



adeptus
ENVIRONMENTAL

LAND CONTAMINATION PHASE 1 DESK STUDY

ASHLEY BUSINESS CENTRE

PRESCOT

L34 5RR

On behalf of:

Rent A Space (Prescot) Ltd

Report No.: A240902-R01

Date: October 2024

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Document Control Record

Report Title: Land Contamination Phase 1 Desk Study

Project: Ashley Business Centre

Location: Prescot, L34 5RR

Client: Rent A Space (Prescot) Ltd

Report No.: A240902-R01

Issue: A

Status: For comment

Comments: -

Written by: D. Fisher

Checked by: N. Dixon

Control Date: October 2024

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1. INTRODUCTION

1.1 Background & Objectives

Adeptus was appointed to undertake a Land Contamination Phase 1 Desk Study on behalf of Rent A Space (Prescot) Ltd, in support of a planning application for development at the site known as Ashley Business Centre (the study site). The report is required to assess the potential for significant contamination affecting the site and ensure suitability for the proposed use.

The objectives of the desk study are to:

- Review past land use on and in proximity to the study site
- Assess the likelihood of contamination, as well as its potential nature and extent
- Evaluate the site geological, environmental and land use setting
- Develop an initial conceptual site model
- Undertake a preliminary risk assessment in line with LCRM guidance
- Determine whether further investigation is required

1.2 Regulatory Framework

Land contamination is a material consideration under the National Planning Policy Framework (2012). This means that local authorities must take the potential or actual presence of contamination into account when considering planning applications.

“Contamination” is defined in BS 10175:2011 as:

presence of a substance or agent, as a result of human activity, in, on or under land, which has the potential to cause harm or to cause pollution.

1.3 Supporting Information

At the time of writing, no third-party reports have been made available to Adeptus.

A site plan is included as Appendix A.

Other sources of information utilised in producing this report are listed as Appendix B.

2. SITE CONTEXT

This section provides a review of the land use on and in the vicinity of the Site, with the purpose of identifying potentially significant current features and environmental constraints.

2.1 Location and Proposals

Table 2-1: Site Particulars

Location	The site is situated west of the A57 in a mixed residential and commercial area.
Area & Coordinates	0.24ha 347032 392693 (centred on, approx.)
Development Proposals	Installation of 120m2 floor slab in connection with the main planning application.



Figure 2-1: Site Location

2.2 Site Reconnaissance

A site walkover was not commissioned by the client. Limited reconnaissance of the site was therefore undertaken via satellite imagery, and the findings are summarised in table below.

Table 2-2: Site Reconnaissance Notes

	Notes
Current/Recent Land Use	On-site: The business centre comprises five light industrial units with external space and parking laid to tarmac hardstandings. Businesses on site include a motor repairs garage and a compliance consultant.
	North: Small yard under commercial use.
	East: Dwellings beyond Warrington Road.
	South: Dwellings with gardens.
	West: Mid-20 th century industrial units, with dwellings to their south.
Topography	Appears to be flat and level.
Ground Cover Proportions On-site	Buildings: 30%
	Hardstanding: 70%
	Soft Landscaping: -
Fuel and/or Chemical Storage	None apparent from satellite imagery.
Asbestos Containing Material (ACM)	None apparent from satellite imagery. The structures on site are relatively modern and unlikely to contain ACM.
Off Site Potential Contaminant Sources	The unsurfaced yard to the north appears to be under commercial use, although no specific activities or sources have been identified.
General Comments	The units to the west appear to be under commercial use, although no specific activities or sources have been identified.

3. PAST LAND USE

3.1 Historical Development

Historical Ordnance (OS) Survey map extracts have been examined to provide a summary of significant land use on and in proximity to the site, including industrial features within 100m and potential landfills within 250m.

Where available, more recent aerial photographs have also been reviewed for evidence of relevant land use.

Potentially significant features are noted in the table below. Where more than one instance of the same use occurs in the same direction, only the closest has been described.

Table 3-1: Historical Development Summary

On-site Source or Feature	Map Years Noted		Description
	First	Last	
Pottery	1852	1852	A pottery occupies the site, with the mill extending north beyond the site, and windmill labelled on site. However, by 1893 the study site has been redeveloped with housing.
Depot	1984	1989	The depot comprises a large building at the SW of the site south of East St. The northern part of the site appears vacant with some dwellings remaining at the east.
Units 1-5	1989	Today	By 1989 site appears to have the same general layout as today.

Off-site Source – Distance & Direction	Map Years Noted		Description
	First	Last	
Works – N	1852	Today	The works comprises several apparent industrial features labelled Sun Pans. By 1893 only a small building remains
Works - W	1893	Today	Several unspecified industrial buildings are depicted, but their use is unknown. These are labelled File Manufactory from 1954, and Works from 1962. Several newer buildings extending southward appear to belong to the works.
Watch Factory/Printing Works – 90m NE	1893	1984	The large watch factory is labelled Printing Works by 1927, and by 1937 is extended to the north, and by 1954 again to the east. By 1984 the works is labelled Trade Centre, indicating possible subdivision as commercial units. The later OS maps do not cover this area.
Depot/Factory	1955	1984	The depot sits within a large yard with a works building also at its eastern edge. By 1972 the depot building is replaced by a large factory building occupying most of the yad space. By 1984 the building is labelled Depot again, before replaced by the current units by 1989.

Electricity Substation - 67m SE	1954	Today	The unit appears south of dwellings at Derby Square.
Electricity Substation - 36m W	1975	Today	The unit is situated in the works to the west at Houghton St.
Garage - 25m SW	1984	2003	The garage sits between two of the earlier works buildings and remains on the latest OS map.

3.2 Landfill & Waste Sites

Landfills and other potentially significant waste sites identified within 250m of the site are reviewed in table below.

Table 3-2: Data on Landfill & Waste Sites

Records	Details & Significance
- Active or recently closed landfills: 0 - BGS/DOE historical landfills: 0 - Local Authority/OS) historical landfill: 0 - EA/NRW historical landfills: 0 - EA/NRW current/recent landfills: 0 - Historical permissioned waste sites: 0 - Active or recently waste sites: 0 - Waste exemptions: 4	<i>There are no significant records within the search distance.</i> <u>Waste Exemptions</u> The exemptions are for small scale waste storage and not considered significant.

3.3 Industrial Features & Records

Industrial features indicating an increased likelihood of the presence of contamination, pollution incidents, and sites determined as contaminated land by a statutory authority, within 100m, are reviewed in table below.

Table 3-3: Industrial Data

Records	Details & Significance
- Current industrial sites: 10 - Current or recent petrol stations: 0 - Electricity cables: 0 - Gas pipelines: 0 - Sites determined as Contaminated Land: 0 - COMAH Sites: 0 - Regulated explosive sites: 0	<u>Industrial sites</u> The 10 records generally comprise the features identified in 2.2 and 3.1, such as garages and works.

- Hazardous substance storage: 0
- Integrated Pollution Control (IPC) records: 0
- Part A(1) permitted installations: 0
- Licensed pollutant releases (Part A(2)/B): 0
- Radioactive substance authorisations: 0
- Licensed discharges to controlled waters: 0
- Pollutant discharge to surface waters: 0
- Pollutant release to public sewer: 0
- List 1/2 dangerous substances discharge: 0
- Pollution incidents: 0
- Pollution inventory reporting: 0

4. ENVIRONMENTAL SETTING

The site's environmental and geological setting are reviewed characterise probable pathways and receptors, as well as identify relevant contaminant sources.

4.1 Geology & Geohazards

Published Geology

Data held by the British Geological Survey (BGS) indicate the site is underlain by the geological sequence summarised in the table below.

Table 4-1: Summary of Published Geology

Geological Unit	Description	Composition	Location
• Superficial/Drift:	Till, Devensian	Diamicton	On site
• Bedrock/Solid:	Pennine Lower Coal Measures Formation	Sandstone	On site

Geohazards

Potential health and environmental hazards relating to recorded or unrecorded mine workings, artificial ground and permanent gases are reviewed in the table below.

Table 4-2: Environmental Geohazards

Potential Geohazard	Details & Significance
• Coal Mining Legacy	The site is located within the Development Low Risk Area, as defined by the Coal Authority.

• Infilled or Made Ground	Demolition of previous structures on and adjacent to the site is a potential source of Made Ground.
• Ground Gas Potential	The natural geological strata identified above not considered a significant source of permanent ground gases such as methane or carbon dioxide. Made Ground is likely to be limited in depth to that of typical foundations (0.6m to 1.2m) and is therefore not considered a potential source of ground gases.

4.2 Controlled Waters

4.2.1 Groundwater

Designated groundwater aquifers underlying the site are reviewed in the table below, along with any licenced abstractions and source protection zones.

Table 4-3: Aquifers, Abstractions & Protection Zones

Records		Details & Significance
• Superficial Aquifer:	Secondary Undifferentiated	Assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.'
• Bedrock Aquifer:	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.
• Groundwater Abstractions Licenses: 0 • Surface Water Abstractions Licenses: 0 • Potable Water Abstractions Licenses: 0 • The site is not within a SPZ		-

4.2.2 Surface Waters

Local surface water features and flood risk zones are reviewed in the table below.

Table 4-4: Surface Waters & Flood Risk Zones

Surface Waters	Details & Significance
• None within 250m	There are no watercourses mapped within 250m of the study site.
• The site is in Flood Zone 1	Very low risk of flooding, with an annual probability according to the EA/NRW of less than 0.1%.

4.3 Protected Sites

4.3.1 Designated Environmental & Heritage Sites

Statutory protected environmental and heritage sites within 250m are reviewed in the table below.

Table 4-5: Statutory Protected Sites

Feature	Details & Significance
- Ramsar sites: 0 - Special Areas of Conservation (SAC): 0 - Special Protection Areas (SPA): 0 - National Nature Reserves (NNR): 0 - Local Nature Reserves (LNR): 0 - Designated Ancient Woodland: 0 - World Heritage Sites: 0 - Listed Buildings: 0	There are no further significant features within the search distance.

5 INITIAL CONCEPTUAL SITE MODEL

For a conceptual risk of harm to human health or the environment to exist within the context of LCRM, all of the following elements must be present:

- a source – i.e., a substance (contaminant(s)) that is capable of causing pollution or adverse health effects;
- a receptor - i.e., something which could be adversely affected by the source; and
- a pathway – i.e., a route by which the contaminant could come into contact with, or affect, the receptor.

Information on these three elements is used to form an initial conceptual site model (CSM) and identify potentially significant contaminant linkages.

5.1 Pollutant Linkage Assessment

Based on the information presented in sections 2 and 3, the following potential sources, receptors and relevant pathways for exposure are identified in relation to the development.

5.1.1 Potential Sources of Contamination

The site and local area have been subject to extensive industrial use dating back to the mid-19th century, which may have given rise to contamination on site or capable of affecting the site. Additionally, demolition of previous structures on the site is likely to have led to Made Ground underlying some areas.

Potential contaminants include metals/metalloids, PAHs, petroleum hydrocarbons, VOCs, asbestos.

2.1.1 Potential Receptors

Potential receptors relevant to the documented history, potential sources, site-setting and proposed use include:

- **Human Health:** commercial end users; nearby land users; construction workers
- **Controlled Waters:** underlying aquifers
- **Property** in the form of buildings and structures

2.1.2 Potential Pathways

The primary pathways relevant to the identified potential sources and receptors are:

- **Dermal contact**
- **Ingestion**
- **Inhalation**
- **Direct contact/ chemical attack**
- **Leaching/migration via unsaturated zone**
- **Leaching/migration via runoff or infrastructure**
- **Vapour migration and accumulation; subsequent inhalation**

Next page -

5.2 Preliminary Risk Assessment

Qualitative assessment of the risks posed by the potentially significant pollutant linkages identified in Section 5.1 is summarised in the table below. Risk classification is a function of the severity of a potential environmental or health effect, and the likelihood or frequency of its occurrence.

