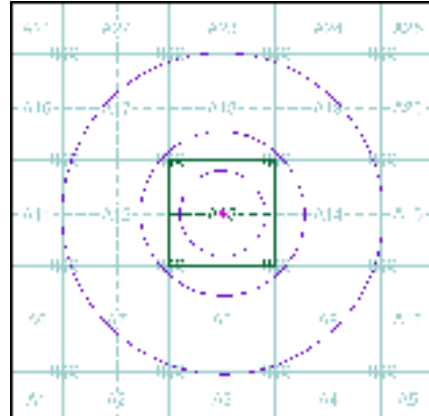
Source map scale - 1:10,000

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)

SD70NE	2025	Variable
SD70SE	2025	Variable

Historical Map - Slice A



Order Details

Order Number:	391427302_1_1
Customer Ref:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



Landmark
INFORMATION GROUP

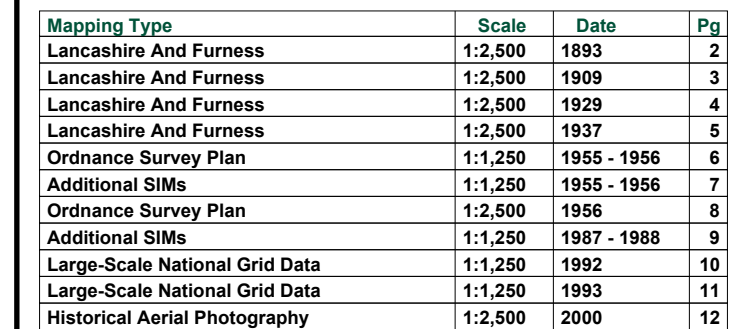
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A Landmark Information Group Service v50.0 03-Dec-2025 Page 18 of 18

Ordinance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information

	Grassy		Gravelly		Gully Pt.
	Clay Pt.		Shrubs		Sandy Leap
Sliding Masses			Flat Rock		
Marsh		Heeds		Oders	
Rough Pasture		Luzes		Wood	
Mixed W.-w.		Freshwood		Orchard	
Aegle Fr.		Fruit		Slipping Stones	
erry		Waterfall		ock	
	Ing Station		Altitude at Ing. Station		
	Bench Mark		Surface level		
	Arrow showing flow of water		Antiquities (Religion)		
Culling			Fundamental		
Railway crossing Road		Level Crossing		Road crossing Railway	
Railway crossing over Canal		Road over single stream		Road over River or Canal	
----- County Boundary (Geographical)					
----- County & Civil Parish Boundary					
++++++ Administrative County & Civil Parish Boundary					
----- Council Borough Boundary (England)					
----- Council Urban Boundary (Scotland)					
A.P.	Boundary Point Station	R.R.	Police Call Box		
R.A.	Rail Road	F.	Farm		
E.P.	Electricity Pole	S.P.	Signal Post		
P.B.	Post Bridge	M.	Mill		
P.F.	Post Farm	S.S.	Spring		
C.P.	Cable Post Office	T.C.U.	Telephone Call Box		
N.H.	Nick Stone	T.	Trench		
M.E.M.	Mining Field Map	W.	Well		

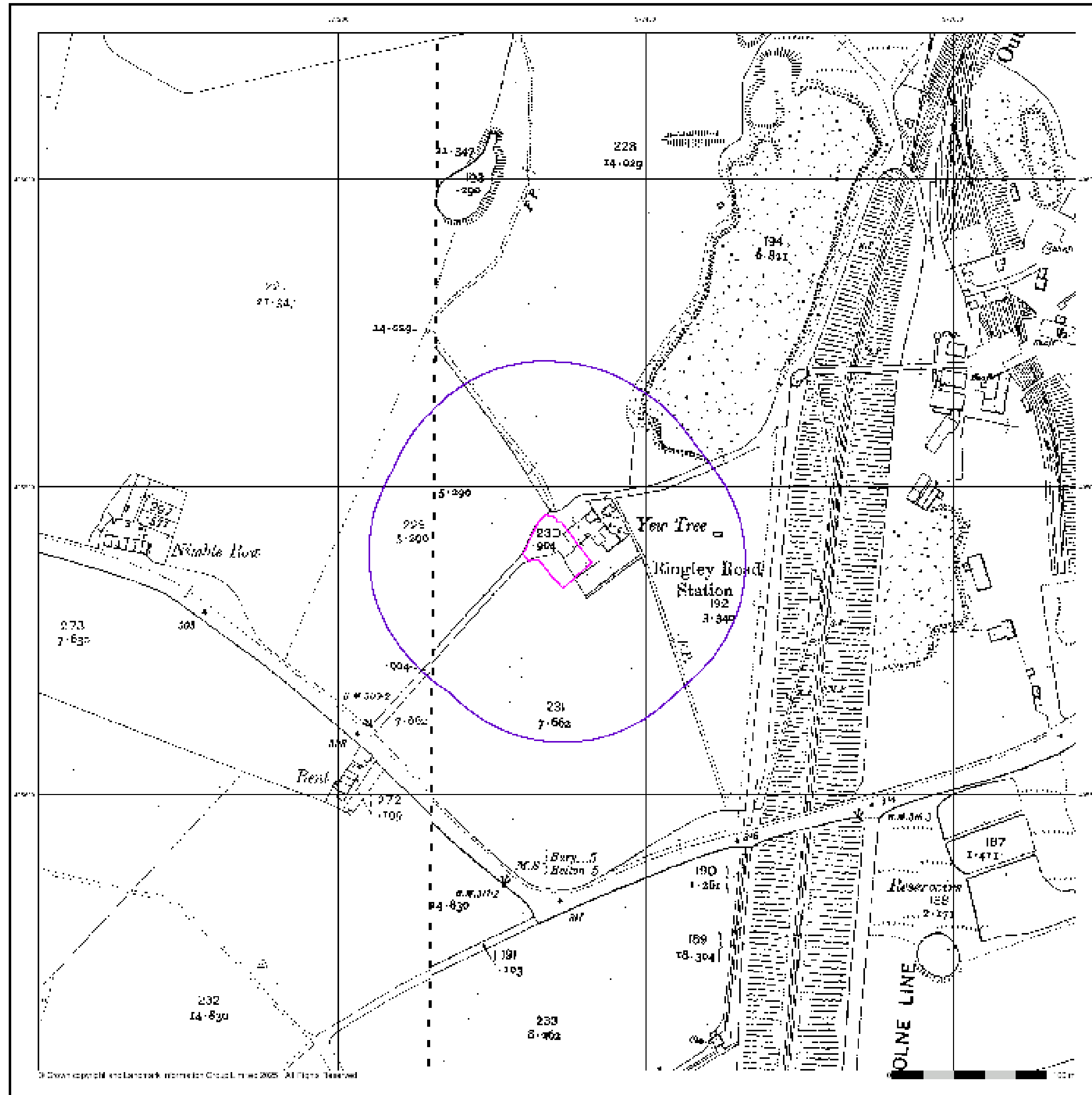
	Invasive Canebrake Plant Cory IV		Active Quarry Check Plot Cory H
	Rocks		Flooded
	Grass		Slopes
	Grass		Top
	Grass		Top
	Roofed Building		Grazed Soil Building
	Sloping Hillside		Archway
	Non-Coniferous Trees (not surveyed)		Coniferous Trees (not surveyed)
	Canebrake Tree		Sandy
	Canebrake Tree		Rocky
	Canebrake Tree		Marsh, Swamps
	Rough Ground		Hedge
	Medium Water Flow		Rough Mark
	Cave Entrance		Triangular Station
	Declivity Transmission Line		Electric Pylon
	County Boundary (Geographic)		County & Civil Parish Boundary
	Civil Parish Boundary		Active County to County Road Boundary
	London Borough Boundary		Symmetrical junction where boundary meets junction
	Cave Entrance		Public Footpath
	Canebrake Tree		Public Caravan
	Canebrake Tree		Public House
	Canebrake Tree		Public
	Canebrake Tree		Signal Box or Bridge
	Canebrake Tree		Signal Tower Light
	Canebrake Tree		Spring
	Canebrake Tree		Tank or Pond
	Canebrake Tree		Telephone Cell Site
	Canebrake Tree		Telephone Cell Pole
	Canebrake Tree		Water Pond/Gutter Top
	Canebrake Tree		Well
	Canebrake Tree		Windmill

[illegible]

Order Details:

Order Number:	391427302_1_1
Customer Ref:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	100

Site Details
Yew Tree Farm, Ringley Road West, Radcliffe, Manchester,
M26 1EB



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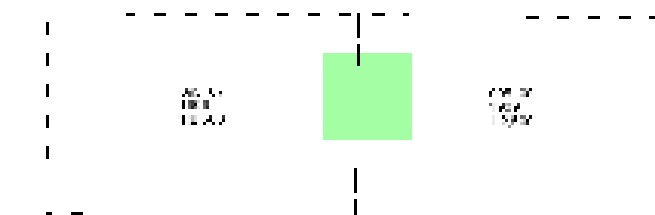
Lancashire And Furness

Published 1909

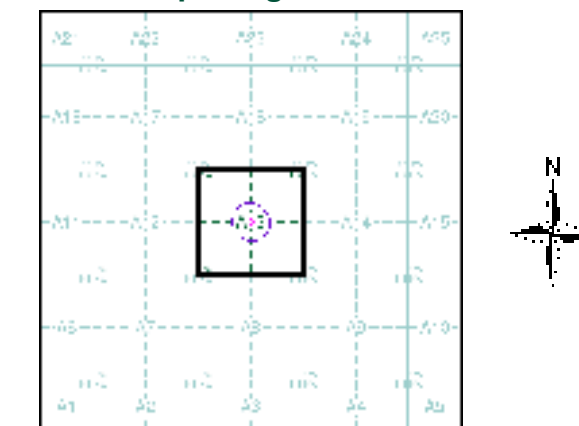
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

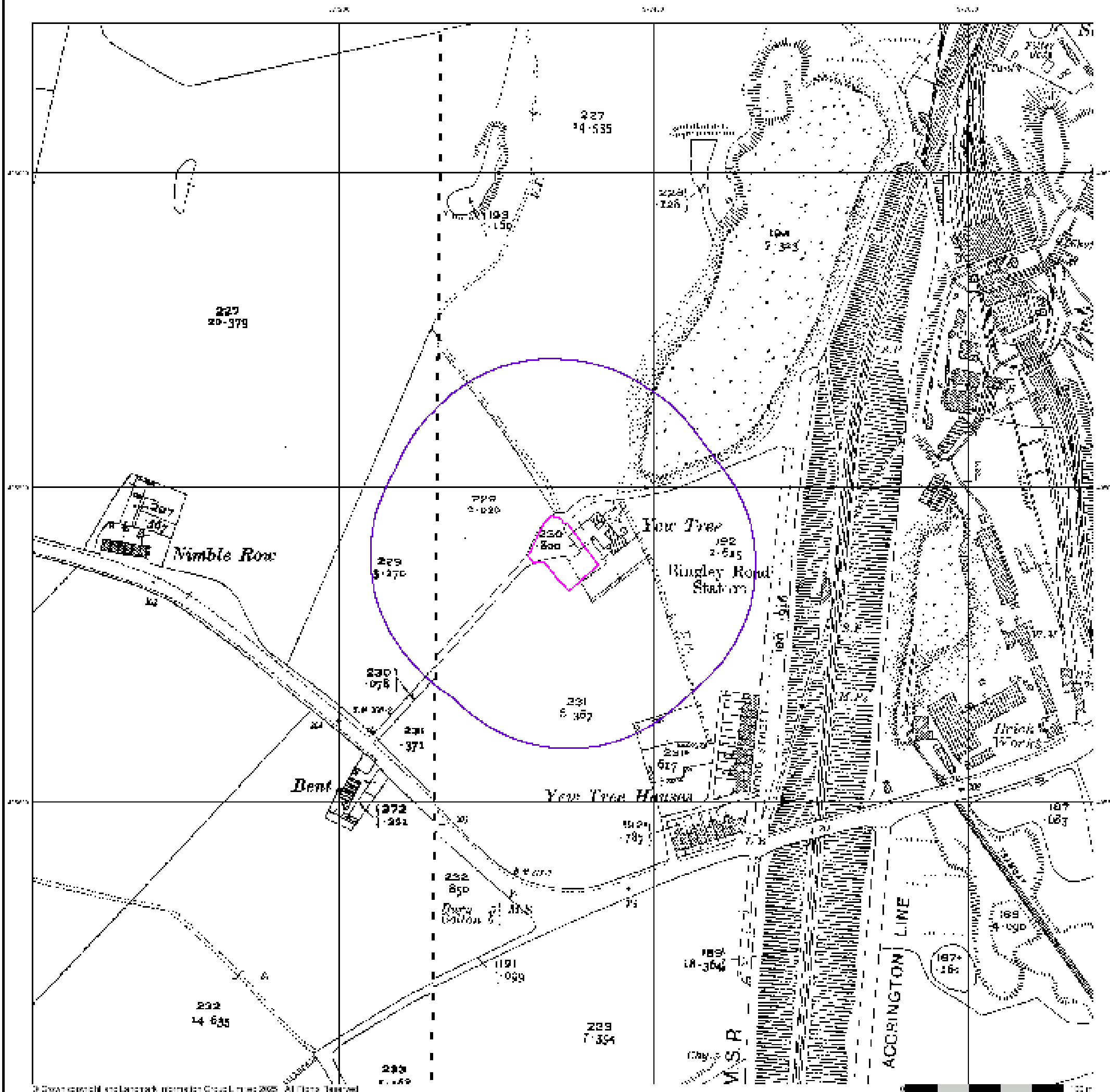
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Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

Landmark
INFORMATION GROUP

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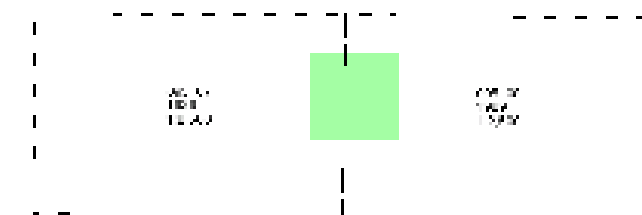
Lancashire And Furness

Published 1929

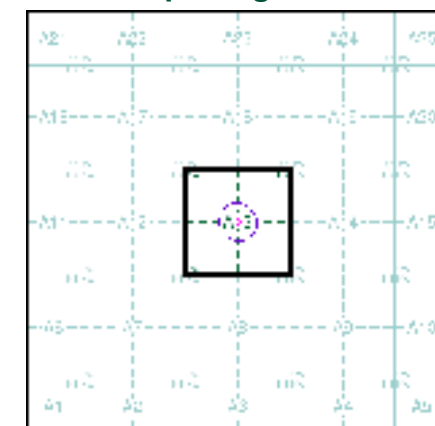
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

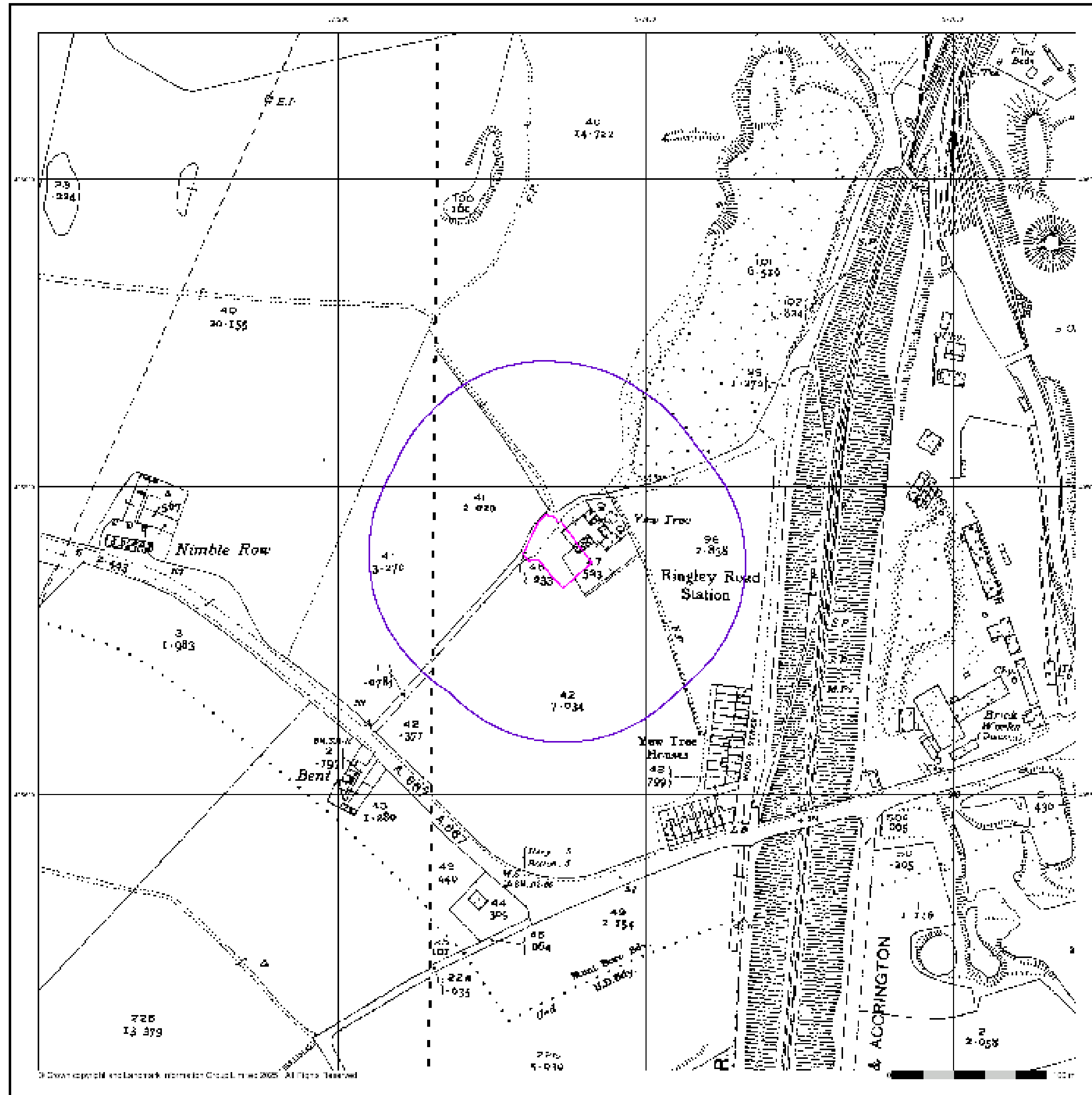
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
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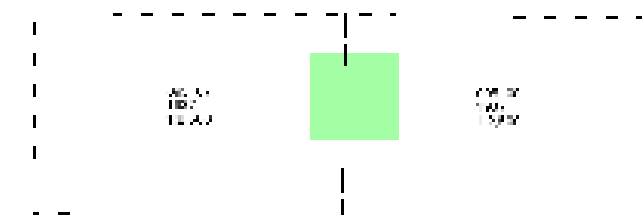
Lancashire And Furness