Table 5-3. Preliminary Risk Assessment

Source	Pathway	Receptor	Consequence	Likelihood	Classification*	Rationale
Organic and inorganic contaminants potentially present in soils and/or made ground	Dermal contact, ingestion, particulate inhalation	Nearby site occupants & users (from on-Site sources)	Medium	Unlikely	Low Risk	Although unlikely, there is the possibility of an elevated short-term risk to construction workers and off-site receptors, from particulates liberated during excavation/construction. However, construction works are subject to separate regulation requiring safe systems of work, which may include measures such as dust suppression, as set out in approved RAMS.
		Commercial end users	Medium	Unlikely	Low Risk	In respect of the completed development, coverage of the site by the building and paved external areas precludes direct contact with any contaminated media, or liberation of particulates should they be present in soil. Additionally, the proposed commercial use is of only moderate sensitivity. However, given the nature of previous site use, relatively high levels of contamination could remain in soft landscaped areas of not managed correctly.
	Migration of vapours via strata, structures or services; subsequent inhalation	Commercial end users	Medium	Unlikely	Low Risk	No suspected sources of volatile contaminants, such as tanks, have been directly identified in close proximity to the site, although given the site history a source cannot be ruled out. However, it is also likely that any historical near surface sources would have been significantly attenuated by natural processes over time, including volatilisation and microbial degradation.
	Diffusion through plastic water supply pipes	Water supply pipes	Medium	Unlikely	Low Risk	Water supply pipes are unlikely to be sited in media containing contaminants capable of permeating standard polyethylene pipes.

	Leaching and/or migration via unsaturated zone	Groundwater	Medium	Unlikely	Low Risk	Bedrock and superficial strata underlying the site are both designated secondary aquifers. There are no abstractions within 500m and the site is not in an SPZ. Mapped surface water features are at significant distance. Any Made Ground is likely to be the main source of leachable contaminants, subject to its nature and thickness. However, the wider area is likely to be affected by groundwater derogation, and the site is unlikely to be the principal source locally. Additionally, full coverage with hardstandings significantly reduces the degree of surface water infiltration, which reduces the potential for significant migration.
Aggressive ground (e.g. sulphate; pH)	Direct contact/chemical attack	Buildings/services	Mild	Low Likelihood	Low Risk	There is no evidence of conditions aggressive to concrete.
Asbestos containing materials (ACM)	Release of asbestos fibres; subsequent inhalation	Site occupants & users	Medium	Unlikely	Low Risk	The likelihood of ACM contamination will largely depend on the nature of any of Made Ground material present in the area proposed for excavation. In respect of the completed development, coverage with hardstandings precludes the liberation of ACMs should they be present in soil. If ACM is present, construction groundworks are likely to liberate/damage these and increase fibre release. However, construction works are subject to separate regulation requiring safe systems of work, with any risk e.g., to site operatives mitigated through the use of PPE.
		Construction workers	Medium	Unlikely	Low Risk	

**in the absence of mitigation or remedial measures*

6 CONCLUSIONS

6.1 Risk Assessment Summary

Adeptus was appointed to undertake a Land Contamination Phase 1 Desk Study on behalf of Rent A Space (Prescot) Ltd, in support of a planning application for development at the site known as Ashley Business Centre (the study site). The report is required to assess the potential for significant contamination affecting the site and ensure suitability for the proposed use.

The site and local area have been subject to extensive industrial use dating back to the mid-19th century, which may have given rise to contamination on site or capable of affecting the site. Additionally, demolition of previous structures on the site is likely to have led to Made Ground underlying some areas. Potential contaminants include metals/metalloids, PAHs, petroleum hydrocarbons, VOCs, asbestos.

However, in respect of the completed development, coverage of the site by the building and paved external areas precludes direct contact with any contaminated media, or liberation of particulates should they be present in soil.

Additionally, the proposed commercial use is of only moderate sensitivity. However, given the nature of previous site use, relatively high levels of contamination could remain in soft landscaped areas if not managed correctly.

If ACM is present in Made Ground, groundworks are likely to liberate/damage these and increase fiber release. However, construction works are subject to separate regulation requiring safe systems of work, with any risk e.g., to site operatives mitigated through the use of PPE.

Bedrock and superficial strata underlying the site are both designated secondary aquifers. There are no abstractions within 500m and the site is not in an SPZ. Mapped surface water features are at significant distance.

Any Made Ground is likely to be the main source of leachable contaminants, subject to its nature and thickness. However, the wider area is likely to be affected by groundwater derogation, and the site is unlikely to be the principal source locally. Additionally, full coverage with hardstandings significantly reduces the degree of surface water infiltration, which reduces the potential for significant migration.

Overall, Adeptus considers risk to human health and the environment to be low.

N.B.: This summary forms part of the overall risk assessment and should not be viewed or used as an independent report.

- End of report

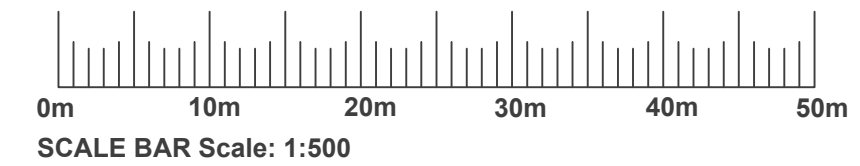
APPENDIX A – SITE PLAN



Plan Scale 1:100



Site Plan Scale 1:500



Site Plan Scale 1:500

rev	date	narr
If scaling from this drawing reference should be made to appropriate Scale Bars Any discrepancy in figured dimensions to be referred immediately to the agent/consultants. Contractors must check all dimensions from site. Copyright Philip Seddon Associates. All rights reserved.		
project		
Ashley Business Centre, East Street, Prescott, Liverpool, L34 5RR		
drawing		
Plan, Site Plan as Proposed Location Plan as Existing		
scale	number	date
As Shown @ A1	1956 / SK01	02.07.24



APPENDIX B – SUPPORTING INFORMATION

In compiling this report the following data sources have been consulted.

- Groundsure Enviro Insight Report (Appendix B1)
- Historical Ordnance Survey Maps (Appendix B2)
- Ordnance Survey Trade Directories
- British Geological Survey data, maps and memoirs
- Environment Agency and Local Authority designations, registers and permissions
- Site reconnaissance – remote

This report is based on information available at the time of writing and is subject to the limitations set out in Appendix C. In general, the listed information sources have been accessed via the Enviro Insight Report.

Appendix B1 – Enviro Insight Report

Ashley Business Centre, Prescot, L34 5RR

Order Details

Date: 30/09/2024
Your ref: -
Our Ref: GS-ULV-6UG-AZR-BND

Site Details

Location: 347032 392693
Area: 0.24 ha
Authority: [Knowsley Metropolitan Borough Council](#)
↗



[Summary of findings](#)

[p. 2 >](#) [Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

[p.14 >](#) [Insight User Guide](#) ↗

Contact us with any questions at:

info@groundsure.com ↗

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Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	3	6	32	109	-
21 >	1.2 >	Historical tanks >	0	0	20	50	-
24 >	1.3 >	Historical energy features >	0	2	18	34	-
26	1.4	Historical petrol stations	0	0	0	0	-
26 >	1.5 >	Historical garages >	0	4	6	10	-
27	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
28 >	2.1 >	Historical industrial land uses >	3	10	36	134	-
35 >	2.2 >	Historical tanks >	0	0	32	73	-
39 >	2.3 >	Historical energy features >	0	8	34	69	-
43	2.4	Historical petrol stations	0	0	0	0	-
44 >	2.5 >	Historical garages >	0	5	11	16	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
46	3.1	Active or recent landfill	0	0	0	0	-
46	3.2	Historical landfill (BGS records)	0	0	0	0	-
47	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
47	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
47 >	3.5 >	Historical waste sites >	0	0	1	0	-
47	3.6	Licensed waste sites	0	0	0	0	-
48 >	3.7 >	Waste exemptions >	0	1	3	5	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
49 >	4.1 >	Recent industrial land uses >	3	6	17	-	-
51 >	4.2 >	Current or recent petrol stations >	0	0	0	3	-
52	4.3	Electricity cables	0	0	0	0	-
52	4.4	Gas pipelines	0	0	0	0	-
52	4.5	Sites determined as Contaminated Land	0	0	0	0	-



52 >	4.6 >	<u>Control of Major Accident Hazards (COMAH) ></u>	0	0	0	2	-
53	4.7	Regulated explosive sites	0	0	0	0	-
53	4.8	Hazardous substance storage/usage	0	0	0	0	-
53	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
53	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
53 >	4.11 >	<u>Licensed pollutant release (Part A(2)/B) ></u>	0	0	1	5	-
54	4.12	Radioactive Substance Authorisations	0	0	0	0	-
54	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
55	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
55	4.15	Pollutant release to public sewer	0	0	0	0	-
55	4.16	List 1 Dangerous Substances	0	0	0	0	-
55	4.17	List 2 Dangerous Substances	0	0	0	0	-
55 >	4.18 >	<u>Pollution Incidents (EA/NRW) ></u>	0	0	0	2	-
56	4.19	Pollution inventory substances	0	0	0	0	-
56	4.20	Pollution inventory waste transfers	0	0	0	0	-
56	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
57 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
59 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
61 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
62	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
62	5.5	Groundwater vulnerability- local information	None (within 0m)				
64 >	5.6 >	<u>Groundwater abstractions ></u>	0	0	0	0	10
67 >	5.7 >	<u>Surface water abstractions ></u>	0	0	0	0	2
68 >	5.8 >	<u>Potable abstractions ></u>	0	0	0	0	4
69 >	5.9 >	<u>Source Protection Zones ></u>	0	0	0	1	-
69	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
70	6.1	Water Network (OS MasterMap)	0	0	0	-	-



70	6.2	Surface water features	0	0	0	-	-
71 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
71 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
72 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
73	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
73	7.2	Historical Flood Events	0	0	0	-	-
73	7.3	Flood Defences	0	0	0	-	-
74	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
74	7.5	Flood Storage Areas	0	0	0	-	-
75	7.6	Flood Zone 2	None (within 50m)				
75	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
76	8.1	Surface water flooding	Negligible (within 50m)				
Page	Section	Groundwater flooding >					
77 >	9.1 >	Groundwater flooding >	Low (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
78	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
79	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
79	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
79	10.4	Special Protection Areas (SPA)	0	0	0	0	0
79	10.5	National Nature Reserves (NNR)	0	0	0	0	0
80	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
80	10.7	Designated Ancient Woodland	0	0	0	0	0
80	10.8	Biosphere Reserves	0	0	0	0	0
80	10.9	Forest Parks	0	0	0	0	0
81	10.10	Marine Conservation Zones	0	0	0	0	0
81 >	10.11 >	Green Belt >	0	0	0	0	4
81	10.12	Proposed Ramsar sites	0	0	0	0	0



81	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
82	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
82	10.15	Nitrate Sensitive Areas	0	0	0	0	0
82 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	1	2
83 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
84	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
85	11.1	World Heritage Sites	0	0	0	-	-
86	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
86	11.3	National Parks	0	0	0	-	-
86 >	11.4 >	Listed Buildings >	0	0	2	-	-
87 >	11.5 >	Conservation Areas >	0	0	1	-	-
87	11.6	Scheduled Ancient Monuments	0	0	0	-	-
87	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
88 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
89	12.2	Open Access Land	0	0	0	-	-
89	12.3	Tree Felling Licences	0	0	0	-	-
89	12.4	Environmental Stewardship Schemes	0	0	0	-	-
89	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
90	13.1	Priority Habitat Inventory	0	0	0	-	-
90	13.2	Habitat Networks	0	0	0	-	-
90	13.3	Open Mosaic Habitat	0	0	0	-	-
90	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
91 >	14.1 >	10k Availability >	Identified (within 500m)				
92	14.2	Artificial and made ground (10k)	0	0	0	0	-
93	14.3	Superficial geology (10k)	0	0	0	0	-