Published 1937

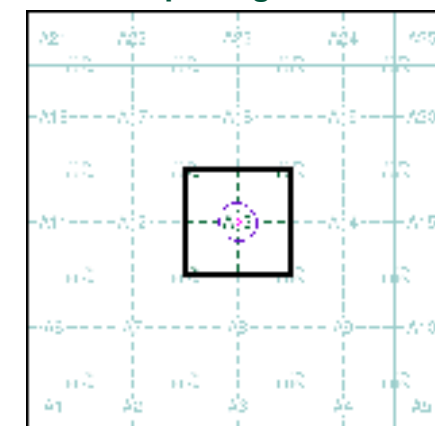
Source map scale - 1:2,500

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

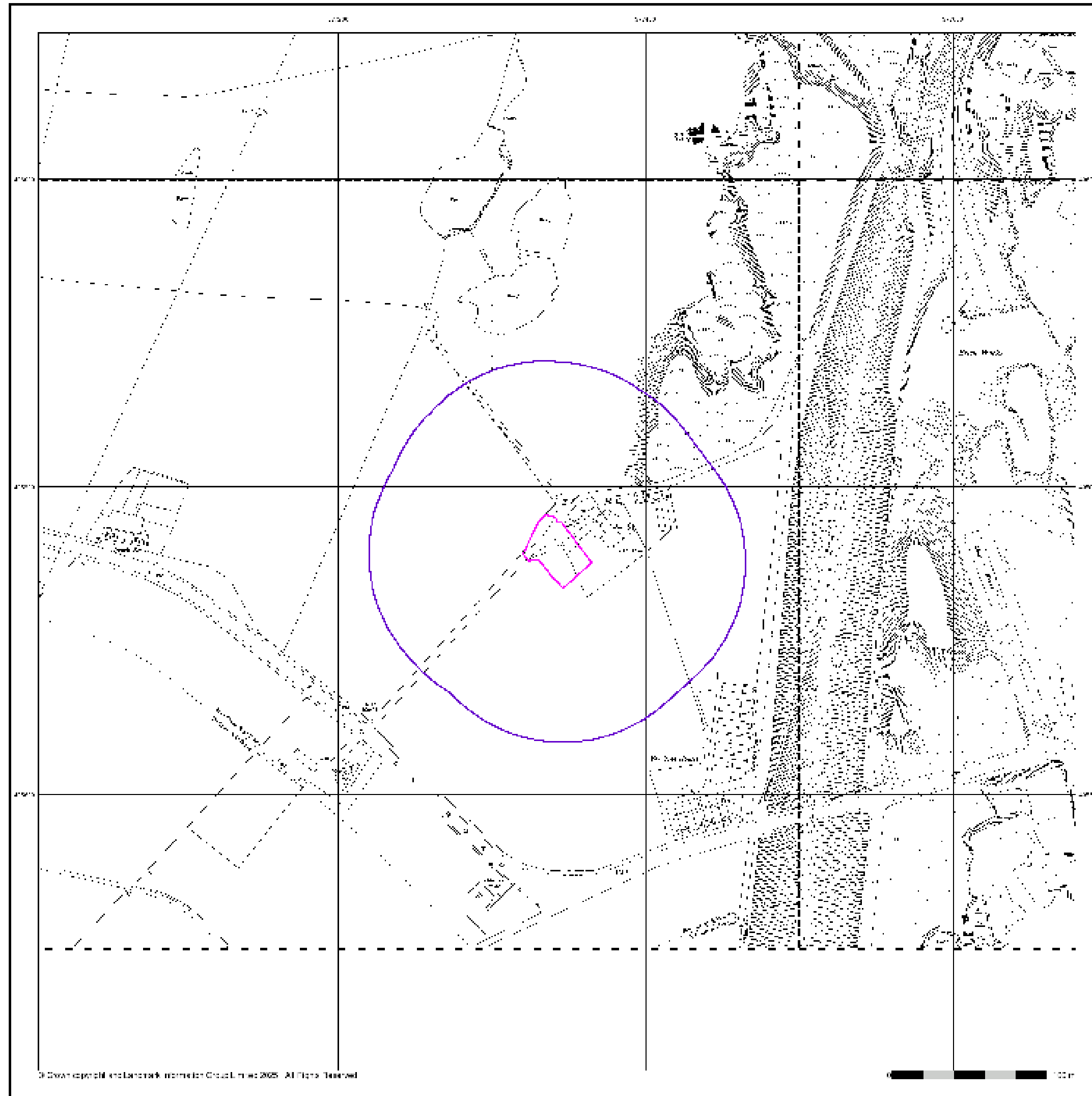
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

Landmark
INFORMATION GROUP

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Ordinance Survey Plan

Published 1955 - 1956

Source map scale - 1:1,250

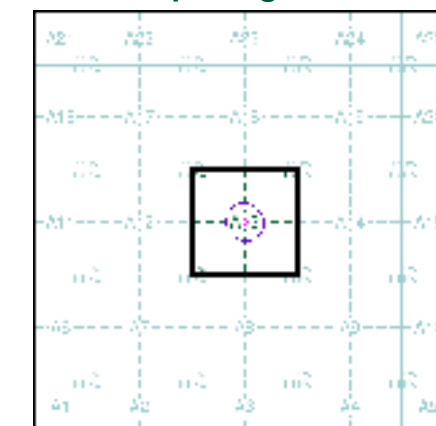
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

SD7708SW	SD7708SE
1955	1955
1:1,250	1:1,250

SD7705NW	SD7705NE
1955	1955
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

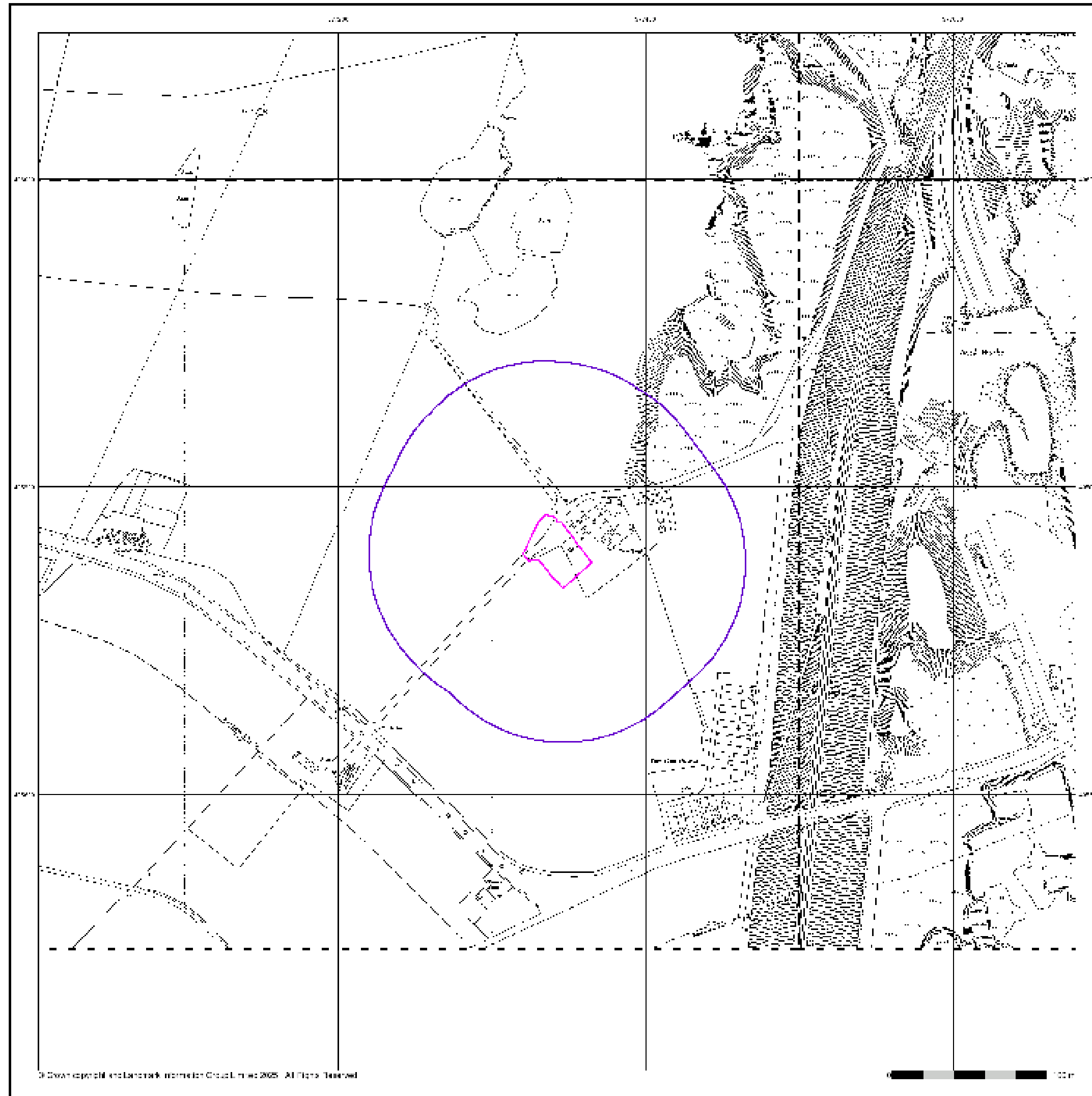
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



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Additional SIMs

Published 1955 - 1956

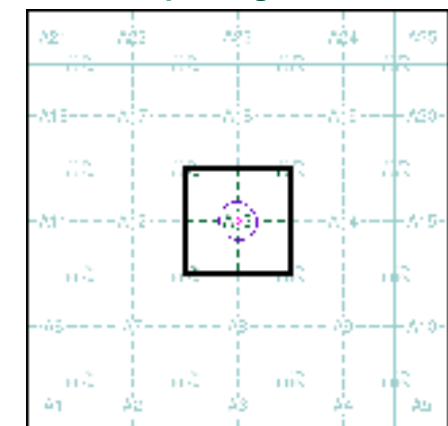
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD7708SW 1956 1:1,250	SD7708SE 1956 1:1,250
SD7706NW 1956 1:1,250	SD7706NE 1956 1:1,250

Historical Map - Segment A13



Order Details

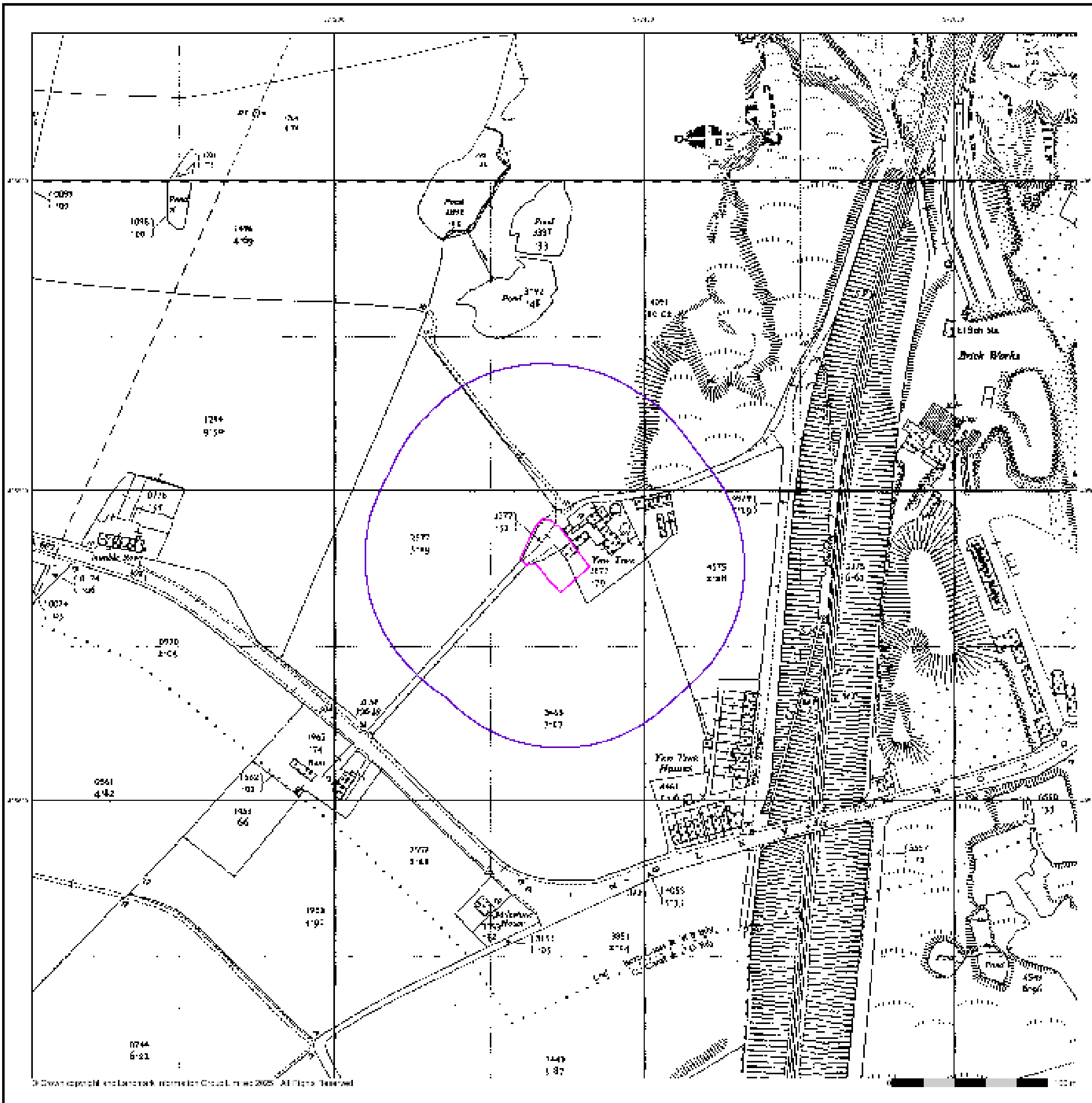
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1956

Source map scale - 1:2,500

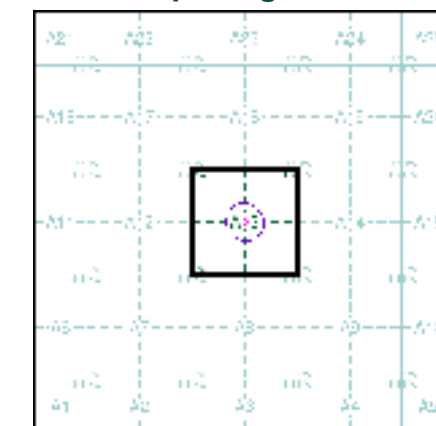
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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)

SD7730
1956
1:2,500

SD7730
1956
1:2,500

Historical Map - Segment A13



Order Details

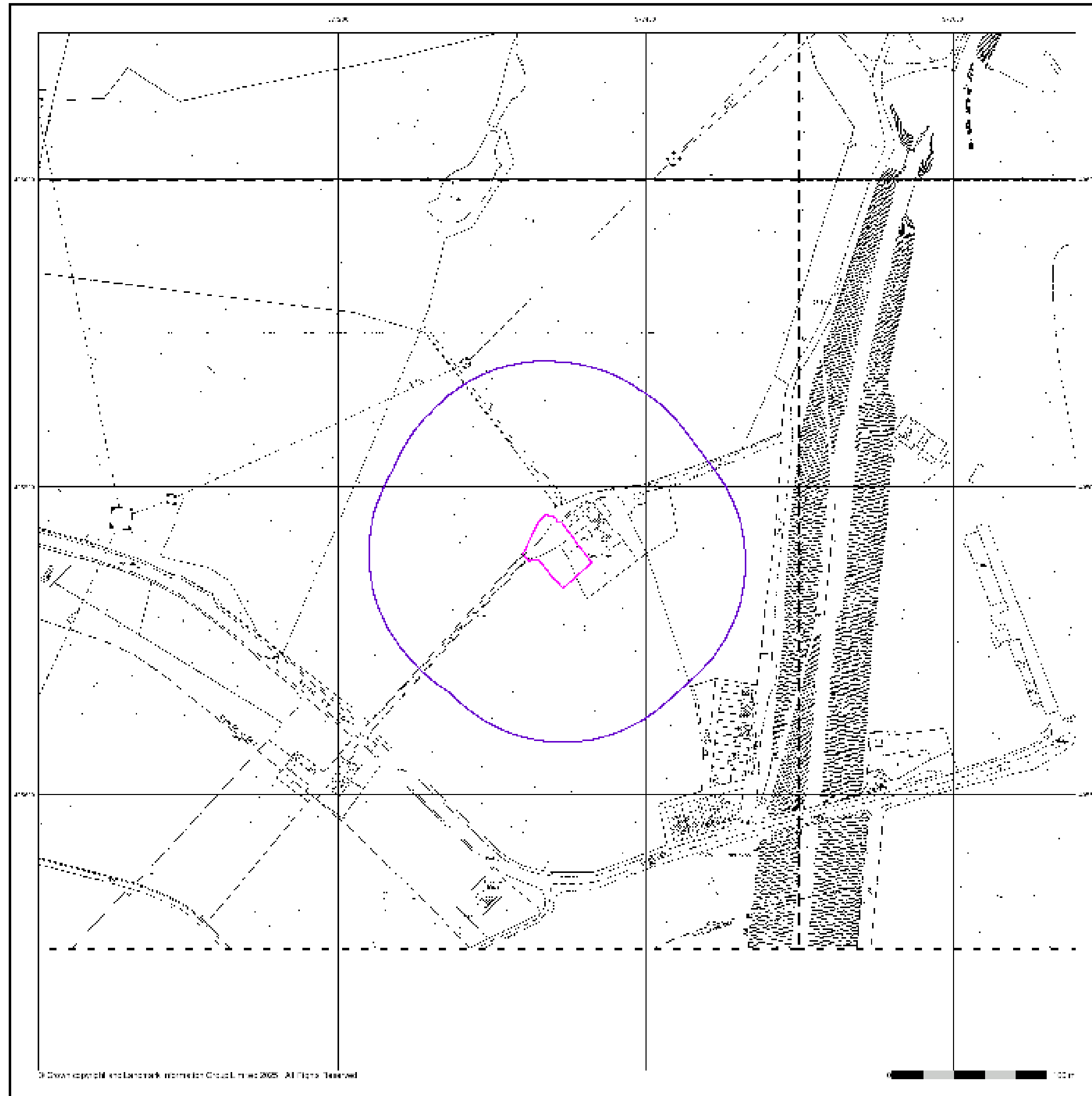
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Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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INFORMATION GROUP

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Additional SIMs

Published 1987 - 1988

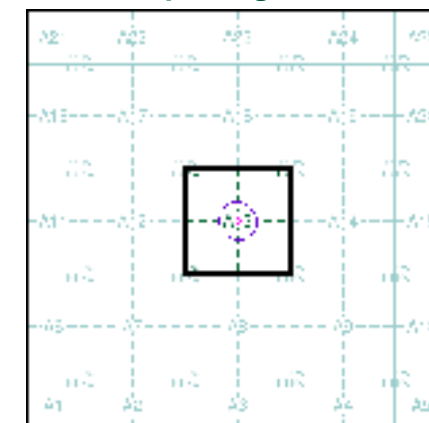
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD7708SW 1988 1:1,250	SD7708SE 1988 1:1,250
SD7708NW 1987 1:1,250	SD7708NE 1987 1:1,250