93	14.4	Landslip (10k)	0	0	0	0	-
94	14.5	Bedrock geology (10k)	0	0	0	0	-
94	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
95 >	15.1 >	50k Availability >	Identified (within 500m)				
96	15.2	Artificial and made ground (50k)	0	0	0	0	-
96	15.3	Artificial ground permeability (50k)	0	0	-	-	-
97 >	15.4 >	Superficial geology (50k) >	1	0	1	2	-
98 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
98	15.6	Landslip (50k)	0	0	0	0	-
98	15.7	Landslip permeability (50k)	None (within 50m)				
99 >	15.8 >	Bedrock geology (50k) >	1	1	5	6	-
100 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
101 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	4	8	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
102 >	16.1 >	BGS Boreholes >	0	0	15	-	-
Page	Section	Natural ground subsidence >					
104 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
105 >	17.2 >	Running sands >	Very low (within 50m)				
107 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
108 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
109 >	17.5 >	Landslides >	Very low (within 50m)				
110 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
112 >	18.1 >	BritPits >	0	0	0	2	-
113	18.2	Surface ground workings	0	0	0	-	-
113 >	18.3 >	Underground workings >	0	0	0	3	3
114	18.4	Underground mining extents	0	0	0	0	-
114	18.5	Historical Mineral Planning Areas	0	0	0	0	-

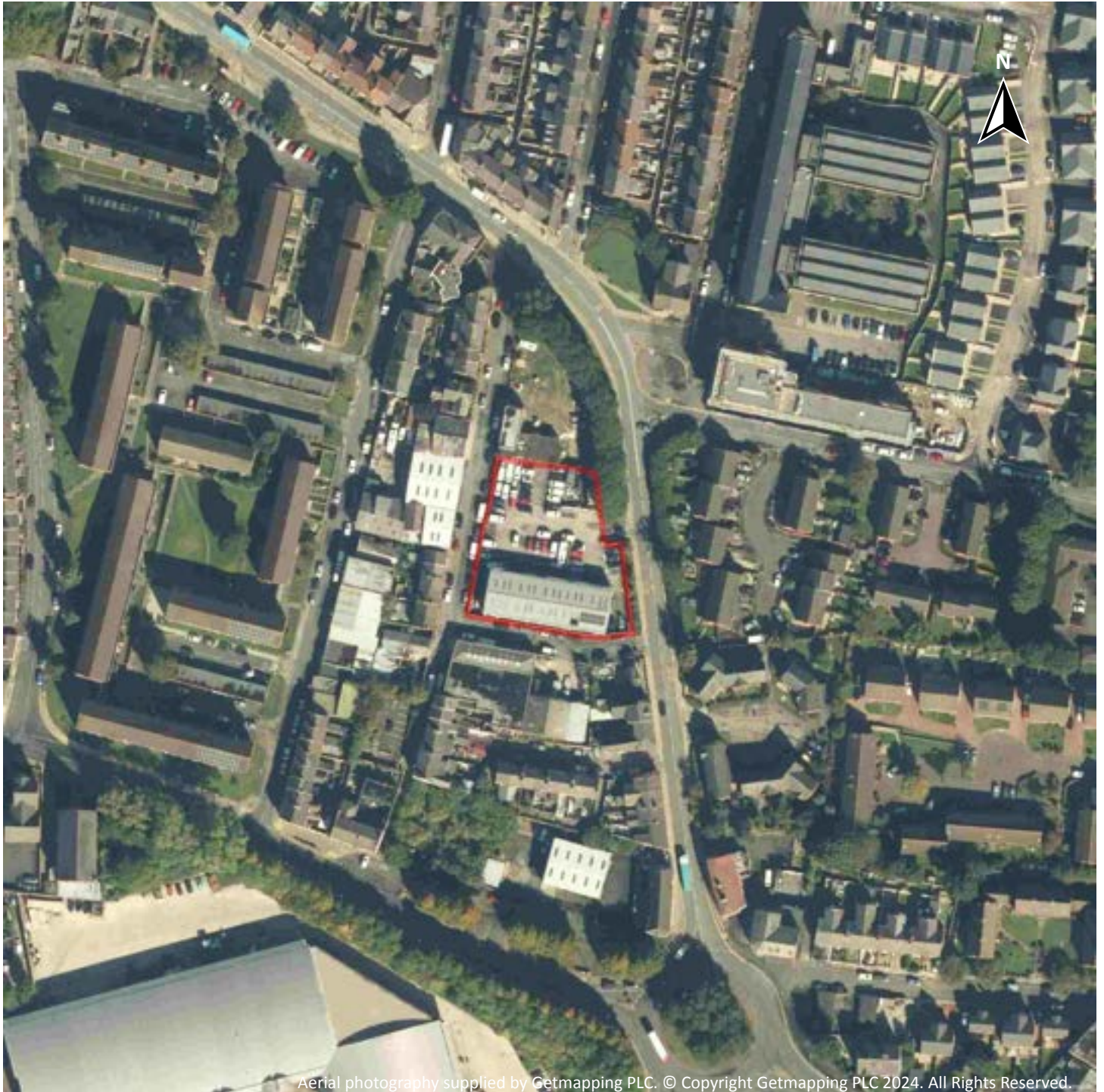


114 >	18.6 >	Non-coal mining >	0	0	0	1	0
114	18.7	JPB mining areas	None (within 0m)				
115	18.8	The Coal Authority non-coal mining	0	0	0	0	-
115 >	18.9 >	Researched mining >	0	0	0	1	-
115	18.10	Mining record office plans	0	0	0	0	-
115	18.11	BGS mine plans	0	0	0	0	-
116 >	18.12 >	Coal mining >	Identified (within 0m)				
116	18.13	Brine areas	None (within 0m)				
116	18.14	Gypsum areas	None (within 0m)				
116	18.15	Tin mining	None (within 0m)				
116	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
117	19.1	Natural cavities	0	0	0	0	-
117	19.2	Mining cavities	0	0	0	0	0
117	19.3	Reported recent incidents	0	0	0	0	-
117	19.4	Historical incidents	0	0	0	0	-
118	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
119 >	20.1 >	Radon >	Between 3% and 5% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
121 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	4	-	-	-
121	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
122	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
123	22.1	Underground railways (London)	0	0	0	-	-
123	22.2	Underground railways (Non-London)	0	0	0	-	-
124	22.3	Railway tunnels	0	0	0	-	-
124 >	22.4 >	Historical railway and tunnel features >	0	0	18	-	-
125	22.5	Royal Mail tunnels	0	0	0	-	-



125	22.6	Historical railways	0	0	0	-	-
125	22.7	Railways	0	0	0	-	-
125	22.8	Crossrail 1	0	0	0	0	-
126	22.9	Crossrail 2	0	0	0	0	-
126	22.10	HS2	0	0	0	0	-

Recent aerial photograph



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Capture Date: 28/09/2022

Site Area: 0.24ha



Recent site history - 2019 aerial photograph



Capture Date: 22/04/2019

Site Area: 0.24ha



Recent site history - 2015 aerial photograph



Capture Date: 11/06/2015

Site Area: 0.24ha



Recent site history - 2005 aerial photograph



Capture Date: 02/09/2005

Site Area: 0.24ha



Recent site history - 2000 aerial photograph



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Capture Date: 21/07/2000

Site Area: 0.24ha



OS MasterMap site plan



Site Area: 0.24ha



1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m

150

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
A	On site	Windmill	1850	807025



ID	Location	Land use	Dates present	Group ID
A	On site	Corn Mill	1850	811891
A	On site	Unspecified Commercial/Industrial	1990	822528
B	16m NE	Printing Works	1925	976311
B	18m E	Watch Factory	1891 - 1906	890698
B	32m NE	Printing Works	1950 - 1956	880844
B	42m NE	Printing Works	1938	873477
B	43m NE	Unspecified Works	1966 - 1978	889887
B	49m NE	Unspecified Commercial/Industrial	1990	822518
2	67m SE	Earthenware Pottery	1850	852241
D	88m SW	Cable Works	1956	818014
D	93m SW	Unspecified Commercial/Industrial	1990	822529
D	93m SW	Unspecified Works	1966 - 1978	924740
D	94m SW	Cotton Factory	1850	821910
D	98m SW	Pottery	1891	812079
D	98m SW	Insulated Wire Works	1906	836647
D	99m SW	Unspecified Works	1990	920878
D	99m SW	Unspecified Works	1966	945488
E	101m SW	Insulated Cable Works	1925 - 1938	1007630
E	102m SW	Insulated Cable Works	1950	960881
D	104m S	Railway Sidings	1956	936982
D	106m SW	Insulated Cable Works	1925	1001480
D	108m S	Railway Sidings	1925 - 1938	924584
D	113m SW	Railway Sidings	1950	944523
D	120m S	Railway Sidings	1925	950048
I	170m S	Unspecified Tank	1956	851067
I	182m S	Unspecified Tank	1950	851065
D	183m S	Unspecified Tank	1891	851066
L	212m W	Unspecified Commercial/Industrial	1990	822527



ID	Location	Land use	Dates present	Group ID
D	216m S	Railway Sidings	1978	988361
M	217m N	Nursery	1950 - 1956	890300
3	224m NE	Pump	1850	834539
O	229m SE	Pump	1850	834552
E	236m SW	Unspecified Commercial/Industrial	1956	882193
D	237m SE	Unspecified Works	1966	835742
D	239m SE	Unspecified Commercial/Industrial	1978	969491
D	239m SE	Unspecified Commercial/Industrial	1990	983865
D	241m SE	Unspecified Commercial/Industrial	1938	948046
E	245m SW	Unspecified Works	1978	873569
E	245m SW	Unspecified Works	1990	965186
E	245m SW	Unspecified Works	1966	974399
D	260m S	Railway Sidings	1906	915193
D	260m S	Unspecified Commercial/Industrial	1925	863429
D	260m S	Unspecified Commercial/Industrial	1950	1008566
E	265m SW	Railway Sidings	1950	966462
E	266m SW	Unspecified Commercial/Industrial	1925	921968
Q	272m SW	Railway Sidings	1956	937009
M	287m N	Glass Works	1966	821950
D	291m S	Railway Sidings	1966	981335
S	291m S	Electrical Engineering Works	1891	817179
D	293m S	Railway Sidings	1956	977721
D	300m S	Railway Building	1956	854894
D	302m S	Railway Sidings	1891	976121
E	302m SW	Old Sandstone Quarry	1850	847292
D	310m S	Railway Sidings	1950	913692
E	311m SW	Railway Sidings	1925	946529
E	313m SW	Railway Sidings	1938	909707



ID	Location	Land use	Dates present	Group ID
D	325m S	Railway Buildings	1891	810754
E	328m SW	Railway Sidings	1925	860186
D	330m SE	Cuttings	1956	871213
D	331m SE	Cuttings	1891 - 1906	987809
P	331m SE	Cuttings	1956	910357
E	332m SW	Railway Sidings	1956	872802
P	334m E	Sand Pit	1850	827343
D	334m SE	Railway Sidings	1925 - 1938	902919
E	335m SW	Collieries	1850	817922
D	335m SE	Cuttings	1966	944378
P	335m SE	Cuttings	1966 - 1978	868105
P	335m SE	Cuttings	1990	887708
D	336m SE	Cuttings	1990	956299
D	336m SE	Cuttings	1978	987327
P	337m SE	Cuttings	1891 - 1950	981097
D	339m SE	Cuttings	1925 - 1938	965741
D	343m SE	Unspecified Tanks	1978	819713
P	343m SE	Unspecified Tank	1966	850130
P	344m SE	Cuttings	1925	958684
D	359m S	Unspecified Ground Workings	1956	1007097
E	364m SW	Railway Sidings	1966	897315
D	368m S	Unspecified Ground Workings	1925 - 1938	975098
E	372m SW	Railway Sidings	1956	912326
X	384m SE	Unspecified Depot	1978	821194
Y	384m SE	Cuttings	1891 - 1950	919730
Y	385m SE	Cuttings	1925	874471
Y	387m E	Cuttings	1966 - 1978	863368
Y	387m E	Cuttings	1990	978024