Historical Map - Segment A13



Order Details

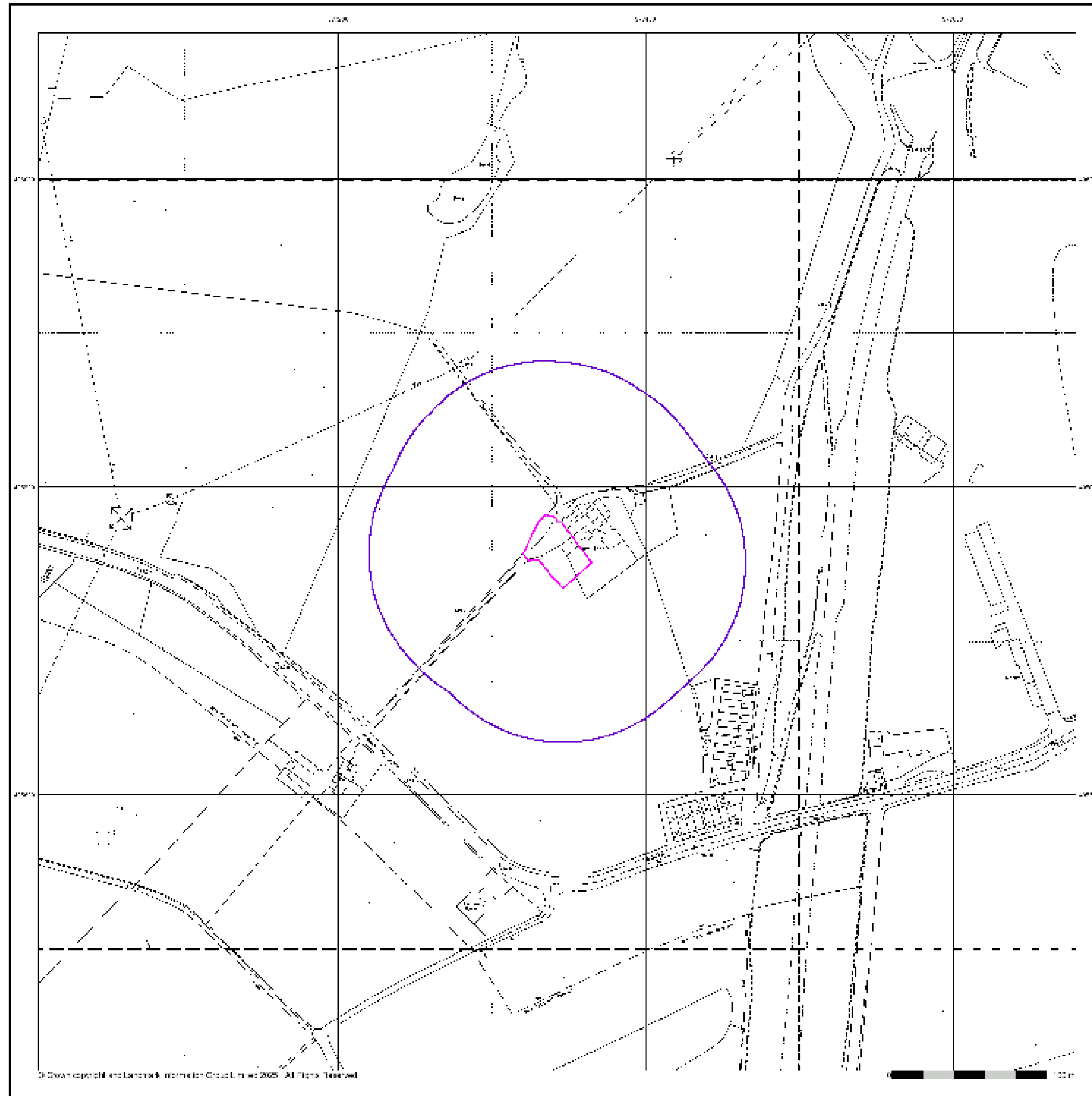
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1992

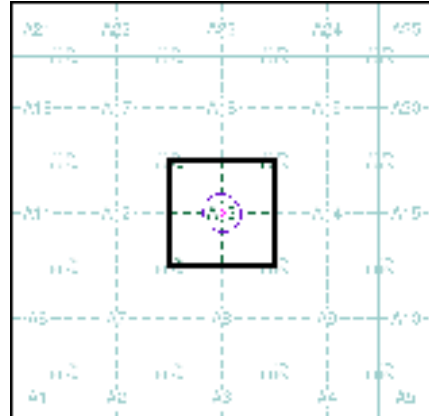
Source map scale - 1:1,250

'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)

1077058W	1077058E
992	992
1:250	1:250
1077058W	1077058E
992	992
1:250	1:250
1077058W	1077058E
992	992
1:250	1:250

Historical Map - Segment A13



Order Details

Order Number:	391427302_1_1
Customer Ref:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	100

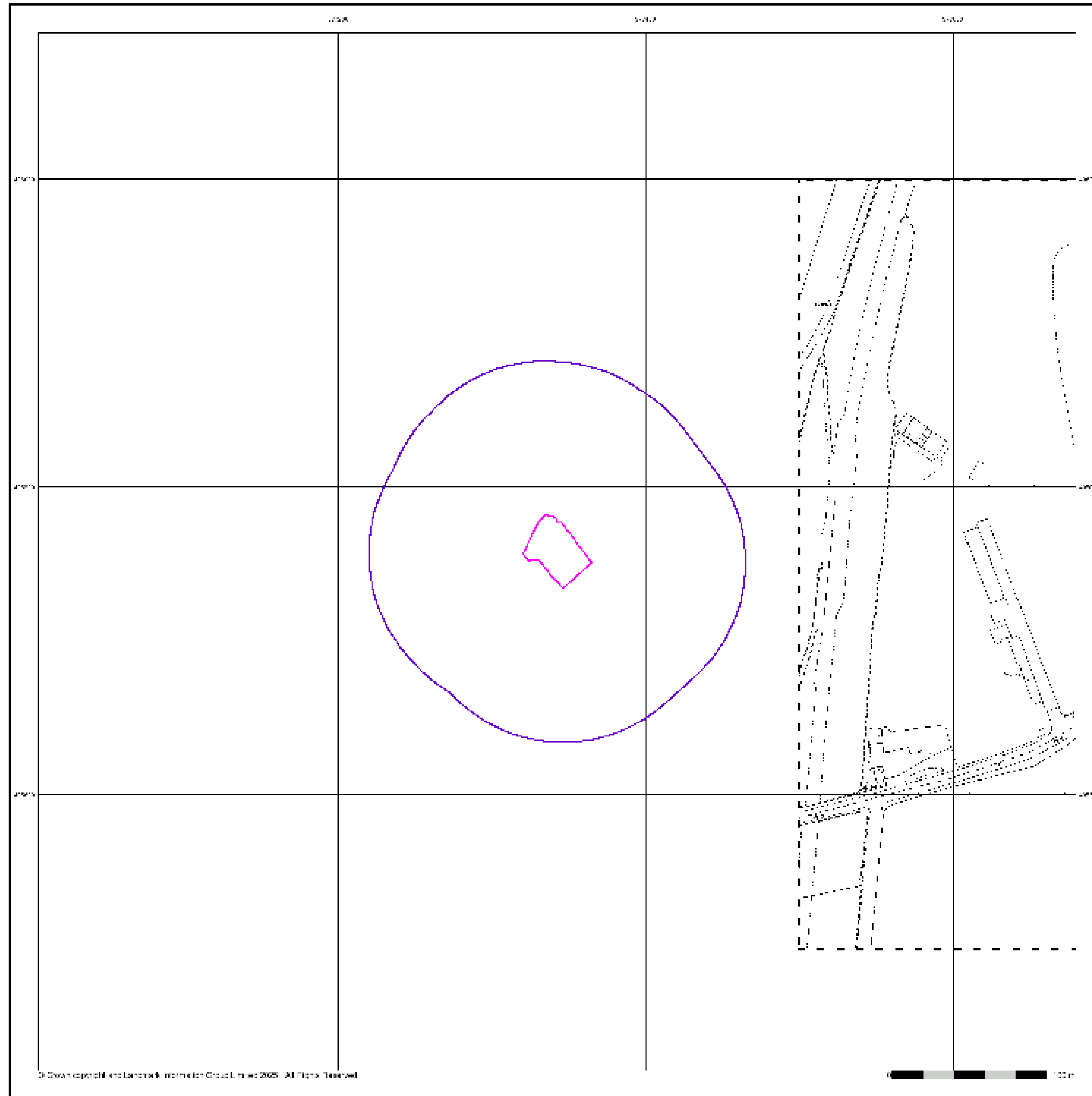
Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



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A Landmark Information Group Service v50.0 03-Dec-2025 Page 10 of 12



LK CONSULT

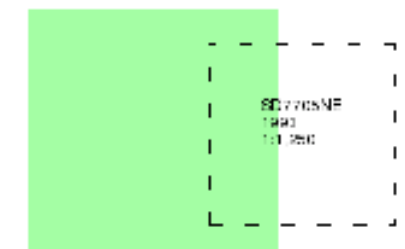
Large-Scale National Grid Data

Published 1993

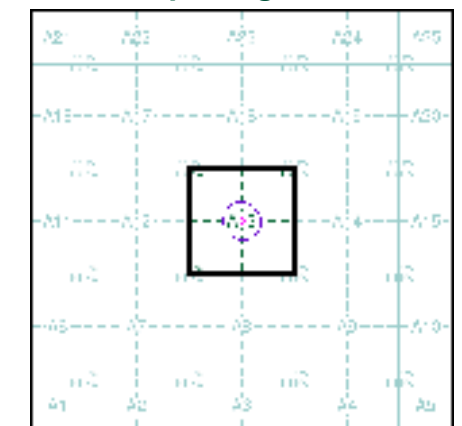
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

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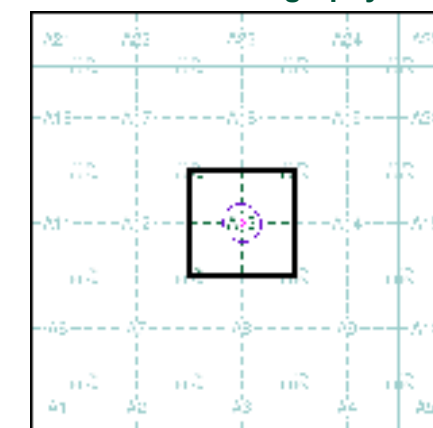
LK CONSULT

Historical Aerial Photography

Published 2000

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: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 100

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

Landmark
INFORMATION GROUP

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

Appendix B – Envirocheck Report

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

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

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFSD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Not Supplied - Quaternary
	PEAT	Peat	Peat	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone	Not Supplied - Olenekian
	MM	Manchester Marls Formation	Mudstone	Not Supplied - GUADALUPIAN
	NR	Nob End Rock	Sandstone	Not Supplied - Westphalian
	NHSS	Newton Heath Sandstone	Sandstone	Not Supplied - Westphalian
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	WDR	Worsley Delf Rock	Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and	Not Supplied - Westphalian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PR	Peel Hall Rock	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	TRBR	Trencherbone Rock	Sandstone	Not Supplied - Westphalian
	CAR	Cannel Rock (South Lancashire)	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
		Rock Segments		
		Faults		



Geology 1:50,000 Maps

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

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

Geology 1:50,000 Maps Coverage

Map ID: 1
Map Sheet No: 085
Map Name: Manchester
Map Date: 2010
Bedrock Geology: Available
Superficial Geology: Not Available
Artificial Geology: Not Available
Faults: Not Supplied
Landslip: Not Available
Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

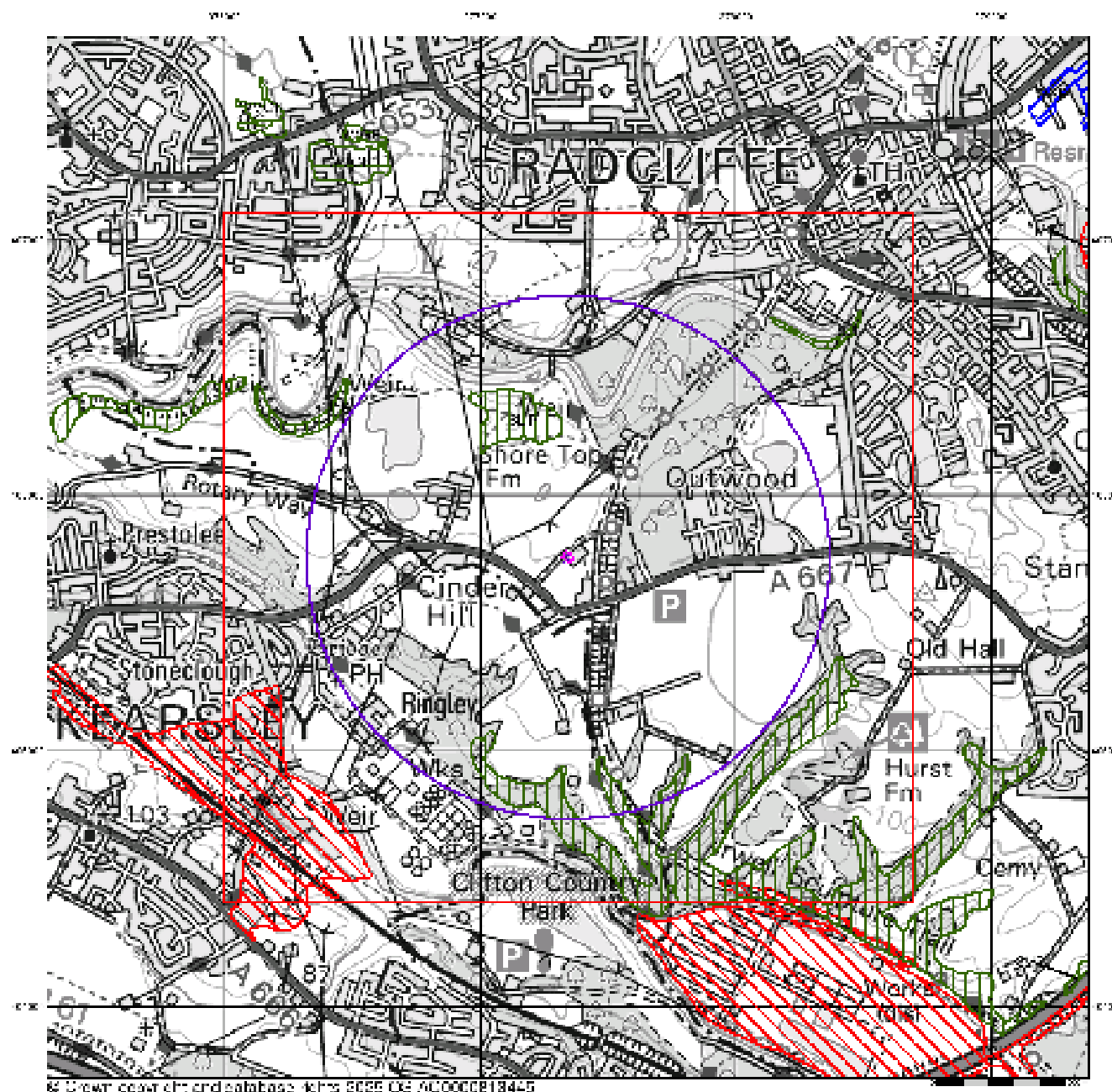
Order Number: 391427302_1_1
Customer Reference: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details:

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Artificial Ground and Landslip

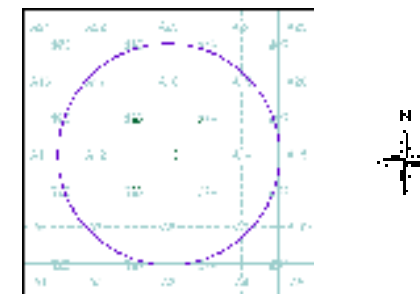
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

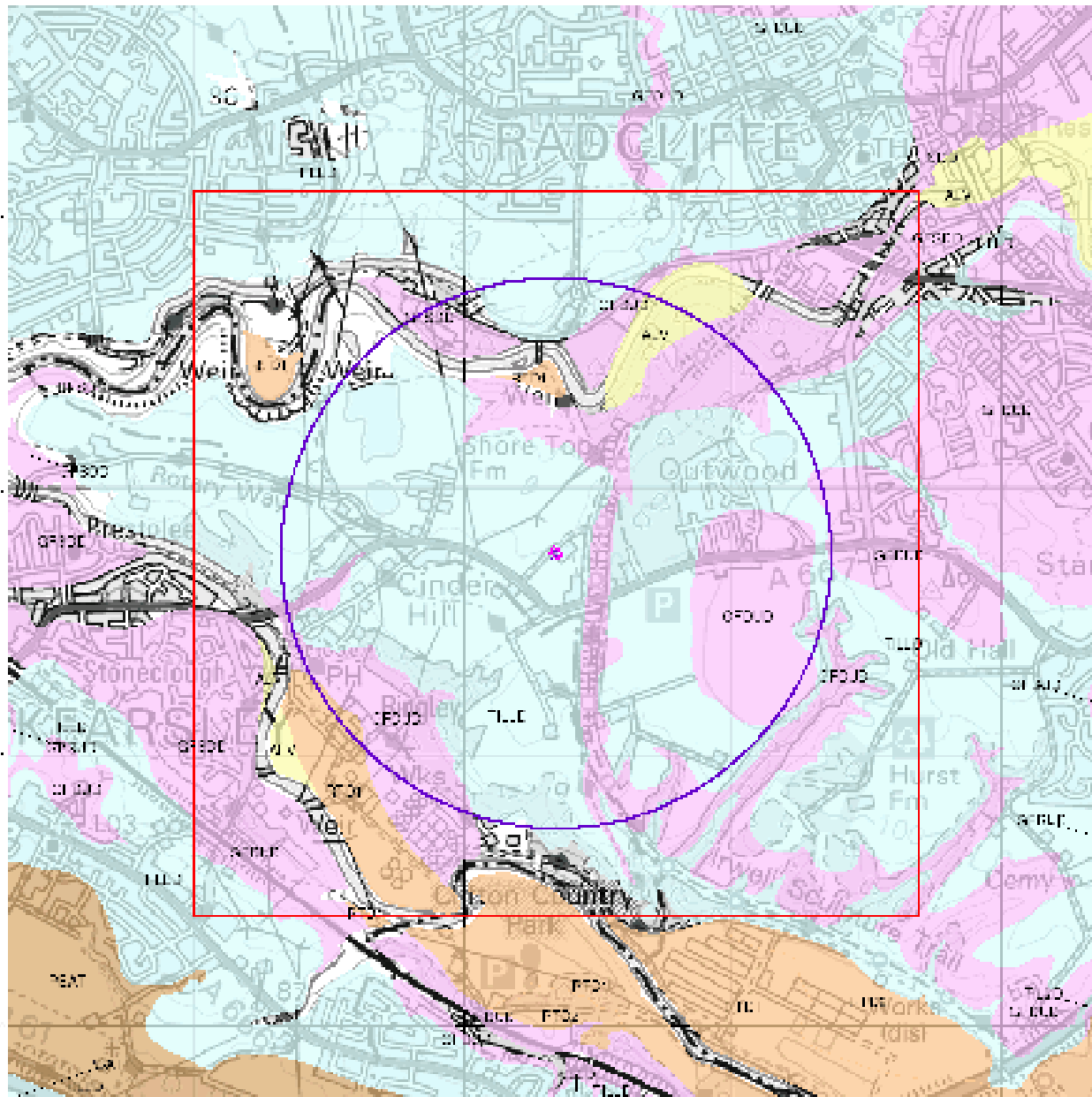
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Customer Reference:	LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference:	377340, 405760
Slice:	A
Site Area (Ha):	0.12
Search Buffer (m):	1000

Site Details:

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



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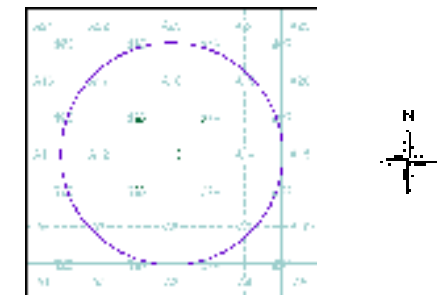
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

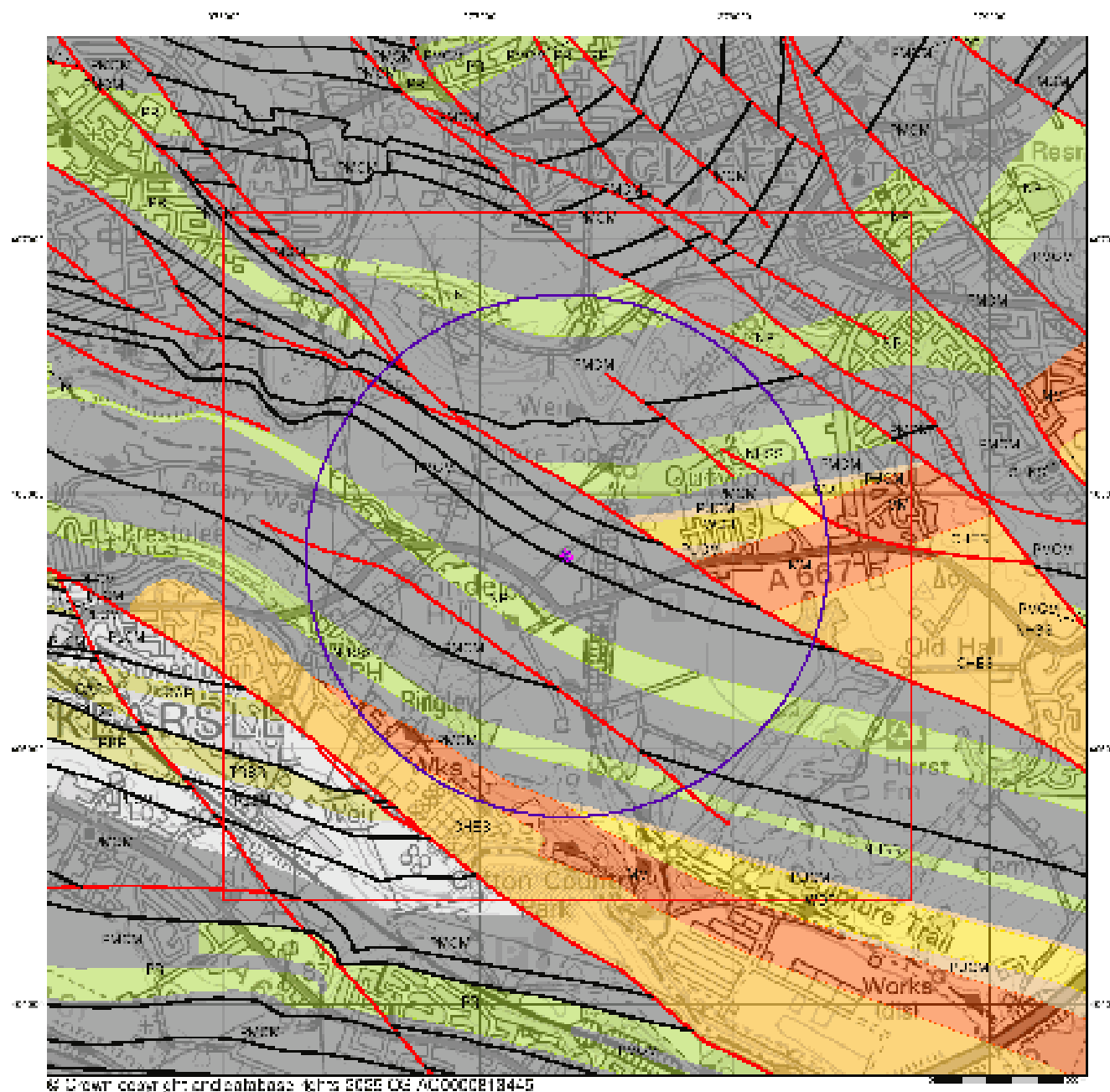
Order Number: 391427302_1_1
 Customer Reference: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details:

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



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



Bedrock and Faults

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

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

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

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

Bedrock and Faults Map - Slice A

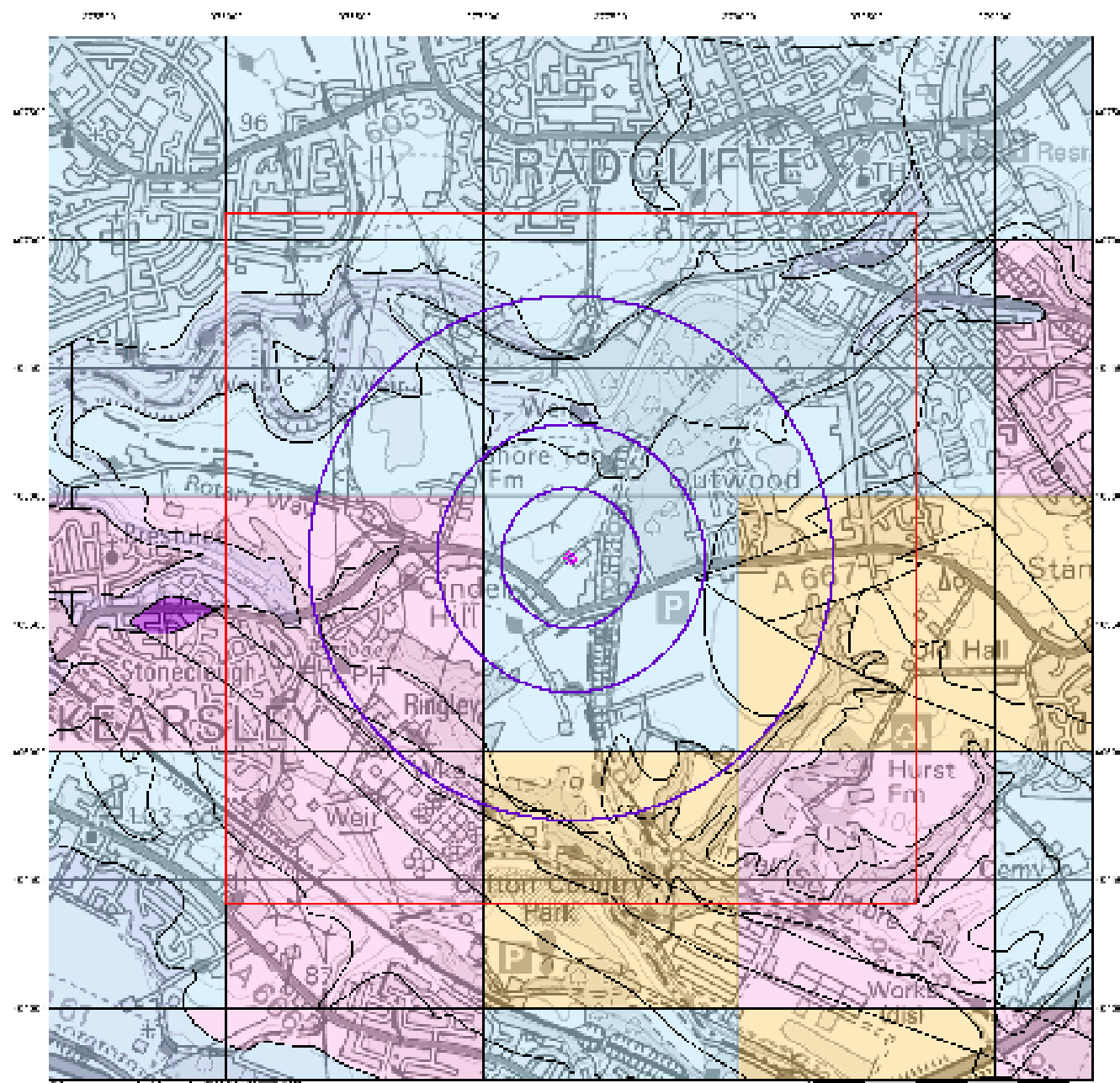


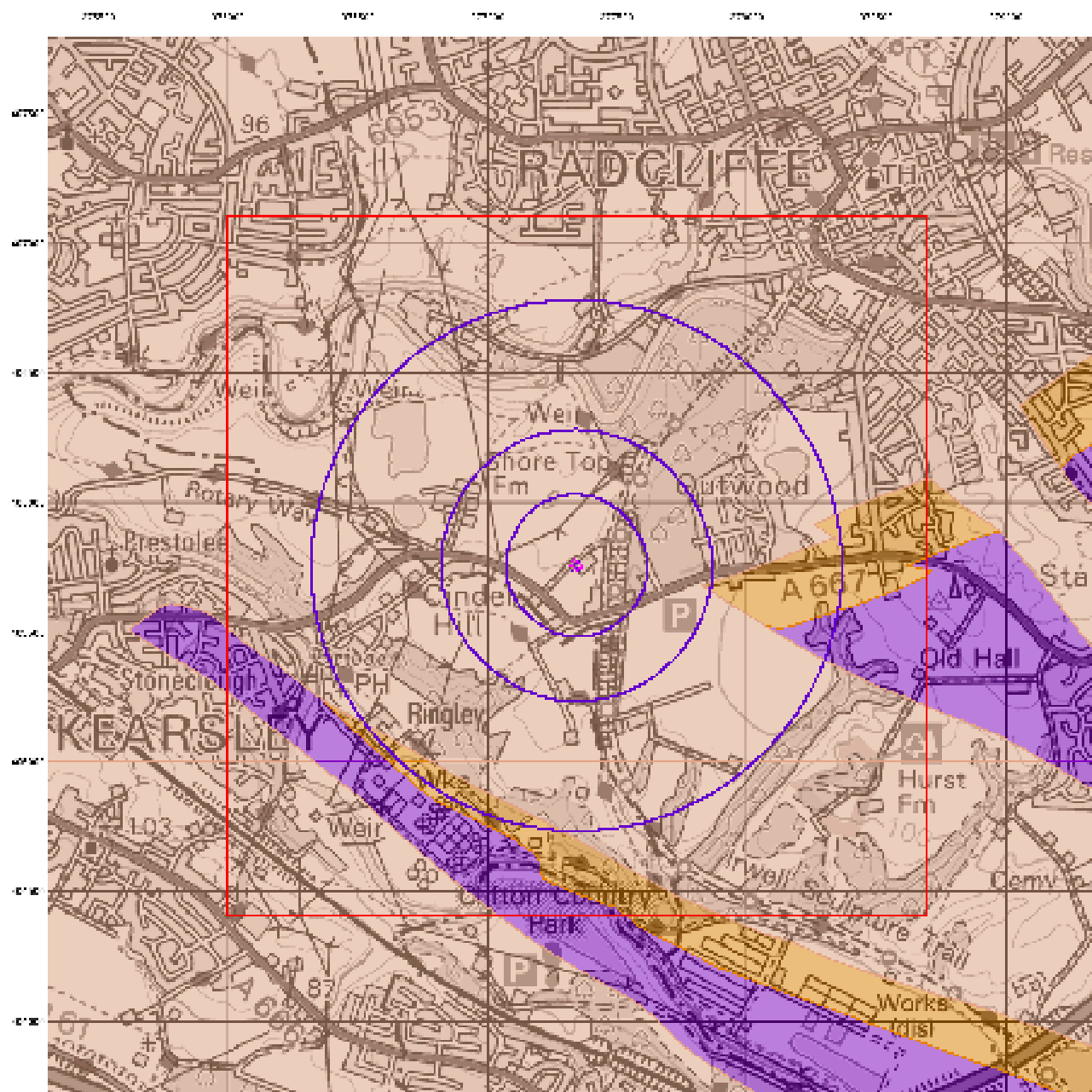
Order Details:

Order Number: 391427302_1_1
Customer Reference: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details:

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB





LK CONSULT

Bedrock Aquifer Designation

General

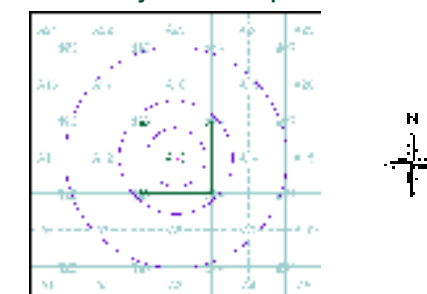
● Proposed Site Location X Unproven Site Location
L - P - U -

Agency and Hydrological

Geological Classes

- Unconsolidated Aquifer
- Consolidated Aquifer
- Consolidated Aquifer
- Consolidated Aquifer
- Unconsolidated Aquifer
- Unconsolidated Aquifer

Site Sensitivity Context Map - Slice A



Order Details

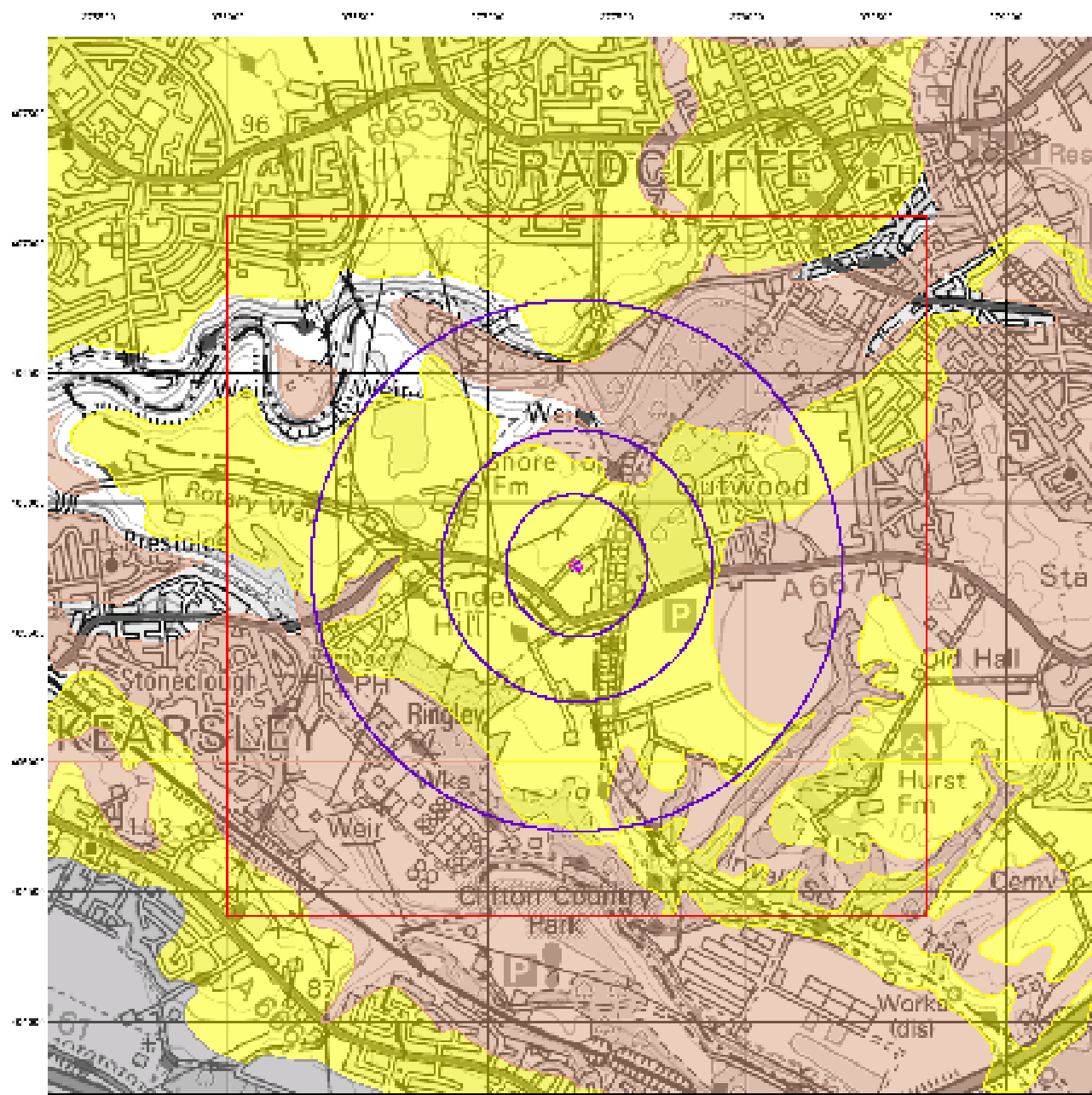
Order Number: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

Ground

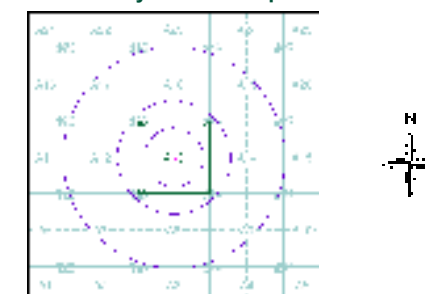
Ground Level
 Ground Level
 Ground Level

Agency and Hydrological

Geological Classes

- Unconsolidated
- Consolidated
- Consolidated
- Consolidated
- Unconsolidated
- Unconsolidated
- Unconsolidated

Site Sensitivity Context Map - Slice A



Order Details

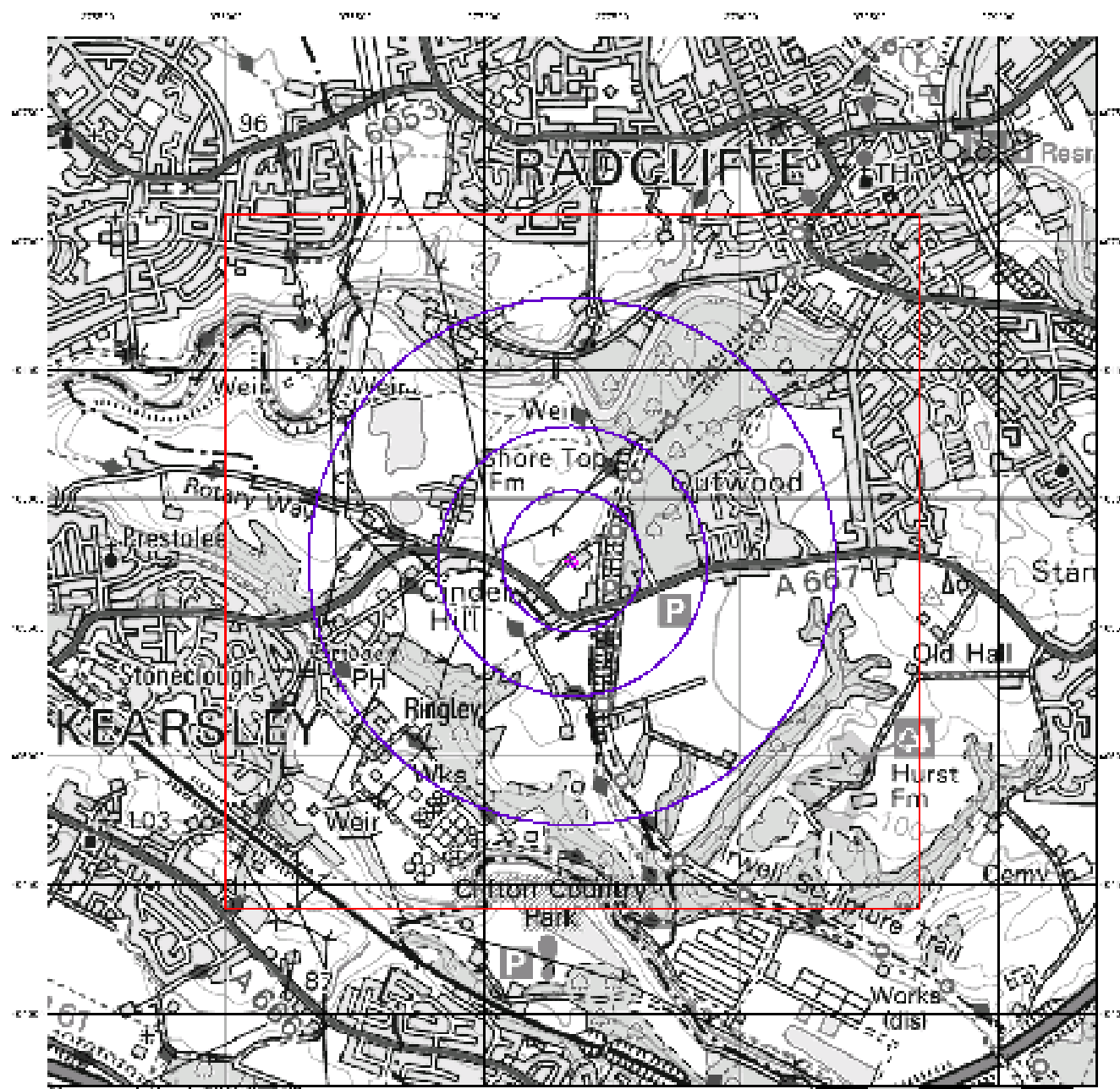
Order Number: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

Landmark
 A Landmark Information Group Service

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



Source Protection Zones

General



















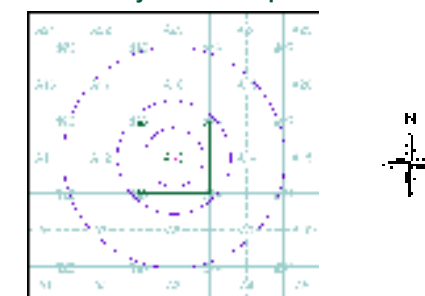





Agency and Hydrological

-  1. 1990-1994
 2. 1995-1999
 3. 2000-2004
 4. 2005-2009
 5. 2010-2014
 6. 2015-2019
 7. 2020-2024