ID	Location	Land use	Dates present	Group ID
Y	387m E	Cuttings	1956	986971
10	396m SW	Railway Sidings	1978	883323
D	403m S	Railway Building	1956	854898
X	404m S	Unspecified Ground Workings	1966	814876
AA	413m NW	Gas Works	1906	865220
D	416m S	Railway Building	1950	854896
E	420m SW	Railway Building	1956	854901
D	421m S	Railway Building	1956	926868
AA	421m NW	Gas Holder Station	1978	928169
AA	421m NW	Gas Holder Station	1990	934361
AA	421m NW	Unspecified Works	1966	835729
E	423m SW	Railway Sidings	1925	934345
12	424m SE	Unspecified Quarry	1891	840213
D	427m S	Railway Building	1956	854897
D	430m S	Railway Building	1906	894001
D	433m S	Railway Building	1950	944835
D	433m S	Goods Shed	1925 - 1938	949834
D	438m S	Goods Shed	1891	907536
D	440m S	Railway Building	1950	854895
13	443m NW	Earthenware Pottery	1850	852240
E	445m SW	Unspecified Tanks	1978	819714
14	449m W	Grave Yard	1950 - 1956	926770
AA	450m NW	Unspecified Commercial/Industrial	1925	860632
AA	451m NW	Gas Works	1891	1002279
AA	452m NW	Unspecified Commercial/Industrial	1925 - 1950	907588
D	452m S	Railway Building	1925 - 1938	931415
AA	452m NW	Unspecified Commercial/Industrial	1956	985405
E	454m SW	Unspecified Commercial/Industrial	1925	900535



ID	Location	Land use	Dates present	Group ID
D	455m S	Railway Building	1906	939789
15	457m NW	Unspecified Ground Workings	1925	815794
D	460m S	Railway Building	1938	898639
D	460m S	Railway Building	1925	934661
D	471m S	Railway Building	1938	906881
D	471m S	Railway Building	1925	946890
D	476m S	Railway Building	1956	1000873
D	478m S	Railway Sidings	1947	924113
D	478m S	Railway Sidings	1925	957242
D	478m S	Railway Building	1925	885145
D	478m S	Railway Building	1947	943872
E	479m SW	Railway Building	1956	854899
AA	481m NW	Gasometer	1891 - 1906	996945
E	482m SW	Unspecified Old Shaft	1906 - 1925	1005850
E	483m SW	Unspecified Pit	1891	829330
E	483m SW	Railway Building	1956	854900
AC	484m S	Unspecified Commercial/Industrial	1947	931510
AA	484m NW	Gas Works	1850	872610
E	486m SW	Unspecified Old Shaft	1891	823544
D	488m S	Railway Station	1891 - 1990	956767
AA	489m NW	Unspecified Tank	1925	997930
E	490m SW	Unspecified Old Shaft	1925	823543
AA	490m NW	Unspecified Tank	1925 - 1950	968820
D	491m S	Railway Station	1966 - 1978	938000
16	491m SW	Railway Sidings	1956	879162
AD	491m SW	Sewage Disposal Works	1956	880396
D	492m S	Railway Station	1956	1004045
D	493m S	Railway Station	1938	906740



ID	Location	Land use	Dates present	Group ID
AA	495m NW	Unspecified Tank	1956	873991
AA	495m NW	Unspecified Tank	1966	940558
D	495m S	Railway Station	1925	888269
D	495m S	Railway Station	1947	991095
D	495m S	Railway Station	1906	883397
AC	496m S	Railway Sidings	1947	889704
17	498m S	Unspecified Heap	1891 - 1906	1008114
AD	500m SW	Unspecified Works	1990	911614
AD	500m SW	Unspecified Works	1966 - 1978	965968

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

70

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
B	113m NE	Unspecified Tank	1999	142598
B	113m NE	Unspecified Tank	1996	153206
B	113m NE	Unspecified Tank	1985	132070
B	114m NE	Unspecified Tank	1954 - 1956	143143
D	124m S	Tanks	1937	108530
D	132m S	Tanks	1927	108532
B	148m NE	Tanks	1985 - 1999	138425
H	151m SW	Unspecified Tank	1985 - 1990	147939
H	151m SW	Unspecified Tank	1994	144596



ID	Location	Land use	Dates present	Group ID
D	155m S	Tanks	1927 - 1937	153973
G	156m E	Unspecified Tank	1996 - 1999	134381
G	156m E	Unspecified Tank	1985	152604
G	157m E	Unspecified Tank	1985 - 1999	140498
I	180m S	Unspecified Tank	1956	154463
I	182m S	Unspecified Tank	1954	134859
D	187m S	Unspecified Tank	1893	114819
I	188m S	Unspecified Tank	1927 - 1937	149854
K	202m NW	Unspecified Tank	1975	132014
K	202m NW	Unspecified Tank	1990	151689
K	238m NW	Unspecified Tank	1985	114813
D	259m S	Unspecified Tank	1956 - 1964	151660
D	260m S	Tanks	1954	108536
D	263m S	Tanks	1954 - 1956	150464
D	267m S	Unspecified Tank	1937	125728
D	281m S	Unspecified Tank	1955	114815
D	284m S	Unspecified Tank	1954	114822
D	297m S	Unspecified Tank	1989	147830
D	299m S	Tanks	1975	126743
D	299m S	Tanks	1989	127638
L	333m W	Unspecified Tank	1985	125724
S	341m S	Unspecified Tank	1893	114820
D	347m SE	Tanks	1975 - 1989	139658
6	348m W	Unspecified Tank	1975	114823
D	349m S	Unspecified Tank	1975 - 1989	142155
D	354m S	Tanks	1975 - 1989	147680
V	356m S	Unspecified Tank	1972	114824
7	360m NE	Unspecified Tank	1985 - 1999	139810



ID	Location	Land use	Dates present	Group ID
D	361m S	Tanks	1927	108534
9	382m N	Tanks	1972 - 1984	131187
D	384m S	Unspecified Tank	1975	138951
D	385m S	Unspecified Tank	1991	127518
D	385m S	Unspecified Tank	1989	139413
D	385m S	Unspecified Tank	1989	141466
D	385m S	Unspecified Tank	1998	141828
E	392m SW	Unspecified Tank	1954 - 1955	130935
E	396m SW	Tanks	1954 - 1955	136191
P	396m SE	Unspecified Tank	1991	151809
P	396m SE	Unspecified Tank	1989	154304
P	396m SE	Unspecified Tank	1989	155026
P	397m SE	Unspecified Tank	1975	143718
P	398m SE	Unspecified Tank	1998	143892
E	399m SW	Unspecified Tank	1927	114821
E	407m SW	Unspecified Tank	1954 - 1955	146392
AA	415m NW	Gas Works	1955 - 1956	153874
AA	415m NW	Gas Holder Station	1996	112402
E	416m SW	Tanks	1937	108531
E	431m SW	Tanks	1972	108538
AA	442m NW	Gas Works	1893 - 1908	153675
AA	456m NW	Gasholder Station	1984	127888
AA	456m NW	Gasholder Station	1957	146976
E	457m SW	Unspecified Tank	1937	125725
E	474m S	Unspecified Tank	1954 - 1955	130229
E	477m SW	Unspecified Tank	1954 - 1955	144329
AA	487m NW	Unspecified Tank	1927 - 1937	133549
AA	487m NW	Gasometer	1893 - 1908	138845



ID	Location	Land use	Dates present	Group ID
AA	493m NW	Unspecified Tank	1964	148078
AA	493m NW	Unspecified Tank	1955 - 1956	154213
AA	493m NW	Tanks	1996	140843
AA	494m NW	Tanks	1957	142373
AA	494m NW	Tanks	1984	144572

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	54
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Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
A	36m W	Electricity Substation	1975 - 1994	70828
1	48m E	Electricity Substation	1972 - 1996	72758
C	66m SE	Electricity Substation	1956	84040
C	67m SE	Electricity Substation	1954	70569
D	116m S	Electricity Substation	1956	71704
D	117m S	Electricity Substation	1954	84842
D	117m S	Electricity Substation	1972 - 1985	90045
F	119m NW	Electricity Substation	1994	74783
F	121m NW	Electricity Substation	1975 - 1990	92463
G	142m E	Electricity Substation	1954 - 1956	69240
G	142m E	Electricity Substation	1972 - 1999	78732
D	146m SW	Electricity Substation	1954 - 1955	86933
D	181m S	Electricity Substation	1972 - 1984	78870



ID	Location	Land use	Dates present	Group ID
D	181m S	Electricity Substation	1954 - 1955	91254
D	187m S	Electricity Substation	1954 - 1956	78608
N	225m NW	Electricity Substation	1994	77893
M	227m N	Electricity Substation	1972	72027
M	227m N	Electricity Substation	1996 - 1999	81398
N	227m NW	Electricity Substation	1985 - 1990	84982
M	227m N	Electricity Substation	1985	91276
D	256m S	Electricity Substation	1989	71192
D	277m S	Electricity Substation	1954 - 1956	84306
R	277m SW	Electricity Substation	1972 - 1984	78003
R	282m SW	Electricity Substation	1972 - 1984	71925
D	289m SE	Electricity Substation	1954 - 1956	75030
Q	292m SW	Electricity Substation	1954 - 1955	70225
Q	296m SW	Electricity Substation	1985 - 1990	70988
D	325m S	Electricity Substation	1954 - 1956	86924
U	342m E	Electricity Substation	1996 - 1999	74189
U	343m E	Electricity Substation	1972	77196
U	343m E	Electricity Substation	1985	84023
P	358m SE	Electricity Substation	1996 - 1999	86786
P	358m SE	Electricity Substation	1985	90813
8	362m W	Electricity Substation	1975 - 1994	71189
V	373m S	Electricity Substation	1972	69364
V	373m S	Electricity Substation	1954 - 1955	91777
D	378m SE	Electricity Substation	1975 - 1998	84579
E	411m SW	Electricity Substation	1954 - 1955	76124
D	413m SE	Electricity Substation	1954	71038
11	414m W	Electricity Substation	1975 - 1994	76903
AA	415m NW	Gas Works	1955 - 1956	92275



ID	Location	Land use	Dates present	Group ID
AA	415m NW	Gas Holder Station	1996	67881
D	416m SE	Electricity Substation	1956	69965
E	427m SW	Electricity Substations	1984	68169
W	438m W	Electricity Substation	1975 - 1994	69877
AA	442m NW	Gas Works	1893 - 1908	89799
AB	446m NE	Electricity Substation	1996 - 1999	90938
AB	446m NE	Electricity Substation	1972	90948
AB	446m NE	Electricity Substation	1985	90619
AA	456m NW	Gasholder Station	1957	77598
AA	456m NW	Gasholder Station	1984	86021
AA	480m NW	Electricity Substation	1955 - 1957	74372
AA	481m NW	Electricity Substation	1984 - 1996	90408
AA	487m NW	Gasometer	1893 - 1908	86275

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

20

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.