Site Sensitivity Context Map - Slice A



Order Details

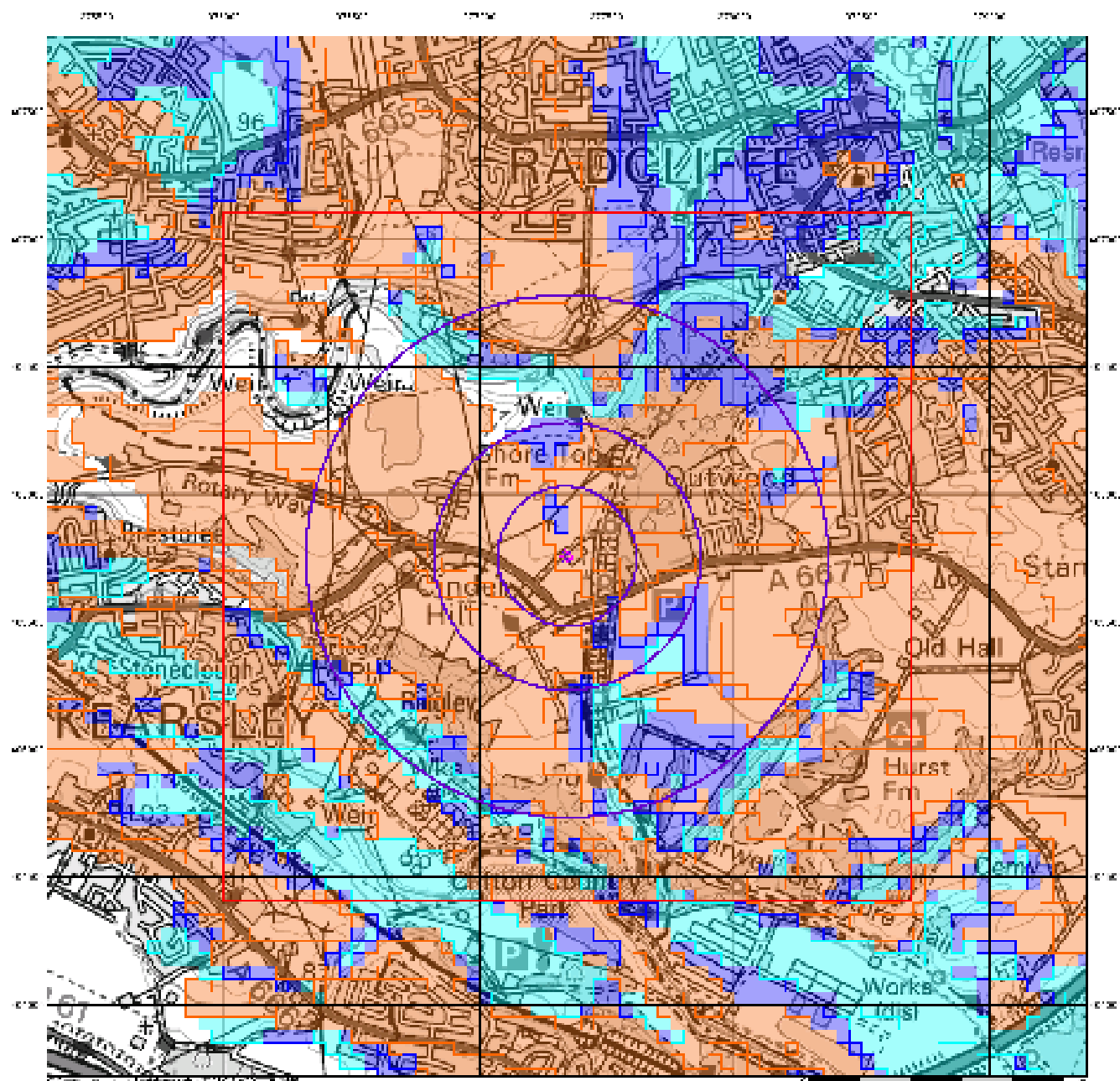
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

Landmark
Housing Group

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



BGS Flood GFS Data

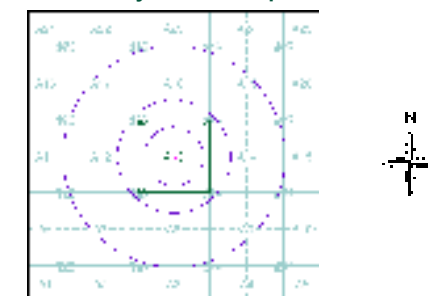
General

- 100% Flood
- 90% Flood
- 80% Flood
- 70% Flood
- 60% Flood
- 50% Flood
- 40% Flood
- 30% Flood
- 20% Flood
- 10% Flood
- 0% Flood

Agency and Hydrological (Flood)

- 100% Flood
- 90% Flood
- 80% Flood
- 70% Flood
- 60% Flood
- 50% Flood
- 40% Flood
- 30% Flood
- 20% Flood
- 10% Flood
- 0% Flood

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

391427302_1_1

Customer Reference:

LKC251735 Yew Tree Farm, Radcliffe

National Grid Reference:

377340, 405760

Slice:

A

Site Area (Ha):

0.12

Search Buffer (m):

1000

Site Details:

Yew Tree Farm, Ringley Road West

Radcliffe

Manchester

M26 1EB

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	24
Hazardous Substances	-
Geological	29
Industrial Land Use	44
Sensitive Land Use	49
Data Currency	50
Data Suppliers	55
Useful Contacts	56

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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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			1	4
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	pg 3				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 4				13
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register	pg 6		1	1	
Water Abstractions	pg 6				7 (*12)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 11	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 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 11			14	84
Water Framework Directive - Catchment	pg 22	Yes	Yes		Yes
Water Framework Directive - Groundwater	pg 23	Yes		Yes	
Water Framework Directive - Surface Waters	pg 23				Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 24			1	4
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 25				2
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 25		1	2	5
Potentially Infilled Land (Water)	pg 26		1	9	22
Registered Landfill Sites	pg 27			1	1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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 29	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 29	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 40		1	6	5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 42	Yes	n/a	n/a	n/a
Mining Instability	pg 42	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 42	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 42	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 42	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 42	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 44		1	2	14
Fuel Station Entries					
Points of Interest - Commercial Services	pg 45				10
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 46			2	7
Points of Interest - Public Infrastructure	pg 47			1	21
Points of Interest - Recreational and Environmental					
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	pg 49				4
Areas of Adopted Green Belt	pg 49	1	1		
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	pg 49		1		
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	0	1	377342 405758
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	20	1	377300 405758
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	35	1	377400 405758
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	68	1	377342 405850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	146	1	377250 405900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	172	1	377300 405950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	180	1	377400 405950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	203	1	377500 405600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	236	1	377200 405550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	241	1	377400 405500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	241	1	377600 405800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	257	1	377450 405500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	274	1	377550 405550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	318	1	377342 406100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	320	1	377300 406100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	325	1	377400 406100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	338	1	377100 405500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	350	1	377550 405450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	368	1	377700 405600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	368	1	377342 406150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	370	1	377300 406150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	380	1	377650 405500

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	A18SW (N)	392	1	377200 406150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	415	1	377650 405450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	419	1	377350 406200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	419	1	377700 405500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	435	1	377342 405300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	438	1	377400 405300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	447	1	377800 405650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (SE)	451	1	377650 405400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	480	1	377550 405300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	485	1	377350 405250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	488	1	377400 405250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	496	1	377450 405250
1	Discharge Consents Operator: L Mellor Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Higher Heaps Farm Stp Outwood, Kearsley, Bolton, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991250 Permit Version: 1 Effective Date: 14th March 1988 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Inwell Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (S)	387	2	377250 405360
2	Discharge Consents Operator: Joseph Barry Property Type: MINERAL/GRAVEL EXTRACTION/QUARRYING Location: Heaps Cottage, Stoneclough, Radcliffe, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016990592 Permit Version: 1 Effective Date: 14th March 1985 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Inwell Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (S)	636	2	377300 405100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Mount Sion Road Cso Mount Sion Road, Radcliffe, Manchester, Greater Manchester, M26 3sl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0037 Permit Version: 3 Effective Date: 25th August 2017 Issued Date: 30th August 2017 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	686	2	377382 406466
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Mount Sion Road Cso Mount Sion Road, Radcliffe, Manchester, Greater Manchester, M26 3sl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0037 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 24th August 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	690	2	377380 406470
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Mount Sion Road Cso Mount Sion Road, Radcliffe, Manchester, Greater Manchester, M26 3sl Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0037 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A18NE (N)	690	2	377380 406470
4	Local Authority Pollution Prevention and Controls Name: Itac Ltd Location: Bankfield Street, Stoneclough, Radcliffe, MANCHESTER, Greater Manchester, M26 1AS Authority: Bolton Metropolitan Borough Council, Environmental Health Department Permit Reference: Cpp/13 Dated: 24th August 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/44 Manufacture of coating materials Status: Permitted Positional Accuracy: Automatically positioned to the address	A7NW (SW)	957	3	376589 405139
	Nearest Surface Water Feature	A13SW (SW)	11	-	377328 405734

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: River Irwell, Near Bridge, Mount Sion Road Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Caustic & Sulphide Manhole Incident Date: 14th January 1998 Incident Reference: SO980134 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	520	2	377300 406300
6	Pollution Incidents to Controlled Waters Property Type: Farm Drainage Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Yard Washings Note: Shore Top Reservoir; Contaminated Surface Water Incident Date: 8th March 1994 Incident Reference: 94620437 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Inadequate Construction Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	574	2	376800 406000
7	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: River Irwell; Diesel Incident Date: 12th October 1996 Incident Reference: 96622184 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A18NW (N)	719	2	377300 406500
8	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Cawdor Brook; Foam Incident Date: 1st May 1995 Incident Reference: 95620981 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	737	2	377500 406500
9	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Radcliffe, MANCHESTER Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Liquid Sewage From Manhole Grid Incident Date: 16th January 1998 Incident Reference: SO980116 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	763	2	377900 406300
10	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: Bury Bolton Canal; Low Dissolved Oxygen Incident Date: 26th July 1995 Incident Reference: 95621867 Catchment Area: Manchester; Bolton; Bury Canal Receiving Water: Not Given Cause of Incident: Low Dissolved Oxygen Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	821	2	377400 406600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: River Irwell; Crude Sewage Incident Date: 21st August 1996 Incident Reference: 96621872 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	834	2	377500 406600
12	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: River Irwell, Stoneclough, RADCLIFFE Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Strong Smell Of Diesel Incident Date: 11th January 1998 Incident Reference: SO980076 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	835	2	376500 405600
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Irwell Incident Date: 1st May 1995 Incident Reference: 95620976 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	860	2	376500 405500
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Irwell; Foam Incident Date: 17th April 1996 Incident Reference: 96610805 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	A14SE (E)	948	2	378300 405600
15	Pollution Incidents to Controlled Waters Property Type: WSC Sewage, Sewerage & Supply: Northumbrian Water Ltd Location: Mount Sion Road, Radcliffe, RADCLIFFE, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 17th August 1999 Incident Reference: 31444 Catchment Area: Irwell Receiving Water: River Stretch (Freshwater) Cause of Incident: Drainage Failures : Combined Sewer Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A19NW (N)	983	2	377700 406695
15	Pollution Incidents to Controlled Waters Property Type: WSC Sewage, Sewerage & Supply: Northumbrian Water Ltd Location: River Irwell, Past Pub On Mount Sion Road, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 15th September 1999 Incident Reference: 32486 Catchment Area: Irwell Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (N)	984	2	377705 406695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: Irwell, Opposite Mason, RADCLIFFE Authority: Environment Agency, North West Region Pollutant: Sewage - Storm Overflow Note: Red Dye Incident Date: 11th October 1998 Incident Reference: SO981868 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (N)	987	2	377700 406700
16	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 13th July 2019 Incident Reference: 1718458 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: General Biodegradable : Natural Organic Material Pollutant: Specific Waste Materials: Other Specific Waste Material	A13SE (SE)	141	2	377462 405649
17	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 20th February 2020 Incident Reference: 1784092 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert Materials And Wastes: Rocks And Gravel Pollutant: Pollutant Not Identified: Not Identified	A12NE (W)	470	2	376885 405934
18	Water Abstractions Operator: Ahlstrom-Munksj�� Chirside Ltd Licence Number: 2569004043 Permit Version: 102 Location: Shore Top Reservoir At Radcliffe 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Mount Sion Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	960	2	376600 406400
18	Water Abstractions Operator: Ahlstrom Chirside Ltd Licence Number: 2569004043 Permit Version: 101 Location: Shore Top Reservoir At Radcliffe 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Mount Sion Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st September 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	960	2	376600 406400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Water Abstractions Operator: Dexter Non Wovens Licence Number: 2569004043 Permit Version: 100 Location: Shore Top Reservoir At Radcliffe 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): 2273 Yearly Rate (m3): 454600 Details: Premises At Mount Sion Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	960	2	376600 406400
19	Water Abstractions Operator: Ahlstrom-Munksj�� Chirnside Ltd Licence Number: 2569004024 Permit Version: 103 Location: River Irwell At Mount Sion Works Radcliffe 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Mount Sion Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	978	2	376800 406600
19	Water Abstractions Operator: Ahlstrom Chirnside Ltd Licence Number: 2569004024 Permit Version: 102 Location: River Irwell At Mount Sion Works Radcliffe 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Mount Sion Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	978	2	376800 406600
19	Water Abstractions Operator: Ahlstrom Dexter Ltd Licence Number: 2569004024 Permit Version: 101 Location: R Irwell At Mount Sion Works, Radcliffe 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Mount Sion Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st September 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	978	2	376800 406600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Water Abstractions Operator: Dexter Non Wovens Licence Number: 2569004024 Permit Version: 100 Location: R Irwell At Mount Sion Works, Radcliffe 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): 8183 Yearly Rate (m3): 2127528 Details: Premises At Mount Sion Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th November 1990 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	978	2	376800 406600
	Water Abstractions Operator: British Waterways Board Licence Number: 2569004996 Permit Version: Not Supplied Location: Bolton & Bury Canal Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 1591100 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	A11SE (W)	1317	2	376005 405695
	Water Abstractions Operator: British Waterways Board Licence Number: 2569004037 Permit Version: Not Supplied Location: Bolton & Bury Canal , MANCHESTER Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Bolton & Bury Canal 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	A11SE (W)	1322	2	376000 405700
	Water Abstractions Operator: Robert Fletcher Stoneclough Ltd Licence Number: 2569004027 Permit Version: 100 Location: The River Irwell At Kearsley Paper Works, Stoneclough 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): 15684 Yearly Rate (m3): 4182408 Details: Land & Premises At Kearsley Paper Works Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1421	2	375900 405700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Bpb Radcliffe Licence Number: 2569004013 Permit Version: 100 Location: R Irwell At Radcliffe, Manchester 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): 5000 Yearly Rate (m3): 1000000 Details: Premises At Johnson Street, Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th April 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NW (NE)	1479	2	378500 406700
	Water Abstractions Operator: Mondi Packaging Holcombe Limited Licence Number: 2569004003 Permit Version: 102 Location: R Irwell At Little Lever, Bolton 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 Little Lever, Bolton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th October 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SW (NW)	1651	2	375800 406400
	Water Abstractions Operator: Mondi Paper Limited Licence Number: 2569004003 Permit Version: 101 Location: R Irwell At Little Lever, Bolton 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 Little Lever, Bolton 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	A16SW (NW)	1651	2	375800 406400
	Water Abstractions Operator: Danisco Paper Ltd Licence Number: 2569004003 Permit Version: 100 Location: R Irwell At Little Lever, Bolton 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): 1571 Yearly Rate (m3): 409140 Details: Premises At Little Lever, Bolton 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	A16SW (NW)	1651	2	375800 406400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Nwwa Eastern Division Licence Number: 2569004045 Permit Version: Not Supplied Location: Un-Named Culverted Watercourse, Rhodes Farm, Ringley, BOLTON Authority: Environment Agency, North West Region Abstraction: Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 400 Yearly Rate (m3): 36504 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	A4SE (SE)	1710	2	378100 404200
	Water Abstractions Operator: Mondi Paper Limited Licence Number: 2569004049 Permit Version: 101 Location: Borehole At Creams Mill, Mytham Road, Little Lever, Bolton Authority: Environment Agency, North West Region Abstraction: Paper And Printing: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Creams Mill, Little Lever 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	A16NW (NW)	1783	2	375700 406500
	Water Abstractions Operator: Danisco Paper Ltd Licence Number: 2569004049 Permit Version: 100 Location: Borehole At Creams Mill, Mytham Road, Little Lever, Bolton Authority: Environment Agency, North West Region Abstraction: Paper And Printing: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 436 Yearly Rate (m3): 159295 Details: Land At Creams Mill, Little Lever 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	A16NW (NW)	1783	2	375700 406500
	Water Abstractions Operator: British Waterways Board Licence Number: 2569004994 Permit Version: Not Supplied Location: Bolton & Bury Canal Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 1136 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	(NE)	1965	2	378300 407495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: British Waterways Board Licence Number: 2569004037 Permit Version: Not Supplied Location: Bolton & Bury Canal Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Bolton & Bury Canal 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	(NE)	1969	2	378300 407500
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13SW (SW)	0	2	377342 405758
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (SW)	0	2	377342 405758
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (SW)	0	2	377342 405758
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (N)	256	4	377304 406036
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (N)	313	4	377317 406094

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	366	4	377318 406147
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	373	4	377323 406155
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	376	4	377318 406157
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 191.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	386	4	377318 406167
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (NE)	389	4	377600 406071
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	434	4	377425 406207
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	459	4	377081 405360
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	465	4	377428 406238
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (NE)	472	4	377535 406210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	476	4	377426 406249
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	487	4	377495 406242
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	490	4	377128 405296
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	511	4	377479 406273
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	534	4	377480 406296
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 342.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SW (N)	545	4	377134 406288
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SE (N)	552	4	377461 406319
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 307.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SE (N)	553	4	377477 406316
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	566	4	377407 406344

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	569	4	377380 406349
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SE (N)	573	4	377432 406347
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A18SE (N)	573	4	377432 406347
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A18SE (N)	577	4	377392 406356
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	577	4	377392 406356
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SE (N)	580	4	377427 406355
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SE (N)	591	4	377422 406366
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	598	4	377011 405240
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	600	4	377706 406256

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SE (N)	603	4	377414 406379
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A18SE (N)	608	4	377454 406379
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18SE (N)	647	4	377387 406426
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A18SE (N)	647	4	377387 406426
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A18NE (N)	662	4	377398 406440
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A18NE (N)	665	4	377400 406443
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 467.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A18NE (N)	667	4	377408 406444
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18NE (N)	677	4	377370 406458
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	677	4	377370 406458

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 248.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	684	4	377083 405104
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 228.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	688	4	376894 405216
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18NW (N)	703	4	377136 406456
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (SE)	716	4	377637 405080
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	746	4	377497 405004
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	750	4	377487 404998
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A17NE (NW)	754	4	376990 406451
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A17NE (NW)	754	4	376990 406451
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A17NE (NW)	776	4	376995 406479

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (SW)	783	4	376600 405450
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: Underground Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A17NE (NW)	783	4	376983 406481
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	791	4	377303 404945
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.0 Watercourse Level: Underground Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A17NE (NW)	795	4	376966 406486
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	795	4	376966 406486
72	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1902.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Manchester, Bolton and Bury Canal Catchment Name: Mersey Primacy: 2	A18NW (N)	800	4	377251 406577
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	812	4	376972 406508
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	820	4	377333 404915
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	821	4	378169 405913

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NW (SW)	822	4	376585 405389
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 230.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	824	4	376958 406515
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NW (SW)	826	4	376583 405385
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 252.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	827	4	377321 404909
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	842	4	377645 406565
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 402.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A18NE (N)	842	4	377645 406565
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	844	4	377664 406560
83	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	844	4	376901 405018
84	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 113.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	844	4	376972 406544

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 134.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	845	4	378170 406007
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	850	4	376894 405016
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	862	4	377785 404993
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A17NE (NW)	865	4	376890 406523
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	872	4	377803 404992
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	877	4	377798 404983
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	881	4	377578 404885
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	883	4	377825 404993
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: Underground Permanent: True Watercourse Name: Manchester Bolton and Bury Canal Catchment Name: Mersey Primacy: 1	A7NE (SW)	905	4	376697 405099

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Manchester Bolton and Bury Canal Catchment Name: Mersey Primacy: 1	A7NE (SW)	905	4	376693 405104
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Manchester Bolton and Bury Canal Catchment Name: Mersey Primacy: 1	A7SE (SW)	907	4	376730 405067
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Manchester Bolton and Bury Canal Catchment Name: Mersey Primacy: 1	A7SE (SW)	907	4	376725 405072
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 289.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	907	4	377803 404951
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 708.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Manchester Bolton and Bury Canal Catchment Name: Mersey Primacy: 1	A7NW (SW)	909	4	376625 405171
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	919	4	377537 406678
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	922	4	378242 405467
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	923	4	378242 405466
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	925	4	378244 405467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 221.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Manchester Bolton and Bury Canal Catchment Name: Mersey Primacy: 1	A7SE (SW)	927	4	376839 404959
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A17NE (NW)	932	4	376806 406550
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 2	A17NE (NW)	932	4	376806 406550
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	938	4	376861 406591
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A17NE (NW)	939	4	376836 406577
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 122.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	941	4	378293 405599
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 224.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	942	4	377525 404810
110	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 35.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	949	4	376885 406617
111	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 20.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	949	4	376885 406617

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Manchester Bolton and Bury Canal Catchment Name: Mersey Primacy: 1	A8SW (S)	978	4	377007 404818
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A17NE (NW)	986	4	376804 406613
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: Underground Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A17NE (NW)	986	4	376808 406615
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Irwell Catchment Name: Mersey Primacy: 1	A17NE (NW)	987	4	376803 406613
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	988	4	378317 405487
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (S)	994	4	376965 404817
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Irwell (Roch to Croal) WaterBody ID: GB112069060840 Operational: Croal Irwell Catchment: Irwell Management: Irwell Catchment: Irwell Catchment Name: Irwell	A13SW (SW)	0	2	377342 405758
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Irwell (Croal to Irk) WaterBody ID: GB112069061451 Operational: Croal Irwell Catchment: Irwell Management: Irwell Catchment: Irwell Catchment Name: Irwell	A13SE (S)	181	2	377420 405570
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Croal (including Blackshaw Brook) WaterBody ID: GB112069064550 Operational: Croal Irwell Catchment: Irwell Management: Irwell Catchment: Irwell Catchment Name: Irwell	A18NW (N)	767	2	377220 406540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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: Good Measure: Year: 2019	A13SW (SW)	0	2	377342 405758
	Water Framework Directive - Groundwater Waterbody Name: Manchester and East Cheshire Permo-Triassic Sandstone Aquifers Waterbody ID: GB41201G101100 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB41201G101100 Overall Rating: Poor Chemical Rating: Poor Quantitative: Poor Measure: Year: 2019	A14NW (E)	413	2	377775 405792
	Water Framework Directive - Surface Waters Class Code: River Waterbody Name: Irwell (Roch To Croal) Waterbody ID: GB112069060840 URL Address: Not Supplied Overall Rating: Not Assessed Chemical Rating: Not Assessed Classification Year: 2022	A18SE (N)	552	2	377473 406317
	Water Framework Directive - Surface Waters Class Code: Canal Waterbody Name: Manchester, Bolton And Bury Canal (North) Waterbody ID: GB71210501 URL Address: Not Supplied Overall Rating: Not Assessed Chemical Rating: Not Assessed Classification Year: 2022	A18NW (N)	800	2	377254 406577
	Water Framework Directive - Surface Waters Class Code: Canal Waterbody Name: Manchester, Bolton And Bury Canal (South) Waterbody ID: GB71210502 URL Address: Not Supplied Overall Rating: Not Assessed Chemical Rating: Not Assessed Classification Year: 2022	A7NE (SW)	905	2	376697 405099

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	Historical Landfill Sites Licence Holder: J Smalley Location: Off Ringley Road West, Outwood, Radcliffe, Greater Manchester Name: Lower Heaps Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16118 First Input Date: 3rd August 1981 Last Input Date: 31st December 1985 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9276 BGS Ref: Not Supplied Other Ref: RD/LIC/218/81, C056	A13SE (SE)	396	2	377665 405492
119	Historical Landfill Sites Licence Holder: Greater Manchester Waste Disposal Authority Location: Sion Street, Radcliffe, Bury, Greater Manchester Name: Land at Mount Sion Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16024 First Input Date: 31st December 1965 Last Input Date: 31st December 1976 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9648 BGS Ref: Not Supplied Other Ref: C062	A18SE (N)	584	2	377477 406349
120	Historical Landfill Sites Licence Holder: The Radcliffe Paper Mill Company Location: Off Outwood Road, Radcliffe, Bury, Greater Manchester Name: Land at Freightman Hillock Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD18084 First Input Date: 31st December 1934 Last Input Date: 31st December 1993 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9297 BGS Ref: Not Supplied Other Ref: RD/LIC/025/76, C020	A19SW (NE)	727	2	377945 406188
121	Historical Landfill Sites Licence Holder: Not Supplied Location: Ringley, Kearsley, Greater Manchester Name: Land off Ringley Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16138 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: B083	A7NE (SW)	787	2	376673 405310
122	Historical Landfill Sites Licence Holder: Not Supplied Location: Outwood Road, Radcliffe, Bury, Greater Manchester Name: King George V Playing Fields Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16041 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: C068	A19SE (NE)	913	2	378129 406251

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	Licensed Waste Management Facilities (Locations) Licence Number: 50254 Location: Nursery Works, Sion Street, Radcliffe, Manchester, Greater Manchester, M26 3SJ Operator Name: Colin Waters Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: End of Life Vehicles Licence Status: Expired Issued: 5th August 2004 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	A18NE (N)	879	2	377630 406611
123	Licensed Waste Management Facilities (Locations) Licence Number: 50254 Location: Nursery Works, Sion Street, Radcliffe, Manchester, Greater Manchester, M26 3SJ Operator Name: Colin Waters Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Expired Issued: 5th August 2004 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	A18NE (N)	879	2	377630 406611
	Local Authority Landfill Coverage Name: Bury Metropolitan Borough Council - Has not been able to supply Landfill data		0	5	377342 405758
	Local Authority Landfill Coverage Name: Bolton Metropolitan Borough Council - Has supplied landfill data		210	6	377202 405582
124	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SE (E)	193	-	377557 405740
125	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SE (SE)	294	-	377609 405588
126	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (NW)	466	-	377047 406148
127	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A7NE (SW)	709	-	376886 405195
128	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A7NE (SW)	735	-	376917 405138
129	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A7NW (SW)	830	-	376594 405356
130	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A7NE (SW)	876	-	376734 405106
131	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A7SE (SW)	912	-	376866 404960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1930	A13NE (N)	233	-	377435 405994
133	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A13NW (NW)	266	-	377106 405921
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A13SE (SE)	281	-	377571 405561
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NW (NW)	311	-	377099 405985
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NW (NW)	373	-	377019 405981
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A8NW (S)	377	-	377252 405370
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A14SW (SE)	434	-	377737 405528
139	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A12SE (SW)	451	-	376998 405440
140	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A14SW (SE)	452	-	377771 405555
141	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NE (NW)	486	-	376878 405957
142	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1930	A8NE (S)	587	-	377538 405180
143	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NW (E)	651	-	377990 405930
144	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NE (E)	718	-	378051 405963
145	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7NE (SW)	747	-	376831 405192
146	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9SW (SE)	749	-	377711 405080
147	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14SE (E)	772	-	378134 405691
148	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7NE (SW)	772	-	376852 405143
149	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NW (SE)	775	-	377877 405170
150	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7NE (SW)	786	-	376830 405142
151	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7NE (SW)	786	-	376803 405164
152	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	788	-	377875 406360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7NE (SW)	818	-	376784 405138
154	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NE (SE)	891	-	378035 405165
155	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A9NE (SE)	909	-	378179 405347
156	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NE (E)	919	-	378271 405899
157	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A12NW (W)	927	-	376451 406078
158	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9SW (SE)	929	-	377918 405003
159	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SE (NE)	943	-	378180 406224
160	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9SE (SE)	943	-	378020 405073
161	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SE (NE)	972	-	378216 406221
162	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19NE (NE)	976	-	378034 406469
163	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NW (W)	989	-	376342 405896
164	Registered Landfill Sites Licence Holder: J Smalley Licence Reference: 00218/81/M2 Site Location: Lower Heaps Farm, Outwood, Radcliffe, MANCHESTER, Greater Manchester, M26 9DT Licence Easting: 377700 Licence Northing: 405500 Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 3rd August 1981 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: Construction And Demolition Wastes Prohibited Waste: Biodegradable/Putrescible Waste Chemical Wastes Liquid Wastes Sludge Wastes	A14SW (SE)	419	2	377700 405500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	Registered Landfill Sites Licence Holder: Radcliffe Paper Mill Co Licence Reference: 00025/76/M2 Site Location: Frieghtman Hillock Farm, Radcliffe, Manchester, Greater Manchester Licence Easting: 378050 Licence Northing: 406250 Operator Location: Johnson Street, Radcliffe, BURY, Lancashire, M26 9AU Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 14th December 1978 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: Construction And Demolition Wastes Ind. Non-Haz. Waste Prohibited Waste: Liquid Wastes	A19SE (NE)	848	2	378050 406250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13SW (SW)	0	1	377342 405758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (SW)	0	1	377342 405758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (N)	184	1	377418 405947
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	205	1	377520 405885
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (SW)	257	1	377202 405521
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	323	1	377480 406072
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A18SE (N)	351	1	377448 406115

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13SW (SW)	362	1	377162 405423
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (NE)	461	1	377643 406128
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	472	1	377831 405680
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (NW)	485	1	377045 406171
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (E)	517	1	377872 405653
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (N)	580	1	377384 406359

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SW (E)	635	1	378000 405758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SW (E)	636	1	378000 405738
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NE (W)	651	1	376670 405790
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A12NW (W)	656	1	376664 405773
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A14SW (E)	661	1	378000 405570
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NW (E)	666	1	378000 405952

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (W)	682	1	376639 405792
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A8SE (S)	697	1	377539 405065
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A7NE (SW)	722	1	376846 405212
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SW (S)	724	1	377130 405044
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NW (N)	734	1	377335 406516
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NE (SW)	743	1	376915 405129

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	748	1	378076 405522
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	751	1	377500 405000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	751	1	377500 404999
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	757	1	377369 406538
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	772	1	377581 405000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (SW)	778	1	377000 405039

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A17NE (NW)	793	1	377000 406500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	797	1	377964 405226
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SW (S)	802	1	377085 404976
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A8SW (SW)	805	1	377024 404998
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A9SW (SE)	805	1	377759 405044
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A7SE (SW)	812	1	377000 405000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	813	1	378136 406009
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	817	1	377475 404928
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	820	1	376500 405758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SW (W)	821	1	376500 405721
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	830	1	378000 405217
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	830	1	377500 404919

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	832	1	376500 405896
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NW (SW)	837	1	376601 405329
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	841	1	376757 406392
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SW (W)	844	1	376500 405560
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17NE (NW)	847	1	376886 406500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	848	1	378000 405190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (W)	855	1	376500 405997
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17NE (NW)	861	1	376861 406500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19SE (NE)	887	1	378108 406235
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A8SE (S)	892	1	377463 404850
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NW (SW)	895	1	376500 405399
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A8SE (S)	908	1	377500 404840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9SW (SE)	910	1	377882 405000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17NE (N)	912	1	377000 406630
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7SE (SW)	916	1	376893 404939
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7SE (S)	922	1	377000 404881
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NW (SW)	923	1	376500 405335
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NE (E)	924	1	378254 406000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (SW)	926	1	376782 405000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	936	1	377091 404835
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (SW)	946	1	376500 405287
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	958	1	378184 406247
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	962	1	377549 404794
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (S)	971	1	377259 404768

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A14NE (E)	972	1	378295 406031
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NW (N)	982	1	377284 406762
166	BGS Recorded Mineral Sites Site Name: Outwood Colliery, Nos 2, 4 & 5 Pits Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187582 Type: Underground Status: Ceased Operator: Clifton & Kearsley Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (E)	230	1	377592 405787
167	BGS Recorded Mineral Sites Site Name: Outwood Brick & Tile Works Location: Ringley Road West, Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 12358 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SE (E)	254	1	377615 405710
168	BGS Recorded Mineral Sites Site Name: Outwood Colliery, Nos 2, 4 & 5 Pits Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187581 Type: Underground Status: Ceased Operator: Clifton & Kearsley Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (E)	289	1	377631 405864
168	BGS Recorded Mineral Sites Site Name: Outwood Colliery, Nos 2, 4 & 5 Pits Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 12357 Type: Underground Status: Ceased Operator: Clifton & Kearsley Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Middle Coal Measures Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	327	1	377650 405910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	BGS Recorded Mineral Sites Site Name: Outwood Brick Works Location: Ringley Road West, Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187583 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	369	1	377651 405519
170	BGS Recorded Mineral Sites Site Name: Bottom O'Th'Field Sand Pit Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187579 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	370	1	377545 406088
171	BGS Recorded Mineral Sites Site Name: Bottom O'Th'Field Sand Pit Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187580 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	460	1	377057 406148
172	BGS Recorded Mineral Sites Site Name: Whitefield Colliery Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187578 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	719	1	377810 406326
172	BGS Recorded Mineral Sites Site Name: Whitefield Colliery Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187577 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	733	1	377833 406324
172	BGS Recorded Mineral Sites Site Name: Grundy'S Pit Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187576 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	739	1	377819 406344

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	BGS Recorded Mineral Sites Site Name: Nuttall Wood Gravel Pit Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96850 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	898	1	378170 405354
174	BGS Recorded Mineral Sites Site Name: Whitefield Colliery Location: Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187575 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	941	1	378042 406409
	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 (SW)	0	7	377342 405758
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (SW)	0	-	377342 405758
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	377342 405758
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	377342 405758
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	377342 405758
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	377342 405758
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	180	1	377545 405743
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	377342 405758
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	377342 405758
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	108	1	377473 405749
	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 (SW)	0	1	377342 405758

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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 (SW)	0	1	377342 405758

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	Contemporary Trade Directory Entries Name: Ringley Car Sales Location: Ringley Road West, Radcliffe, Manchester, M26 1DN Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	240	-	377564 405618
176	Contemporary Trade Directory Entries Name: Outwood Grinding Co Location: 108, Ringley Road West, Radcliffe, Manchester, M26 1DE Classification: Grinding Equipment & Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	298	-	377652 405671
176	Contemporary Trade Directory Entries Name: Outwood Grinding Co Location: 108, Ringley Road West, Radcliffe, Manchester, M26 1DE Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	299	-	377652 405671
177	Contemporary Trade Directory Entries Name: S F Car Repair Co Ltd Location: 100, Ringley Road West, Radcliffe, Manchester, M26 1DN Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	559	-	377923 405752
178	Contemporary Trade Directory Entries Name: S F Mobile Valeting Location: 11, Chestnut Grove, Radcliffe, MANCHESTER, M26 1DQ Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	673	-	378035 405817
179	Contemporary Trade Directory Entries Name: Jaguar Breakers Ltd Location: Mount Sion Rd, Radcliffe, Manchester, Lancashire, M26 3SJ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	758	-	377350 406539
180	Contemporary Trade Directory Entries Name: Radcliffe Car Breakers Location: Sion Street, Radcliffe, Manchester, M26 3SB Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	883	-	377569 406634
180	Contemporary Trade Directory Entries Name: F G E Distribution Location: Unit 1, Mount Sion Rd, Radcliffe, Manchester, Lancashire, M26 3SJ Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	898	-	377565 406650
181	Contemporary Trade Directory Entries Name: V A S S North West Ltd Location: Mount Sion Road, Radcliffe, Manchester, M26 3SJ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	894	-	377616 406631
181	Contemporary Trade Directory Entries Name: Radcliffe Breakers Location: Nursery Works, Mount Sion Road, Radcliffe, M26 3SJ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	905	-	377599 406648
181	Contemporary Trade Directory Entries Name: A & S Motors Location: Garage, Nursery Works, Mount Sion Road, Radcliffe, M26 3SJ Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	905	-	377599 406648
181	Contemporary Trade Directory Entries Name: Building Chemical Research Location: Mount Sion Road, Radcliffe, Manchester, M26 3SJ Classification: Chemicals - Distributors & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	927	-	377621 406664

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
181	Contemporary Trade Directory Entries Name: Building Chemical Research Location: Mount Sion Road, Radcliffe, Manchester, Greater Manchester, M26 3SJ Classification: Chemical Manufacturers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	936	-	377598 406681
182	Contemporary Trade Directory Entries Name: G & G Products Ltd Location: Sunnybank Mill, Cams Lane, Radcliffe, Manchester, M26 3SW Classification: Plastics - Vacuum Forming Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	934	-	377372 406715
183	Contemporary Trade Directory Entries Name: I T A C Adhesives Location: Bankfield Mills, Bankfield Street, Radcliffe, Manchester, M26 1AS Classification: Adhesives, Glues & Sealants Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	957	-	376589 405139
184	Contemporary Trade Directory Entries Name: K Door Aluminium Ltd Location: Mount Sion Road, Radcliffe, Manchester, M26 3SJ Classification: Aluminium Fabricators Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18NE (N)	998	-	377668 406724
184	Contemporary Trade Directory Entries Name: Decramace Ltd Location: Mount Sion Road, Radcliffe, Manchester, M26 3SJ Classification: Plaster Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18NE (N)	998	-	377668 406724
185	Points of Interest - Commercial Services Name: S F Car Repair Co Ltd Location: 100 Ringley Road West, Radcliffe, M26 1DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (E)	559	8	377923 405752
186	Points of Interest - Commercial Services Name: Muliserve Location: 346 Ringley Road, Radcliffe, Manchester, M26 1EP Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12SE (W)	594	8	376729 405694
187	Points of Interest - Commercial Services Name: Muliserve Location: 346 Ringley Road, Radcliffe, Manchester, M26 1EP Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12SW (W)	730	8	376616 405567
188	Points of Interest - Commercial Services Name: Showroom Detailing Location: 20 Chapeltown Road, Radcliffe, M26 1YF Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NE (E)	758	8	378118 405836
189	Points of Interest - Commercial Services Name: Sf Car Repair Co Location: 70 Ringley Road West, Radcliffe, Manchester, M26 1DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	827	8	378191 405770
190	Points of Interest - Commercial Services Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	857	8	377621 406590
190	Points of Interest - Commercial Services Name: Scrap Yard Location: M26 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	861	8	377623 406594

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	Points of Interest - Commercial Services Name: Radcliffe Car Breakers Location: Sion Street, Radcliffe, Manchester, M26 3SB Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	882	8	377569 406633
190	Points of Interest - Commercial Services Name: Radcliffe Motor Bodies Location: Nursery Works, Mount Sion Road, Radcliffe, M26 3SJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	887	8	377581 406634
190	Points of Interest - Commercial Services Name: Radcliffe Breakers Location: Garage Nursery Works, Mount Sion Road, Radcliffe, M26 3SJ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	904	8	377598 406647
191	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	A13SE (E)	280	8	377636 405681
191	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	285	8	377641 405682
192	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	511	8	376855 405968
193	Points of Interest - Manufacturing and Production Name: Shaft (Disused) Location: M26 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A7NE (SW)	814	8	376851 405089
193	Points of Interest - Manufacturing and Production Name: Shaft (Disused) Location: M26 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	820	8	376843 405088
194	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	A18NE (N)	908	8	377606 406649
194	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	908	8	377606 406649
195	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	987	8	377405 406766
195	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	A18NE (N)	988	8	377410 406767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	Points of Interest - Public Infrastructure Name: Bradley Fold Travel Ltd Location: 361 Ringley Road West, Radcliffe, M26 1EA Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A12SE (W)	385	8	376935 405753
197	Points of Interest - Public Infrastructure Name: Weir Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	567	8	377437 406340
197	Points of Interest - Public Infrastructure Name: Weir Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	568	8	377438 406340
197	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	594	8	377451 406365
197	Points of Interest - Public Infrastructure Name: Sluices Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	596	8	377460 406365
197	Points of Interest - Public Infrastructure Name: Sluices Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	597	8	377460 406366
198	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	689	8	377391 406468
198	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	689	8	377392 406468
198	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	729	8	377369 406510
199	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	732	8	377116 406480
199	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	732	8	377116 406480
200	Points of Interest - Public Infrastructure Name: Weir Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	775	8	376995 406478