Features are displayed on the Past land use map on [page 15](#) >

ID	Location	Land use	Dates present	Group ID
A	On site	Garage	1960	22377
A	18m SW	Garage	1985 - 1990	24384
A	19m SW	Garage	1994	28619
A	19m SW	Garage	1990	24941
J	193m SE	Garage	1985	26493
J	198m SE	Garage	1996 - 1999	30131
M	226m N	Garage	1996 - 1999	28345
M	227m N	Garage	1985	28003
O	228m SE	Garage	1954 - 1975	23601
D	242m SE	Garage	1998	22373
4	253m W	Garage	1985	22374
P	271m SE	Garage	1960	22157
5	274m SE	Garage	1991 - 1998	27954
T	319m NW	Garage	1975	25356
T	327m NW	Garage	1985	27066
W	361m W	Garage	1994	24234
W	362m W	Garage	1985 - 1990	23274
W	377m W	Garage	1964 - 1975	25513
Z	412m NW	Garage	1985 - 1990	29088
Z	422m NW	Garage	1994	25797

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

183

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 28](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Windmill	1850	807025
A	On site	Corn Mill	1850	811891
A	On site	Unspecified Commercial/Industrial	1990	822528



ID	Location	Land Use	Date	Group ID
B	16m NE	Printing Works	1925	976311
B	17m NE	Printing Works	1925	976311
B	18m E	Watch Factory	1891	890698
B	18m NE	Watch Factory	1906	890698
B	32m NE	Printing Works	1950	880844
B	42m NE	Printing Works	1938	873477
B	43m NE	Printing Works	1956	880844
B	43m NE	Unspecified Works	1966	889887
B	49m NE	Unspecified Works	1978	889887
B	49m NE	Unspecified Commercial/Industrial	1990	822518
1	67m SE	Earthenware Pottery	1850	852241
E	88m SW	Cable Works	1956	818014
E	93m SW	Unspecified Commercial/Industrial	1990	822529
E	93m SW	Unspecified Works	1966	924740
E	94m SW	Unspecified Works	1978	924740
E	94m SW	Cotton Factory	1850	821910
E	98m SW	Pottery	1891	812079
E	98m SW	Insulated Wire Works	1906	836647
E	99m SW	Unspecified Works	1990	920878
E	99m SW	Unspecified Works	1966	945488
F	101m SW	Insulated Cable Works	1938	1007630
F	102m SW	Insulated Cable Works	1925	1007630
F	102m SW	Insulated Cable Works	1950	960881
E	104m S	Railway Sidings	1956	936982
E	106m SW	Insulated Cable Works	1925	1001480
E	108m S	Railway Sidings	1938	924584
E	113m SW	Railway Sidings	1925	924584
E	113m SW	Railway Sidings	1950	944523



ID	Location	Land Use	Date	Group ID
E	120m S	Railway Sidings	1925	950048
J	170m S	Unspecified Tank	1956	851067
J	182m S	Unspecified Tank	1950	851065
E	183m S	Unspecified Tank	1891	851066
M	212m W	Unspecified Commercial/Industrial	1990	822527
E	216m S	Railway Sidings	1978	988361
N	217m N	Nursery	1950	890300
2	224m NE	Pump	1850	834539
N	228m N	Nursery	1956	890300
P	229m SE	Pump	1850	834552
F	236m SW	Unspecified Commercial/Industrial	1956	882193
E	237m SE	Unspecified Works	1966	835742
E	239m SE	Unspecified Commercial/Industrial	1978	969491
E	239m SE	Unspecified Commercial/Industrial	1990	983865
E	241m SE	Unspecified Commercial/Industrial	1938	948046
F	245m SW	Unspecified Works	1978	873569
F	245m SW	Unspecified Works	1990	965186
F	245m SW	Unspecified Works	1966	974399
E	260m S	Railway Sidings	1906	915193
E	260m S	Unspecified Commercial/Industrial	1925	863429
E	260m S	Unspecified Commercial/Industrial	1950	1008566
F	265m SW	Railway Sidings	1950	966462
F	266m SW	Unspecified Commercial/Industrial	1925	921968
R	272m SW	Railway Sidings	1956	937009
N	287m N	Glass Works	1966	821950
E	291m S	Railway Sidings	1966	981335
U	291m S	Electrical Engineering Works	1891	817179
E	293m S	Railway Sidings	1956	977721



ID	Location	Land Use	Date	Group ID
E	300m S	Railway Building	1956	854894
E	302m S	Railway Sidings	1891	976121
F	302m SW	Old Sandstone Quarry	1850	847292
E	310m S	Railway Sidings	1950	913692
F	311m SW	Railway Sidings	1925	946529
F	313m SW	Railway Sidings	1938	909707
E	325m S	Railway Buildings	1891	810754
F	328m SW	Railway Sidings	1925	860186
E	330m SE	Cuttings	1956	871213
E	331m SE	Cuttings	1906	987809
Q	331m SE	Cuttings	1956	910357
F	332m SW	Railway Sidings	1956	872802
Q	334m E	Sand Pit	1850	827343
E	334m SE	Railway Sidings	1938	902919
E	334m SE	Railway Sidings	1925	902919
F	335m SW	Collieries	1850	817922
E	335m SE	Cuttings	1966	944378
Q	335m SE	Cuttings	1978	868105
Q	335m SE	Cuttings	1990	887708
Q	335m SE	Cuttings	1966	868105
E	336m SE	Cuttings	1978	987327
E	336m SE	Cuttings	1990	956299
Q	337m SE	Cuttings	1950	981097
Q	337m SE	Cuttings	1891	981097
Q	337m SE	Cuttings	1938	981097
Q	337m SE	Cuttings	1925	981097
Q	337m SE	Cuttings	1906	981097
E	339m SE	Cuttings	1938	965741



ID	Location	Land Use	Date	Group ID
E	343m SE	Unspecified Tanks	1978	819713
Q	343m SE	Unspecified Tank	1966	850130
E	344m SE	Cuttings	1891	987809
Q	344m SE	Cuttings	1925	958684
E	347m SE	Cuttings	1925	965741
E	359m S	Unspecified Ground Workings	1956	1007097
F	364m SW	Railway Sidings	1966	897315
E	368m S	Unspecified Ground Workings	1938	975098
E	368m S	Unspecified Ground Workings	1925	975098
F	372m SW	Railway Sidings	1956	912326
AC	384m SE	Unspecified Depot	1978	821194
AD	384m SE	Cuttings	1950	919730
AD	384m SE	Cuttings	1891	919730
AD	384m SE	Cuttings	1938	919730
AD	384m SE	Cuttings	1925	919730
AD	384m SE	Cuttings	1906	919730
AD	385m SE	Cuttings	1925	874471
AD	387m E	Cuttings	1956	986971
AD	387m E	Cuttings	1978	863368
AD	387m E	Cuttings	1990	978024
AD	387m E	Cuttings	1966	863368
5	396m SW	Railway Sidings	1978	883323
E	403m S	Railway Building	1956	854898
AC	404m S	Unspecified Ground Workings	1966	814876
AF	413m NW	Gas Works	1906	865220
E	416m S	Railway Building	1950	854896
F	420m SW	Railway Building	1956	854901
E	421m S	Railway Building	1956	926868



ID	Location	Land Use	Date	Group ID
AF	421m NW	Gas Holder Station	1978	928169
AF	421m NW	Gas Holder Station	1990	934361
AF	421m NW	Unspecified Works	1966	835729
F	423m SW	Railway Sidings	1925	934345
6	424m SE	Unspecified Quarry	1891	840213
E	427m S	Railway Building	1956	854897
E	430m S	Railway Building	1906	894001
E	433m S	Railway Building	1950	944835
E	433m S	Goods Shed	1938	949834
E	433m S	Goods Shed	1925	949834
E	438m S	Goods Shed	1891	907536
E	440m S	Railway Building	1950	854895
7	443m NW	Earthenware Pottery	1850	852240
F	445m SW	Unspecified Tanks	1978	819714
AI	449m W	Grave Yard	1950	926770
AF	450m NW	Unspecified Commercial/Industrial	1925	860632
AF	451m NW	Gas Works	1891	1002279
AF	452m NW	Unspecified Commercial/Industrial	1938	907588
AF	452m NW	Unspecified Commercial/Industrial	1925	907588
AF	452m NW	Unspecified Commercial/Industrial	1950	907588
E	452m S	Railway Building	1938	931415
E	452m S	Railway Building	1925	931415
AF	452m NW	Unspecified Commercial/Industrial	1956	985405
F	454m SW	Unspecified Commercial/Industrial	1925	900535
E	455m S	Railway Building	1906	939789
8	457m NW	Unspecified Ground Workings	1925	815794
E	460m S	Railway Building	1938	898639
E	460m S	Railway Building	1925	934661



ID	Location	Land Use	Date	Group ID
E	471m S	Railway Building	1938	906881
E	471m S	Railway Building	1925	946890
E	476m S	Railway Building	1956	1000873
E	478m S	Railway Sidings	1947	924113
E	478m S	Railway Sidings	1925	957242
E	478m S	Railway Building	1947	943872
E	478m S	Railway Building	1925	885145
F	479m SW	Railway Building	1956	854899
AF	481m NW	Gasometer	1891	996945
F	482m SW	Unspecified Old Shaft	1906	1005850
AI	482m W	Grave Yard	1956	926770
F	483m SW	Unspecified Pit	1891	829330
F	483m SW	Railway Building	1956	854900
AJ	484m S	Unspecified Commercial/Industrial	1947	931510
AF	484m NW	Gas Works	1850	872610
F	485m SW	Unspecified Old Shaft	1925	1005850
F	486m SW	Unspecified Old Shaft	1891	823544
E	488m S	Railway Station	1990	956767
AF	489m NW	Unspecified Tank	1925	997930
F	490m SW	Unspecified Old Shaft	1925	823543
AF	490m NW	Gasometer	1906	996945
AF	490m NW	Unspecified Tank	1938	968820
AF	490m NW	Unspecified Tank	1925	968820
AF	490m NW	Unspecified Tank	1950	968820
E	491m S	Railway Station	1978	938000
E	491m S	Railway Station	1966	938000
9	491m SW	Railway Sidings	1956	879162
AK	491m SW	Sewage Disposal Works	1956	880396



ID	Location	Land Use	Date	Group ID
E	492m S	Railway Station	1956	1004045
E	493m S	Railway Station	1938	906740
AF	495m NW	Unspecified Tank	1956	873991
AF	495m NW	Unspecified Tank	1966	940558
E	495m S	Railway Station	1947	991095
E	495m S	Railway Station	1925	888269
E	495m S	Railway Station	1906	883397
AJ	496m S	Railway Sidings	1947	889704
E	498m S	Railway Station	1891	956767
10	498m S	Unspecified Heap	1891	1008114
AK	500m SW	Unspecified Works	1978	965968
AK	500m SW	Unspecified Works	1990	911614

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

105

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 28 >](#)

ID	Location	Land Use	Date	Group ID
B	113m NE	Unspecified Tank	1996	153206
B	113m NE	Unspecified Tank	1999	142598
B	113m NE	Unspecified Tank	1985	132070
B	114m NE	Unspecified Tank	1956	143143
B	114m NE	Unspecified Tank	1956	143143
B	114m NE	Unspecified Tank	1954	143143
E	124m S	Tanks	1937	108530
E	132m S	Tanks	1927	108532



ID	Location	Land Use	Date	Group ID
B	148m NE	Tanks	1996	138425
B	148m NE	Tanks	1999	138425
B	149m NE	Tanks	1985	138425
I	151m SW	Unspecified Tank	1985	147939
I	151m SW	Unspecified Tank	1990	147939
I	151m SW	Unspecified Tank	1990	147939
I	151m SW	Unspecified Tank	1994	144596
E	155m S	Tanks	1927	153973
E	155m S	Tanks	1937	153973
H	156m E	Unspecified Tank	1996	134381
H	156m E	Unspecified Tank	1999	134381
H	156m E	Unspecified Tank	1985	152604
H	157m E	Unspecified Tank	1996	140498
H	157m E	Unspecified Tank	1999	140498
H	157m E	Unspecified Tank	1985	140498
J	180m S	Unspecified Tank	1956	154463
J	182m S	Unspecified Tank	1954	134859
E	187m S	Unspecified Tank	1893	114819
J	188m S	Unspecified Tank	1927	149854
J	188m S	Unspecified Tank	1937	149854
L	202m NW	Unspecified Tank	1975	132014
L	202m NW	Unspecified Tank	1990	151689
L	202m NW	Unspecified Tank	1990	151689
L	238m NW	Unspecified Tank	1985	114813
E	259m S	Unspecified Tank	1956	151660
E	260m S	Tanks	1954	108536
E	260m S	Unspecified Tank	1964	151660
E	263m S	Tanks	1956	150464



ID	Location	Land Use	Date	Group ID
E	263m S	Tanks	1954	150464
E	267m S	Unspecified Tank	1937	125728
E	281m S	Unspecified Tank	1955	114815
E	284m S	Unspecified Tank	1954	114822
E	297m S	Unspecified Tank	1989	147830
E	297m S	Unspecified Tank	1989	147830
E	299m S	Tanks	1975	126743
E	299m S	Tanks	1989	127638
E	299m S	Tanks	1989	127638
M	333m W	Unspecified Tank	1985	125724
U	341m S	Unspecified Tank	1893	114820
E	347m SE	Tanks	1975	139658
E	347m SE	Tanks	1989	139658
E	347m SE	Tanks	1989	139658
4	348m W	Unspecified Tank	1975	114823
E	349m S	Unspecified Tank	1975	142155
E	350m S	Unspecified Tank	1989	142155
E	350m S	Unspecified Tank	1989	142155
E	354m S	Tanks	1975	147680
E	354m S	Tanks	1989	147680
E	354m S	Tanks	1989	147680
X	356m S	Unspecified Tank	1972	114824
Y	360m NE	Unspecified Tank	1996	139810
Y	360m NE	Unspecified Tank	1999	139810
Y	361m NE	Unspecified Tank	1985	139810
E	361m S	Tanks	1927	108534
AB	382m N	Tanks	1984	131187
AB	382m N	Tanks	1972	131187