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
200	Points of Interest - Public Infrastructure Name: Weir Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	775	8	376995 406478
201	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	926	8	376877 406586
201	Points of Interest - Public Infrastructure Name: Weir Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	938	8	376822 406567
201	Points of Interest - Public Infrastructure Name: Weir Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	940	8	376819 406567
201	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	954	8	376878 406619
201	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	954	8	376878 406619
201	Points of Interest - Public Infrastructure Name: Sluices Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	990	8	376829 406633
201	Points of Interest - Public Infrastructure Name: Sluices Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	993	8	376824 406633
202	Points of Interest - Public Infrastructure Name: Sewage Works Location: M26 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	964	8	376858 404904
202	Points of Interest - Public Infrastructure Name: Sewage Works Location: M26 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	968	8	376771 404957

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	Ancient Woodland Name: Ringley Wood Reference: 1105565 Area(m ²): 45815.34 Type: Ancient and Semi-Natural Woodland	A8NW (S)	666	9	377104 405115
204	Ancient Woodland Name: Not Supplied Reference: 1415951 Area(m ²): 64784.48 Type: Ancient and Semi-Natural Woodland	A8SE (S)	786	9	377350 404948
205	Ancient Woodland Name: Lower Heaps Wood Reference: 1105567 Area(m ²): 25458.43 Type: Ancient and Semi-Natural Woodland	A9SW (SE)	826	9	377781 405032
206	Ancient Woodland Name: Nuttall Wood Reference: 1105569 Area(m ²): 50096.26 Type: Ancient and Semi-Natural Woodland	A14SE (E)	915	9	378238 405479
207	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A13SW (SW)	0	5	377342 405758
208	Areas of Adopted Green Belt Authority: Bolton Metropolitan Borough Council Plan Name: Allocations Status: Adopted Plan Date: 3rd December 2014	A13SW (SW)	205	6	377207 405584
209	Nitrate Vulnerable Zones Name: Irwell / Man. Ship Canal (Kearsley To Irlam Locks) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (SE)	212	2	377450 405550

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bolton Metropolitan Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Environment Agency - Head Office Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department	January 2016 July 2025 November 2023 November 2025 October 2017 October 2025	Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annually
Discharge Consents Environment Agency - North West Region	July 2025	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	
Integrated Pollution Controls Environment Agency - North West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North West Region	April 2025	Bi-Annually
Local Authority Integrated Pollution Prevention And Control Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 July 2014 September 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2020 February 2015 July 2014 July 2014 September 2014	Annual Rolling Update Not Applicable Annual Rolling Update Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 July 2014 March 2015 September 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2025	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	
Historical Prosecutions Environment Agency, North West Region	March 2013	Not Applicable
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - North West Region	May 2023 May 2023	
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	July 2025	Quarterly
Water Abstractions Environment Agency - North West Region	July 2025	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	August 2025	Bi-Annually
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
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	June 2025	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	October 2025	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
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	April 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 - South Area	July 2025	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	April 2025	Bi-Annually
Local Authority Landfill Coverage Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City 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 Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	June 2025	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Bolton Metropolitan Borough Council - Planning Department Bury Metropolitan Borough Council Manchester City Council - Planning Department Salford City Council Rochdale Metropolitan Borough Council	February 2016 February 2016 February 2016 June 2016 May 2023	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Manchester City Council - Planning Department Rochdale Metropolitan Borough Council Bury Metropolitan Borough Council Bolton Metropolitan Borough Council - Planning Department Salford City Council	August 2022 August 2022 February 2016 July 2022 June 2016	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	April 2025	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	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	September 2025	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	August 2025	Quarterly
Points of Interest - Commercial Services PointX	September 2025	Quarterly
Points of Interest - Education and Health PointX	September 2025	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2025	Quarterly
Points of Interest - Public Infrastructure PointX	September 2025	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2025	Quarterly
Underground Electrical Cables National Grid	January 2024	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	September 2025	Bi-Annually
Areas of Adopted Green Belt Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council Rochdale Metropolitan Borough Council Salford City Council	July 2025 July 2025 July 2025 July 2025 July 2025	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council Rochdale Metropolitan Borough Council Salford City Council	July 2025 July 2025 July 2025 July 2025 July 2025	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2025	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2025	Bi-Annually
Marine Nature Reserves Natural England	August 2025	Bi-Annually
National Nature Reserves Natural England	July 2025	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 November 2025	Annually
Ramsar Sites Natural England	August 2025	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2025	Bi-Annually
Special Areas of Conservation Natural England	July 2025	Bi-Annually
Special Protection Areas Natural England	November 2025	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 SCIENCE INFORMATION SERVICE
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL SCIENCE INFORMATION SERVICE
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

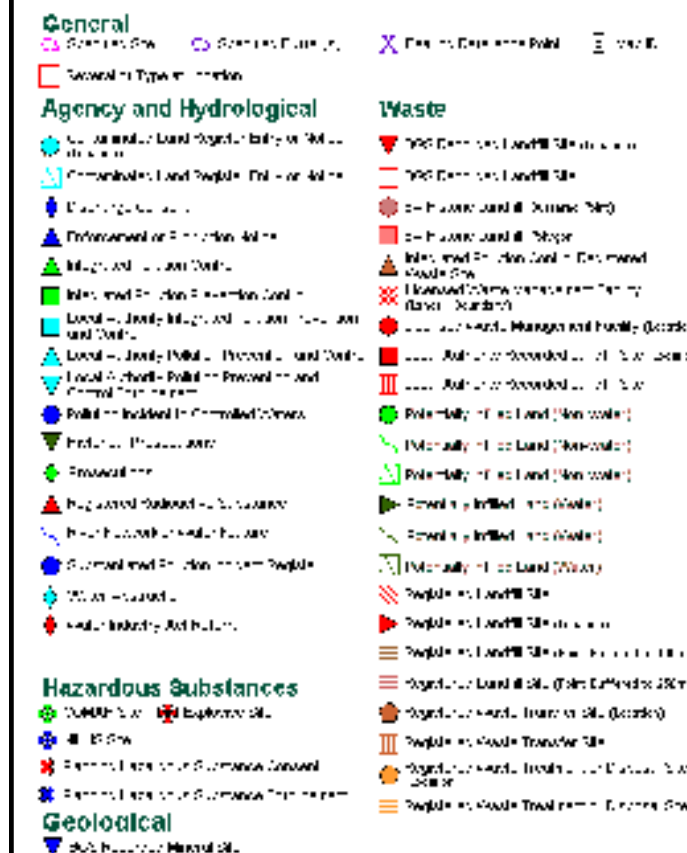
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Bolton Metropolitan Borough Council - Environmental Health Department Weston House, Weston Street, Bolton, Lancashire, BL3 2AR	Telephone: 01204 336500 Fax: 01204 336599 Website: www.bolton.gov.uk
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
5	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
6	Bolton Metropolitan Borough Council Town Hall, The Wellsprings, Bolton, Lancashire, BL1 1US	Telephone: 01204 522311 Fax: 01204 392808 Website: www.bolton.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	Salford City Council Crompton House, 100 Chorley Road, Swinton, Manchester, Greater Manchester, M27 2AD	Telephone: 0161 794 4711 Fax: 0161 727 7162 Website: www.salford.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.



Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Plot Buffer (m): 100

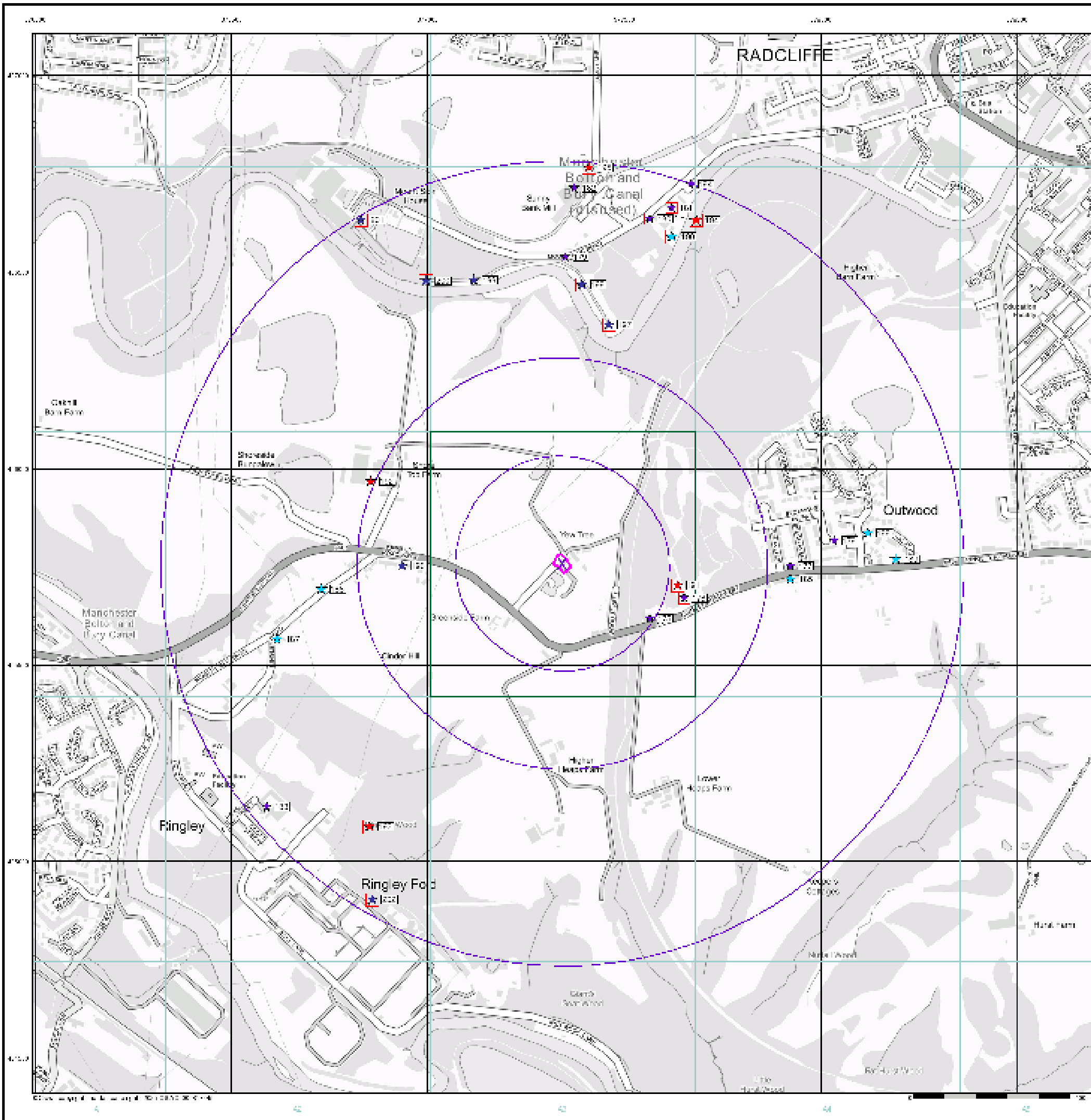
Yew Tree Farm, Ringley Road West, Radcliffe, Manchester,
M26 1EB



Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester,
M26 1EB

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



LK CONSULT Industrial Land Use Map

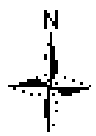
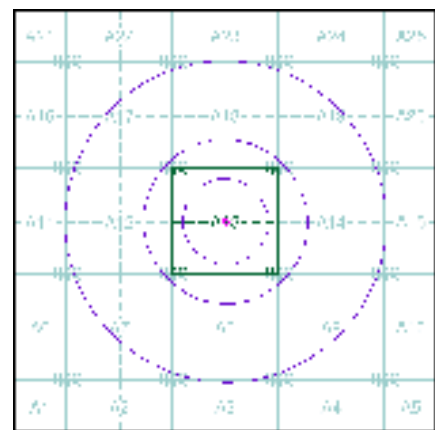
General

-  Acquisition
-  Specified Boundary
-  Bearing Reference Point
-  Site
-  Map ID

Industrial Land Use

-  Coalmine - Trade Wreck - Fill -
-  Fuel Oil - Fill -
-  Points of Interest - Commercial Services
-  Points of Interest - Education and Health
-  Points of Interest - Manufacturing and Production
-  Points of Interest - Public and Leisure
-  Points of Interest - Recreational and Therapeutic
-  Underground Technical Cables

Industrial Land Use Map - Slice A



Order Details

Order Number: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester,
 M26 1EB

Landmark
 INFORMATION GROUP

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

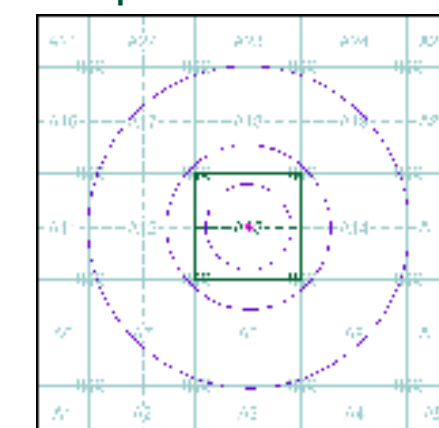
General

- Study Area
- Search Buffer
- Exclusion Buffer

Agency and Hydrological (Flood)

- Flooded Floodplain (Flooded Floodplain - Flooded Floodplain)
- Flooded Floodplain (Flooded Floodplain - Flooded Floodplain)
- Area Requiring Flood Defence
- Flooded Floodplain (Flooded Floodplain - Flooded Floodplain)
- Flooded Floodplain (Flooded Floodplain - Flooded Floodplain)

Flood Map - Slice A



Order Details

Order Number: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

General

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

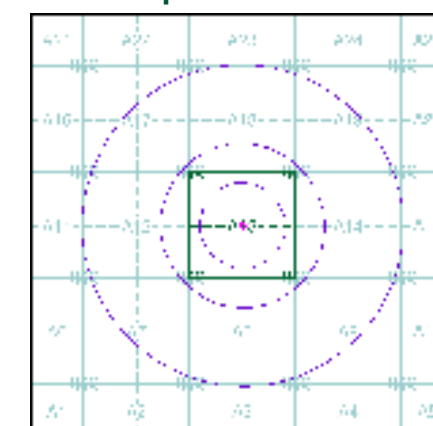
Agency and Hydrological (Boreholes)

-  Borehole (Environment Agency)
-  Borehole (Environment Agency)
-  Borehole (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: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

General

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

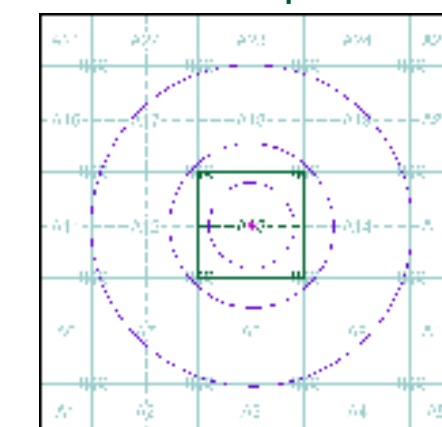
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Forestream | Lake |
| Moor | Transfer |
| Tidal River | Lock Or Flight Off take |
| Inland River | Sea |

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

Order Number: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

General

- Study Area
- Search Buffer
- Excluded Features

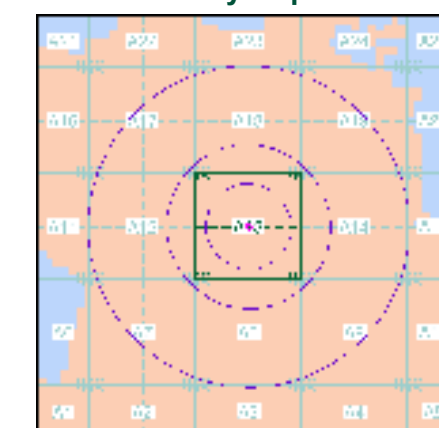
Risk of Flooding from Surface Water

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

Suitability

- Overall Suitability Map Legend
- Highly Suitable
- Medium Suitable
- Low Suitable
- Unsuitable
- Excluded Features
- Excluded Features

EANRW Suitability Map - Slice A



Order Details

Order Number: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



LK CONSULT

WFD Surface Waters Map

General

- Location ID: Elected Buffer ID: Elected Buffer Point:
Slice: Ward ID:

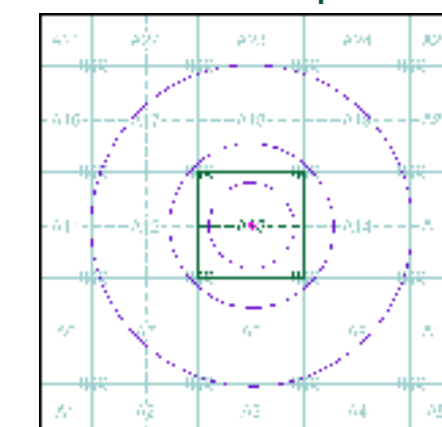
Water Framework Directive - Surface Water Quality

- High
 Good
 Moderate
 Poor
 High Risk

Contours (Height in meters)

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

WFD Surface Waters Map - Slice A



Order Details

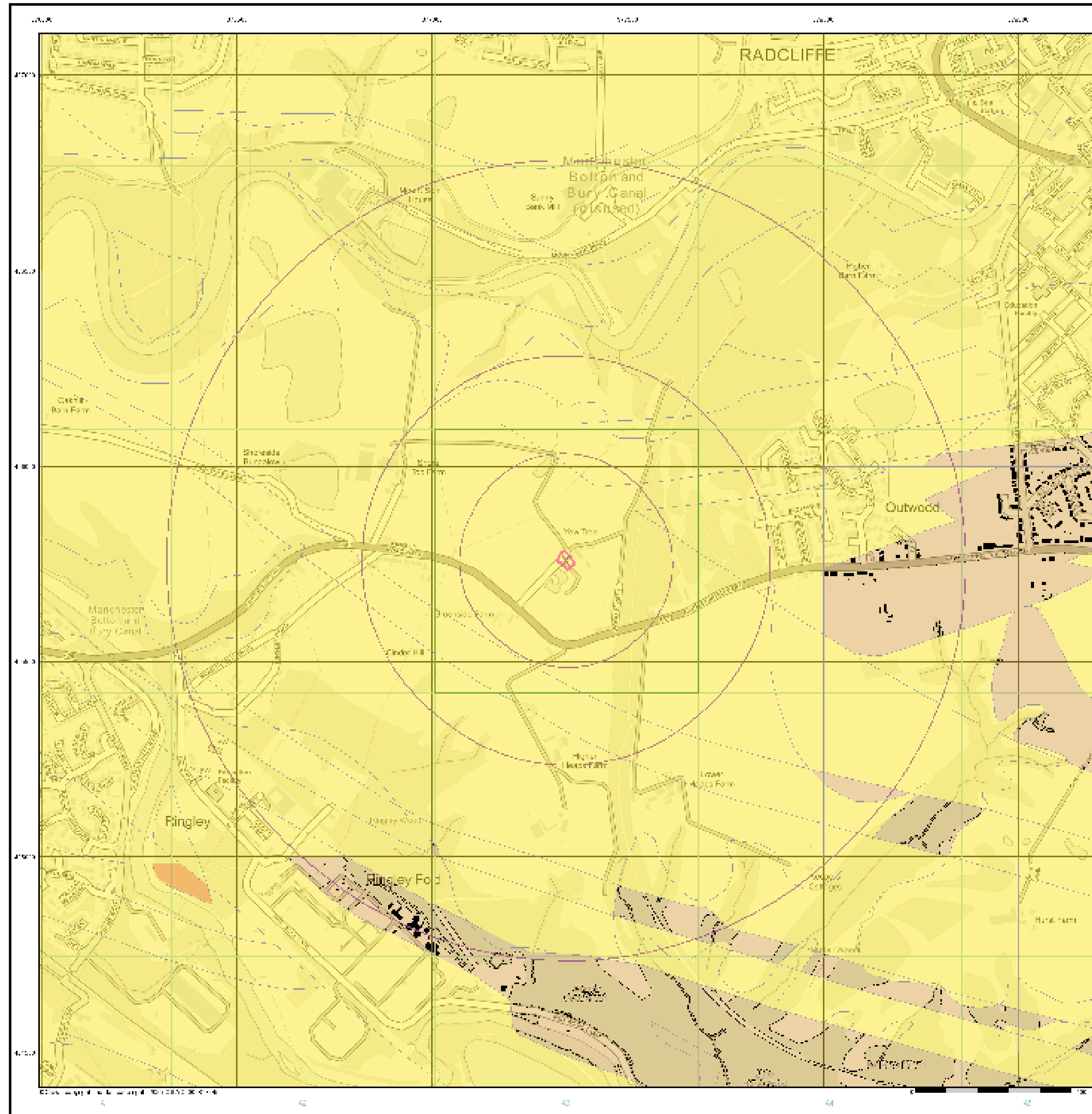
Order Number: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