ID	Location	Land Use	Date	Group ID
E	384m S	Unspecified Tank	1975	138951
E	385m S	Unspecified Tank	1989	141466
E	385m S	Unspecified Tank	1991	127518
E	385m S	Unspecified Tank	1989	139413
E	385m S	Unspecified Tank	1998	141828
F	392m SW	Unspecified Tank	1955	130935
F	392m SW	Unspecified Tank	1954	130935
F	396m SW	Tanks	1955	136191
F	396m SW	Tanks	1954	136191
Q	396m SE	Unspecified Tank	1989	155026
Q	396m SE	Unspecified Tank	1991	151809
Q	396m SE	Unspecified Tank	1989	154304
Q	397m SE	Unspecified Tank	1975	143718
Q	398m SE	Unspecified Tank	1998	143892
F	399m SW	Unspecified Tank	1927	114821
F	407m SW	Unspecified Tank	1954	146392
F	407m SW	Unspecified Tank	1955	146392
AF	415m NW	Gas Works	1955	153874
AF	415m NW	Gas Works	1956	153874
AF	415m NW	Gas Holder Station	1996	112402
F	416m SW	Tanks	1937	108531
F	431m SW	Tanks	1972	108538
AF	442m NW	Gas Works	1893	153675
AF	442m NW	Gas Works	1908	153675
AF	456m NW	Gasholder Station	1984	127888
AF	456m NW	Gasholder Station	1957	146976
F	457m SW	Unspecified Tank	1937	125725
F	474m S	Unspecified Tank	1955	130229



ID	Location	Land Use	Date	Group ID
F	474m S	Unspecified Tank	1954	130229
F	477m SW	Unspecified Tank	1955	144329
F	478m SW	Unspecified Tank	1954	144329
AF	487m NW	Gasometer	1893	138845
AF	487m NW	Gasometer	1908	138845
AF	487m NW	Unspecified Tank	1927	133549
AF	487m NW	Unspecified Tank	1937	133549
AF	493m NW	Unspecified Tank	1964	148078
AF	493m NW	Unspecified Tank	1956	154213
AF	493m NW	Unspecified Tank	1955	154213
AF	493m NW	Tanks	1996	140843
AF	494m NW	Tanks	1984	144572
AF	494m NW	Tanks	1957	142373

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

111

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 28 >](#)

ID	Location	Land Use	Date	Group ID
A	36m W	Electricity Substation	1994	70828
A	36m W	Electricity Substation	1975	70828
A	36m W	Electricity Substation	1985	70828
A	36m W	Electricity Substation	1990	70828
A	36m W	Electricity Substation	1990	70828
C	48m E	Electricity Substation	1972	72758
C	49m E	Electricity Substation	1996	72758



ID	Location	Land Use	Date	Group ID
C	50m E	Electricity Substation	1985	72758
D	66m SE	Electricity Substation	1956	84040
D	66m SE	Electricity Substation	1956	84040
D	67m SE	Electricity Substation	1954	70569
E	116m S	Electricity Substation	1956	71704
E	117m S	Electricity Substation	1954	84842
E	117m S	Electricity Substation	1972	90045
E	117m S	Electricity Substation	1985	90045
G	119m NW	Electricity Substation	1994	74783
G	121m NW	Electricity Substation	1975	92463
G	121m NW	Electricity Substation	1985	92463
G	121m NW	Electricity Substation	1990	92463
G	121m NW	Electricity Substation	1990	92463
H	142m E	Electricity Substation	1954	69240
H	142m E	Electricity Substation	1972	78732
H	144m E	Electricity Substation	1985	78732
E	146m SW	Electricity Substation	1954	86933
E	146m SW	Electricity Substation	1955	86933
H	146m E	Electricity Substation	1956	69240
H	146m E	Electricity Substation	1996	78732
H	146m E	Electricity Substation	1999	78732
E	181m S	Electricity Substation	1954	91254
E	181m S	Electricity Substation	1972	78870
E	182m S	Electricity Substation	1955	91254
E	182m S	Electricity Substation	1984	78870
E	187m S	Electricity Substation	1956	78608
E	187m S	Electricity Substation	1954	78608
O	225m NW	Electricity Substation	1994	77893



ID	Location	Land Use	Date	Group ID
N	227m N	Electricity Substation	1972	72027
N	227m N	Electricity Substation	1996	81398
N	227m N	Electricity Substation	1999	81398
O	227m NW	Electricity Substation	1985	84982
O	227m NW	Electricity Substation	1990	84982
O	227m NW	Electricity Substation	1990	84982
N	227m N	Electricity Substation	1985	91276
E	256m S	Electricity Substation	1989	71192
E	256m S	Electricity Substation	1989	71192
E	277m S	Electricity Substation	1956	84306
T	277m SW	Electricity Substation	1984	78003
E	277m S	Electricity Substation	1954	84306
T	277m SW	Electricity Substation	1972	78003
T	282m SW	Electricity Substation	1972	71925
T	282m SW	Electricity Substation	1984	71925
E	289m SE	Electricity Substation	1956	75030
E	289m SE	Electricity Substation	1954	75030
R	292m SW	Electricity Substation	1955	70225
R	293m SW	Electricity Substation	1954	70225
R	296m SW	Electricity Substation	1985	70988
R	296m SW	Electricity Substation	1990	70988
R	296m SW	Electricity Substation	1990	70988
E	325m S	Electricity Substation	1954	86924
E	325m S	Electricity Substation	1956	86924
W	342m E	Electricity Substation	1996	74189
W	342m E	Electricity Substation	1999	74189
W	343m E	Electricity Substation	1972	77196
W	343m E	Electricity Substation	1985	84023



ID	Location	Land Use	Date	Group ID
Q	358m SE	Electricity Substation	1996	86786
Q	358m SE	Electricity Substation	1999	86786
Q	358m SE	Electricity Substation	1985	90813
AA	362m W	Electricity Substation	1994	71189
AA	363m W	Electricity Substation	1975	71189
AA	363m W	Electricity Substation	1985	71189
AA	363m W	Electricity Substation	1990	71189
X	373m S	Electricity Substation	1972	69364
X	373m S	Electricity Substation	1954	91777
X	373m S	Electricity Substation	1955	91777
E	378m SE	Electricity Substation	1989	84579
E	378m SE	Electricity Substation	1991	84579
E	378m SE	Electricity Substation	1989	84579
E	378m SE	Electricity Substation	1975	84579
E	380m SE	Electricity Substation	1998	84579
F	411m SW	Electricity Substation	1954	76124
F	411m SW	Electricity Substation	1955	76124
E	413m SE	Electricity Substation	1954	71038
AG	414m W	Electricity Substation	1994	76903
AG	414m W	Electricity Substation	1975	76903
AF	415m NW	Gas Works	1955	92275
AF	415m NW	Gas Works	1956	92275
AG	415m W	Electricity Substation	1985	76903
AG	415m W	Electricity Substation	1990	76903
AG	415m W	Electricity Substation	1990	76903
AF	415m NW	Gas Holder Station	1996	67881
E	416m SE	Electricity Substation	1956	69965
E	416m SE	Electricity Substation	1956	69965



ID	Location	Land Use	Date	Group ID
F	427m SW	Electricity Substations	1984	68169
Z	438m W	Electricity Substation	1975	69877
Z	438m W	Electricity Substation	1990	69877
Z	438m W	Electricity Substation	1994	69877
Z	439m W	Electricity Substation	1985	69877
AF	442m NW	Gas Works	1893	89799
AF	442m NW	Gas Works	1908	89799
AH	446m NE	Electricity Substation	1996	90938
AH	446m NE	Electricity Substation	1999	90938
AH	446m NE	Electricity Substation	1972	90948
AH	446m NE	Electricity Substation	1985	90619
AF	456m NW	Gasholder Station	1984	86021
AF	456m NW	Gasholder Station	1957	77598
AF	480m NW	Electricity Substation	1956	74372
AF	481m NW	Electricity Substation	1955	74372
AF	481m NW	Electricity Substation	1984	90408
AF	481m NW	Electricity Substation	1957	74372
AF	481m NW	Electricity Substation	1996	90408
AF	487m NW	Gasometer	1893	86275
AF	487m NW	Gasometer	1908	86275

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



2.5 Historical garages

Records within 500m

32

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 28 >](#)

ID	Location	Land Use	Date	Group ID
A	On site	Garage	1960	22377
A	18m SW	Garage	1985	24384
A	18m SW	Garage	1990	24384
A	19m SW	Garage	1994	28619
A	19m SW	Garage	1990	24941
K	193m SE	Garage	1985	26493
K	198m SE	Garage	1999	30131
K	198m SE	Garage	1996	30131
N	226m N	Garage	1999	28345
N	226m N	Garage	1996	28345
N	227m N	Garage	1985	28003
P	228m SE	Garage	1956	23601
P	229m SE	Garage	1954	23601
P	229m SE	Garage	1964	23601
P	229m SE	Garage	1975	23601
E	242m SE	Garage	1998	22373
3	253m W	Garage	1985	22374
Q	271m SE	Garage	1960	22157
S	274m SE	Garage	1991	27954
S	275m SE	Garage	1998	27954
V	319m NW	Garage	1975	25356
V	327m NW	Garage	1985	27066
Z	361m W	Garage	1994	24234



ID	Location	Land Use	Date	Group ID
Z	362m W	Garage	1985	23274
Z	362m W	Garage	1990	23274
Z	362m W	Garage	1990	23274
Z	377m W	Garage	1975	25513
Z	378m W	Garage	1964	25513
AE	412m NW	Garage	1985	29088
AE	412m NW	Garage	1990	29088
AE	412m NW	Garage	1990	29088
AE	422m NW	Garage	1994	25797

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m**0**

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m**0**

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m**1**

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on [page 46 >](#)

ID	Location	Address	Further Details	Date
3	247m W	Site Address: 40 Kembble Street, Prescot, Merseyside, L34 5SQ, N.WEST	Type of Site: Treatment Studio (Conversion) Planning application reference: 21/00362/COU Description: Scheme comprises change of use from residential unit (use class C3) to reki treatment studio (use class e). Data source: Historic Planning Application Data Type: Point	30/04/202 1

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m**0**

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.



3.7 Waste exemptions

Records within 500m	9
----------------------------	----------

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 46](#) >

ID	Location	Site	Reference	Category	Sub-Category	Description
1	13m NW	-	WEX388671	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
2	158m S	Unit 5a, Cables Retail Park, Steley Way, Prescot, L34 5nq	WEX289417	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
A	240m NE	-	WEX249987	Using waste exemption	Not on a farm	Use of waste in construction
A	240m NE	-	WEX249987	Treating waste exemption	Not on a farm	Screening and blending of waste
4	282m SE	Scotchbarn Lane, Knowsley, Liverpool, L34 2tg	WEX001222	Using waste exemption	Not on a farm	Use of waste in construction
5	424m W	8, Mill Street, Prescot, L34 6ha	WEX167417	Treating waste exemption	Not on a farm	Screening and blending of waste
6	455m SW	-	WEX391719	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
7	473m SE	-	WEX223486	Using waste exemption	Not on a farm	Use of waste in construction
8	495m NW	Mckenna Court 11a, High Street, Prescot, L34 3ld	WEX164956	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Control of Major Accident Hazards
- Licensed pollutant release (Part A(2)/B)
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

26

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 49](#) >

ID	Location	Company	Address	Activity	Category
A	On site	Ashley & McDonough	A and M Group 5 Ashley Business Centre, East Street, Prescot, Merseyside, L34 5RR	Electrical and Electronic Engineers	Engineering Services
A	On site	N & D Service Station	2-3 Ashley Business Centre, East Street, Prescot, Merseyside, L34 5RR	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
A	On site	Ashley Business Centre	Merseyside, L34	Business Parks and Industrial Estates	Industrial Features
A	5m N	Works	Merseyside, L34	Unspecified Works Or Factories	Industrial Features
A	15m SE	Works	Merseyside, L34	Unspecified Works Or Factories	Industrial Features
A	34m W	Lane Ends Engineering Ltd	37-41, Houghton Street, Prescot, Merseyside, L34 5RS	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	34m NW	Electricity Sub Station	Merseyside, L34	Electrical Features	Infrastructure and Facilities
A	37m W	Factory	Merseyside, L34	Unspecified Works Or Factories	Industrial Features
A	38m W	Datacut Engineering	43-57, Houghton Street, Prescot, Merseyside, L34 5RS	Precision Engineers	Engineering Services
1	68m NE	Ian Morgan's Electronic Services	73, Warrington Road, Prescot, Merseyside, L34 5QY	Electrical Equipment Repair and Servicing	Repair and Servicing
2	115m N	A & A Prescot Re-upholstery	2, Queens Road, Prescot, Merseyside, L34 6JA	Furniture	Consumer Products
3	118m NE	The Watchfactory	Merseyside, L34	Unspecified Works Or Factories	Industrial Features
4	121m NW	Electricity Sub Station	Merseyside, L34	Electrical Features	Infrastructure and Facilities
B	152m E	Electricity Sub Station	Merseyside, L34	Electrical Features	Infrastructure and Facilities
C	154m SW	Electricity Sub Station	Merseyside, L34	Electrical Features	Infrastructure and Facilities
C	156m SW	Tank	Merseyside, L34	Tanks (Generic)	Industrial Features
B	158m E	Tank	Merseyside, L34	Tanks (Generic)	Industrial Features
5	165m S	Electricity Sub Station	Merseyside, L34	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
D	177m NE	Electricity Sub Station	Merseyside, L34	Electrical Features	Infrastructure and Facilities
D	182m NE	Electricity Sub Station	Merseyside, L34	Electrical Features	Infrastructure and Facilities
6	202m SE	Grahams Tune Up & Repair Centre	13, St James Road, Prescot, Merseyside, L34 5SU	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	216m W	Telephone Exchange	Merseyside, L34	Telecommunications Features	Infrastructure and Facilities
7	226m NW	Electricity Sub Station	Merseyside, L34	Electrical Features	Infrastructure and Facilities
8	230m NW	All Black Cabs	17, Warrington Road, Prescot, Merseyside, L34 5QX	Vehicle Hire and Rental	Hire Services
F	233m N	L & M Autos	1, Grosvenor Road, Prescot, Merseyside, L34 6HY	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	241m N	Electricity Sub Station	Merseyside, L34	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	3
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 49](#) >

ID	Location	Company	Address	LPG	Status
9	254m SE	ESSO	Warrington Road, Prescot, Merseyside, L35 6PE	Not Applicable	Obsolete
H	327m NW	TEXACO	19, St Helens Road, Prescot, Merseyside, L34 6HN	No	Open
I	440m SW	TESCO EXTRA	Steley Way, Steley Road, Cables Retail Park, Prescot, Merseyside, L34 5NQ	No	Open

This data is sourced from Experian.



4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
---------------------	---

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
---------------------	---

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	2
---------------------	---

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on [page 49](#) >

ID	Location	Company	Address	Operational status	Tier
11	371m NW	British Gas	British Gas, Ward Street, Prescot, L34 6JJ	Historical NIHHS Site	-
12	499m SW	Bicc Metals Ltd	Bicc Metals Ltd, Carr Lane, Prescott, L34 1PD	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m**0**

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m**0**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m**0**

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m**0**

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m**6**

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on [page 49](#) >

ID	Location	Address	Details	
E	186m W	Pirelli Components, Hall Lane, Prescot, L34 5UR	Process: Di-isocyanate Processes Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
G	301m SE	Premier Service Station, Warrington Rd, Prescot, L34 5ST	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
G	308m SE	Partington Motors, Warrington Road, Prescot, L34 5ST	Process: Waste Oil Burner 0.4 MW Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
H	336m NW	Prescot Fuel Service Station, St. Helens Road, Prescot, L34 6HN	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
10	349m NW	Prescot Dry Cleaners, 40 High Street, Prescot, L34 6HQ	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
I	467m SW	Tesco, Sewell Street, Prescot, L34 1ND	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0
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Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m	0
----------------------------	----------

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.14 Pollutant release to surface waters (Red List)

Records within 500m**0**

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m**0**

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m**0**

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m**0**

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m**2**

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on [page 49](#) >

ID	Location	Details	
J	469m NE	Incident Date: 15/03/2001 Incident Identification: 395 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	486m NE	Incident Date: 08/03/2001 Incident Identification: 108 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m

0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m

0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m

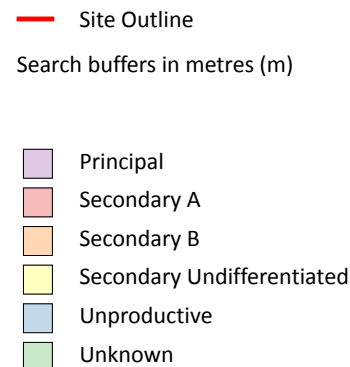
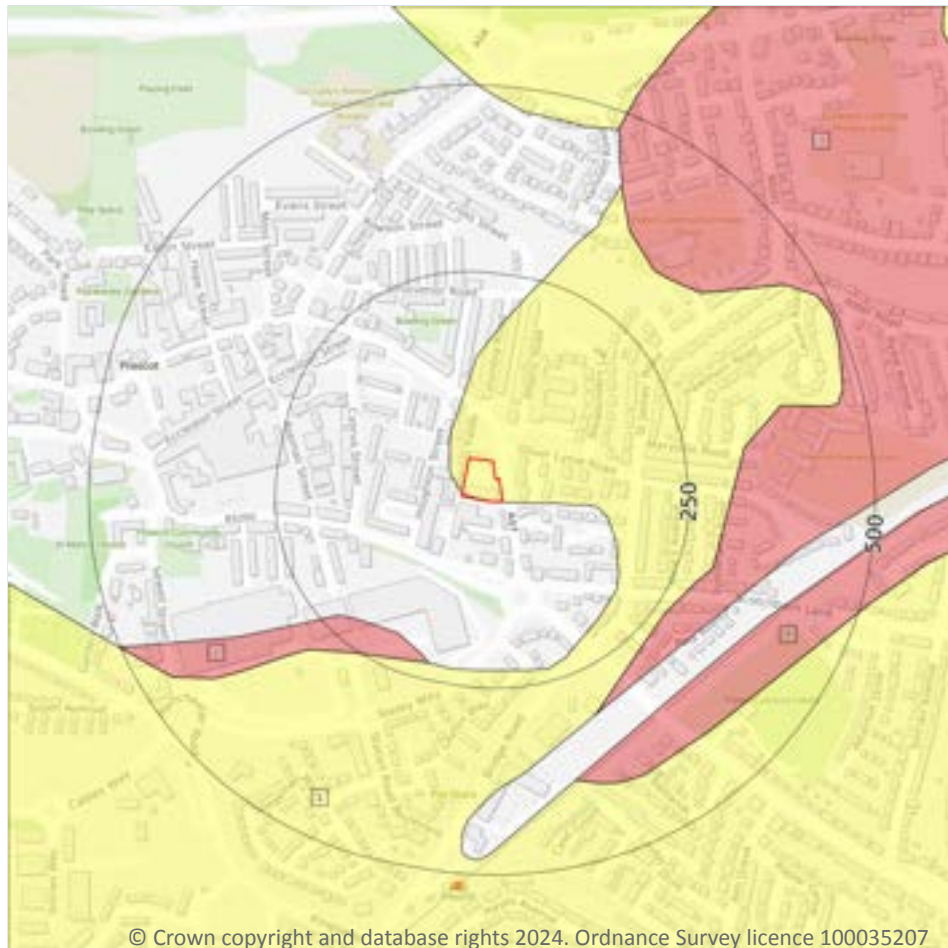
0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



5 Hydrogeology - Superficial aquifer



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5.1 Superficial aquifer

Records within 500m

4

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 57 >](#)

ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	202m SW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

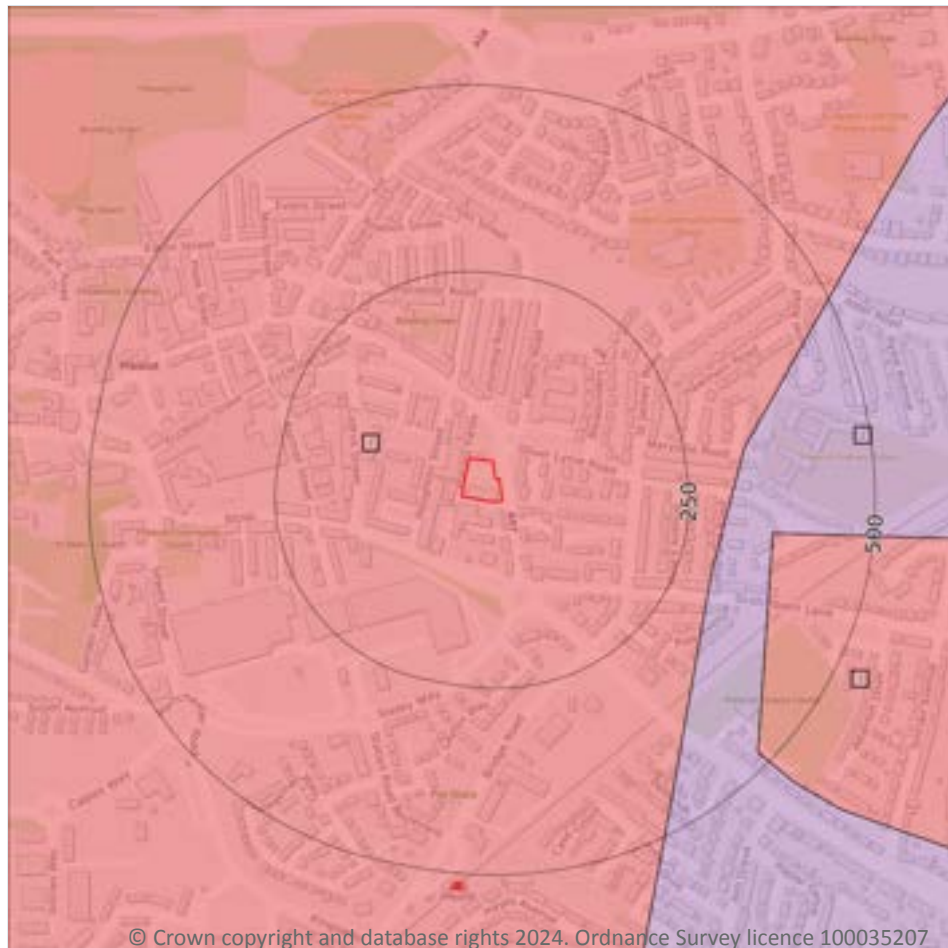


ID	Location	Designation	Description
3	265m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	348m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

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5.2 Bedrock aquifer

Records within 500m

3

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 59 >](#)

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	296m E	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