Landmark
INFORMATION GROUP

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

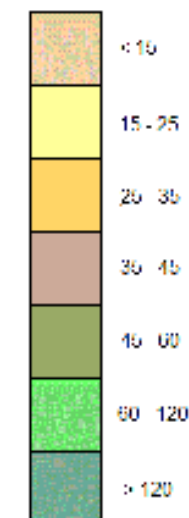


General

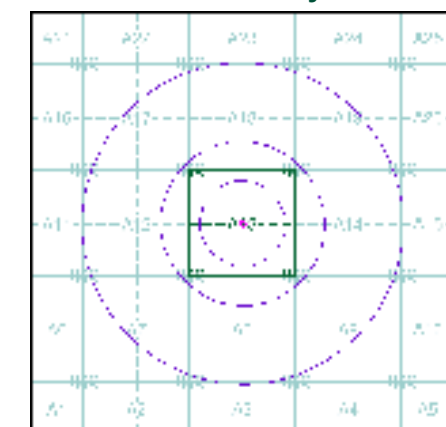
Aspen Soil (S) Yew Tree Farm (S) Touring Reference (S)

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

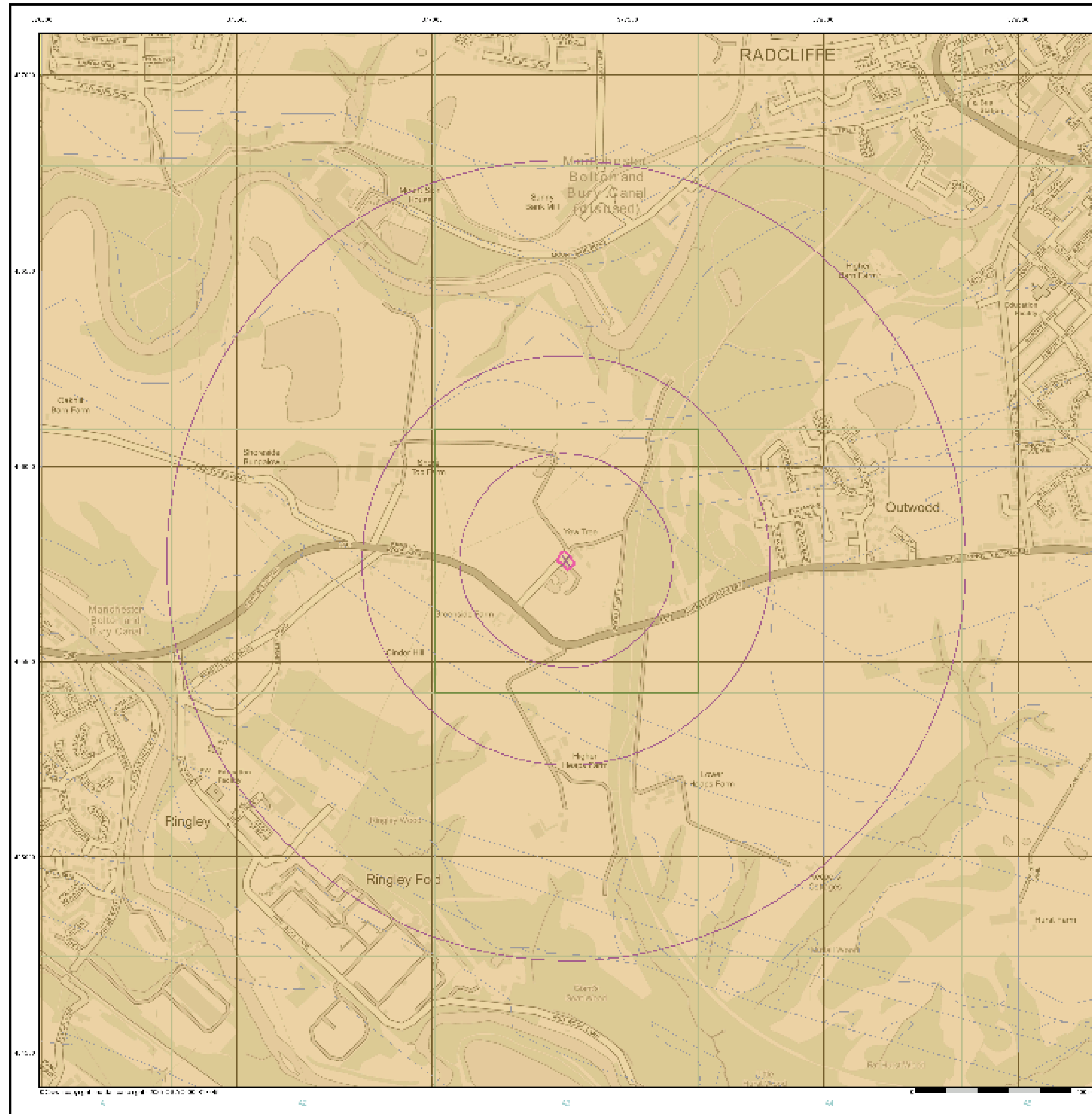
Order Details: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



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

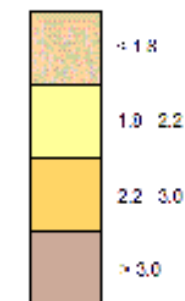


General

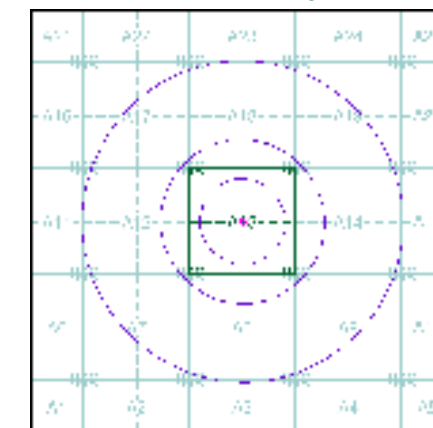
Legend: ◆ Specified site, ○ Specified search buffer, X Showing the nearest...

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB



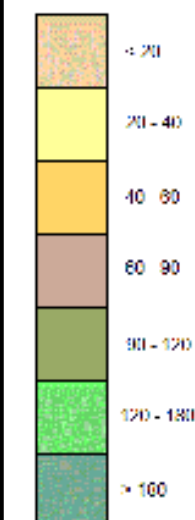
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

General

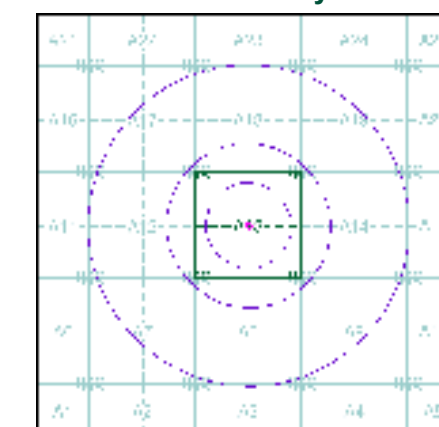
X Specified site
 X Specified site buffer
 X Final site boundary

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

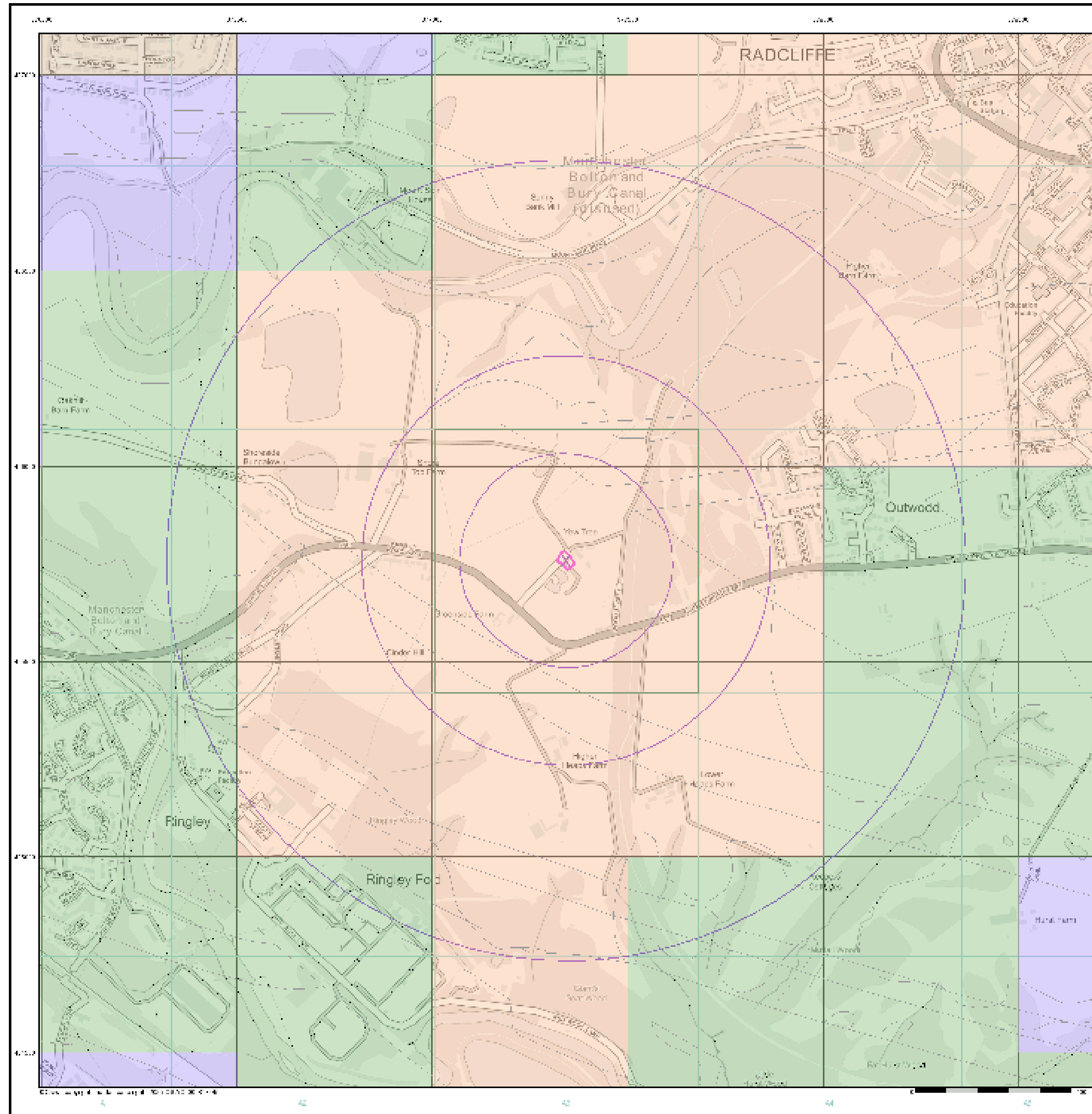


Order Details

Order Details: 391427302_1_1
 Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
 National Grid Reference: 377340, 405760
 Slice: A
 Site Area (Ha): 0.12
 Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

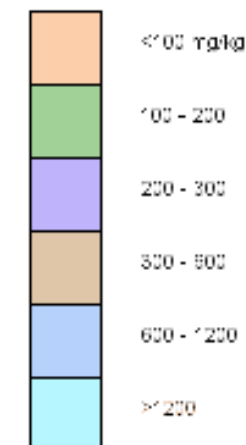


General

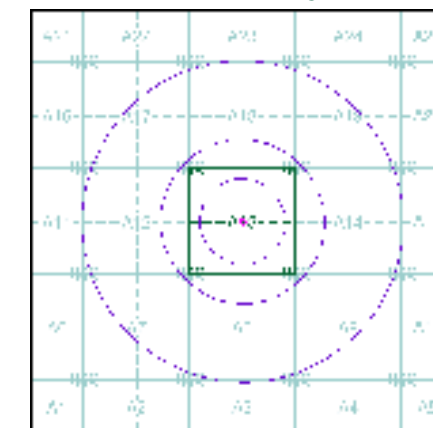
Specified Site Specified Parameter Being plotted

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

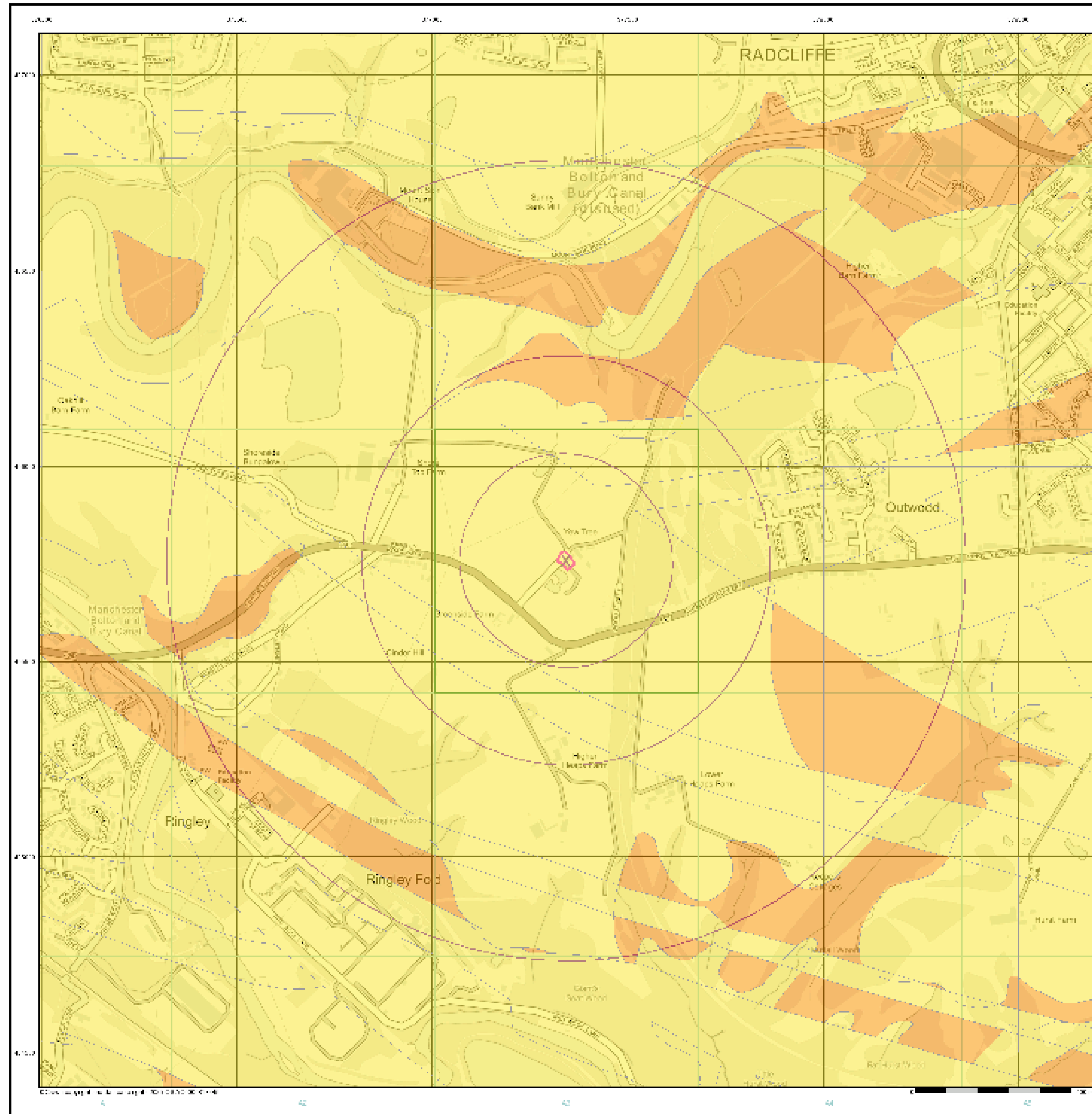


Order Details

Order Details: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester,
M26 1EB

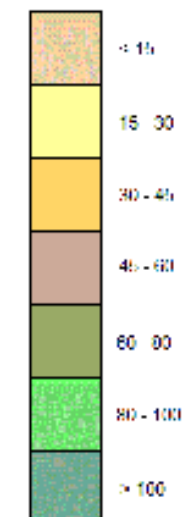


General

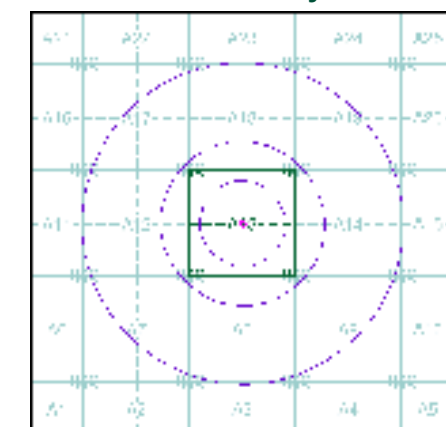
 Study Area  Search Buffer (m)  Change the colour of the map

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 391427302_1_1
Customer Ref: LKC251735 Yew Tree Farm, Radcliffe
National Grid Reference: 377340, 405760
Slice: A
Site Area (Ha): 0.12
Search Buffer (m): 1000

Site Details

Yew Tree Farm, Ringley Road West, Radcliffe, Manchester, M26 1EB

Appendix C – Zetica UXO Unexploded Bomb Risk Map

UNEXPLODED BOMB RISK MAP



SITE LOCATION

Location: M26 1EB,
Map Centre: 377375,405774



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.

- Military**
- Industry**
- UXO find**
- Other**
- Transport**
- Docks**
- Luftwaffe targets**
- Utilities**
- Bombing decoy**
- Airfields**

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?

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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](#).

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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 552¹⁶. 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".
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- ⁷ CIRIA, January 2001, "Contaminated land risk assessment. A guide to good practice", C552.
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- ¹¹ The British Standards Institution (BSI), December 2017, "Investigation of potentially contaminated sites. Code of practice - Code of practice", BS 10175:2011+A2:2017.
- ¹² The British Standards Institution (BSI), May 2020, "Code of practice for ground investigations", BS 5930:2015+A1:2020.
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- ¹⁴ CL:AIRE, November 2012, "A Pragmatic Approach to Ground Gas Risk Assessment", RB 17.
- ¹⁵ The British Standards Institution (BSI), January 2019, "Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings", BS 8485:2015+A1:2019.
- ¹⁶ CIRIA, January 2001, "Contaminated land risk assessment. A guide to good practice", C552.

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