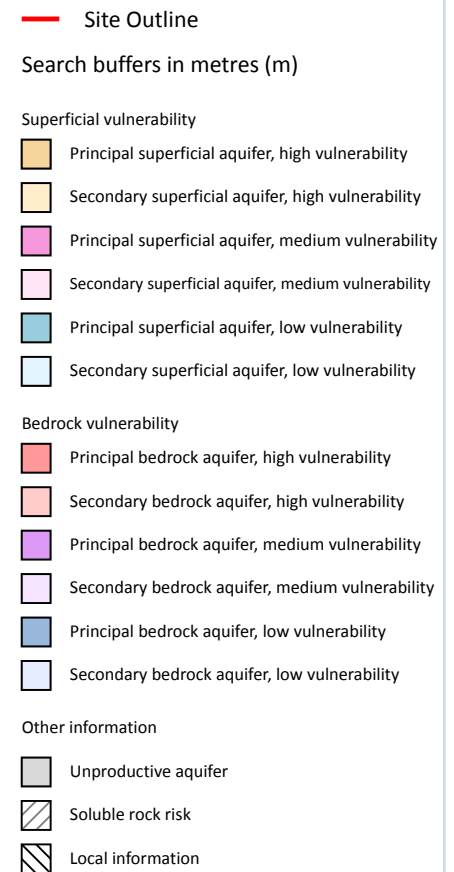
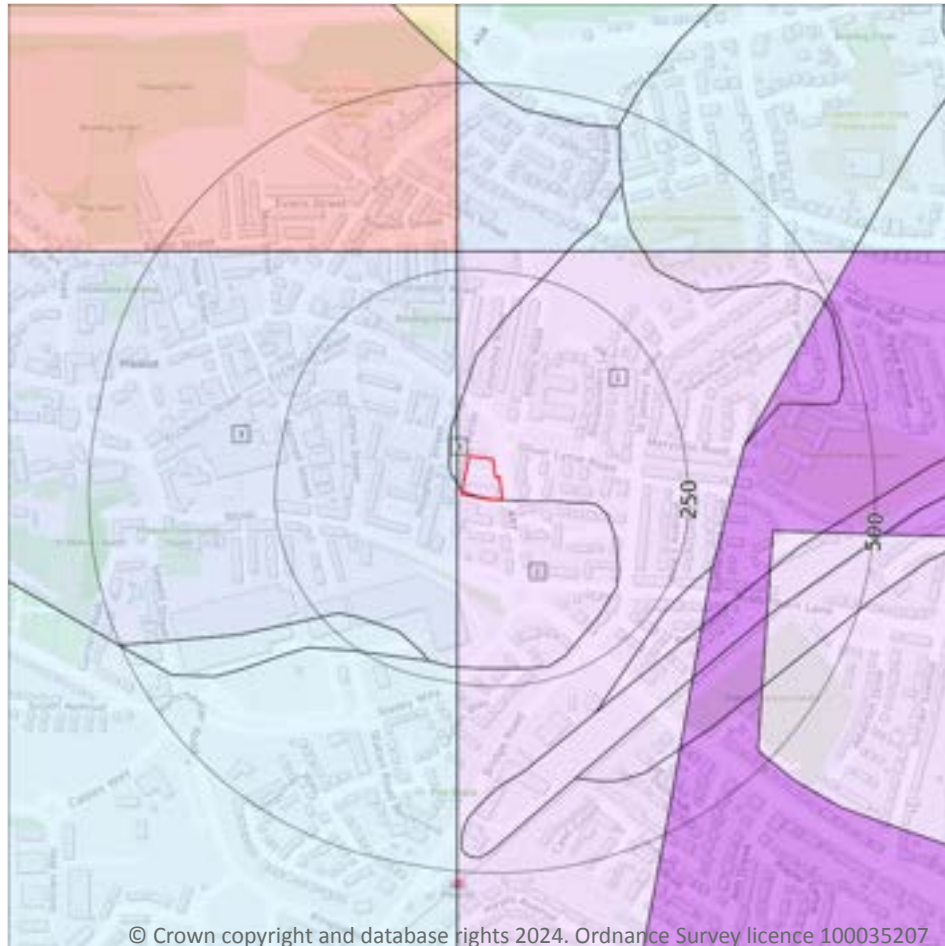


ID	Location	Designation	Description
3	365m E	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

4

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on [page 61](#) >

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300-550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
3	6m SW	Summary Classification: Secondary bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300-550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
4	8m W	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300-550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site

0

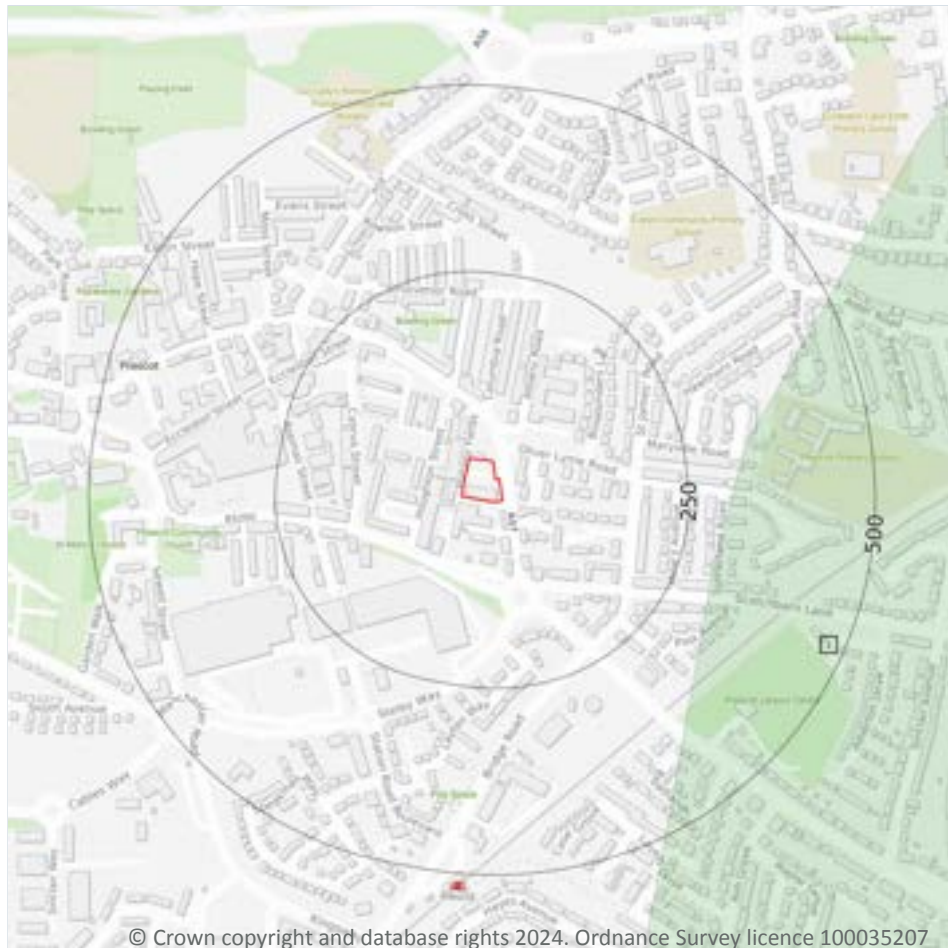
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.



This data is sourced from the British Geological Survey and the Environment Agency.



Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)**
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

10

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 64](#) >

ID	Location	Details	
-	1098m SE	Status: Historical Licence No: 2569025072 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "TWO BOREHOLES AT WHISTON HOSPITAL, PRESCOT, MERSEYSIDE" Data Type: Point Name: ST HELENS AND KNOWSLEY HOSPITALS Easting: 348000 Northing: 392100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/08/1992 Expiry Date: - Issue No: 100 Version Start Date: 13/08/1992 Version End Date: -
-	1098m SE	Status: Historical Licence No: 2569025072 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "TWO BOREHOLES AT WHISTON HOSPITAL, PRESCOT, MERSEYSIDE" Data Type: Point Name: ST HELENS AND KNOWSLEY HOSPITALS Easting: 348000 Northing: 392100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/08/1992 Expiry Date: - Issue No: 100 Version Start Date: 13/08/1992 Version End Date: -
-	1098m SE	Status: Historical Licence No: 2569025072 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: TWO BOREHOLES AT WHISTON HOSPITAL, PRESCOT, MERSEYSIDE Data Type: Point Name: ST HELENS AND KNOWSLEY HOSPITALS Easting: 348000 Northing: 392100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/08/1992 Expiry Date: - Issue No: 100 Version Start Date: 13/08/1992 Version End Date: -
-	1098m SE	Status: Historical Licence No: 2569025072 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: TWO BOREHOLES AT WHISTON HOSPITAL, PRESCOT, MERSEYSIDE Data Type: Point Name: ST HELENS AND KNOWSLEY HOSPITALS Easting: 348000 Northing: 392100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/08/1992 Expiry Date: - Issue No: 100 Version Start Date: 13/08/1992 Version End Date: -



ID	Location	Details	
-	1260m E	Status: Historical Licence No: 2569025020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT ECCLESTON PARK RAILWAY STATION Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 348300 Northing: 392900	Annual Volume (m ³): 295490 Max Daily Volume (m ³): 986.482 Original Application No: - Original Start Date: 31/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/07/1975 Version End Date: -
-	1640m SE	Status: Active Licence No: 2569028020 Details: Laundry Use Direct Source: Ground Water - North West Region Point: BOREHOLE AT STONEY LANE, RAINHILL Data Type: Point Name: Elis UK Limited Easting: 348100 Northing: 391400	Annual Volume (m ³): 118181.82 Max Daily Volume (m ³): 545.46 Original Application No: NPS/WR/034947 Original Start Date: 01/06/1993 Expiry Date: - Issue No: 103 Version Start Date: 20/01/2021 Version End Date: -
-	1640m SE	Status: Historical Licence No: 2569028020 Details: Laundry Use Direct Source: Ground Water - North West Region Point: "BOREHOLE AT STONEY LANE, RAINHILL" Data Type: Point Name: THE SUNLIGHT SERVICES GROUP LTD Easting: 348100 Northing: 391400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/06/1993 Expiry Date: - Issue No: 101 Version Start Date: 24/10/1996 Version End Date: -
-	1652m E	Status: Historical Licence No: 2569025083 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: "BOREHOLE AT ECCLESTON PARK GOLF CLUB, RAINHILL, MERSEYSIDE" Data Type: Point Name: E P GOLF LTD Easting: 348710 Northing: 392580	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/07/1999 Expiry Date: 12-Jul-04 Issue No: 2 Version Start Date: 26/10/2000 Version End Date: -
-	1652m E	Status: Historical Licence No: 2569025083 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT ECCLESTON PARK GOLF CLUB, RAINHILL, MERSEYSIDE Data Type: Point Name: E P GOLF LTD Easting: 348710 Northing: 392580	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/07/1999 Expiry Date: 12/07/2004 Issue No: 2 Version Start Date: 26/10/2000 Version End Date: -



ID	Location	Details	
-	1718m SE	Status: Historical Licence No: 2569028008 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 WELLS + CONNECTING B/HOLES, CUMBER LA, WHISTON, MERSEYSIDE Data Type: Point Name: NORTH WEST WATER LTD Easting: 348100 Northing: 391300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/03/1966 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	2
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Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 64 >](#)

ID	Location	Details	
-	1106m W	Status: Historical Licence No: 2569028003 Details: Spray Irrigation - Direct Direct Source: "Surface, Non-Tidal - North West Region" Point: "LOGWOOD MILL BROOK AT LH'S PREMISES, PRESCOT, MERSEYSIDE" Data Type: Point Name: JAMES WHITAKER & SONS NURSERYMEN LTD Easting: 345900 Northing: 392700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1999 Version End Date: -
-	1106m W	Status: Historical Licence No: 2569028003 Details: Spray Irrigation - Direct Direct Source: Surface, Non-Tidal - North West Region Point: LOGWOOD MILL BROOK AT LH'S PREMISES, PRESCOT, MERSEYSIDE Data Type: Point Name: JAMES WHITAKER & SONS NURSERYMEN LTD Easting: 345900 Northing: 392700	Annual Volume (m ³): 772.82 Max Daily Volume (m ³): 77.282 Original Application No: - Original Start Date: 04/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1999 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.



5.8 Potable abstractions

Records within 2000m

4

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 64 >](#)

ID	Location	Details	
-	1098m SE	Status: Historical Licence No: 2569025072 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "TWO BOREHOLES AT WHISTON HOSPITAL, PRESCOT, MERSEYSIDE" Data Type: Point Name: ST HELENS AND KNOWSLEY HOSPITALS Easting: 348000 Northing: 392100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/08/1992 Expiry Date: - Issue No: 100 Version Start Date: 13/08/1992 Version End Date: -
-	1098m SE	Status: Historical Licence No: 2569025072 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: TWO BOREHOLES AT WHISTON HOSPITAL, PRESCOT, MERSEYSIDE Data Type: Point Name: ST HELENS AND KNOWSLEY HOSPITALS Easting: 348000 Northing: 392100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/08/1992 Expiry Date: - Issue No: 100 Version Start Date: 13/08/1992 Version End Date: -
-	1260m E	Status: Historical Licence No: 2569025020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT ECCLESTON PARK RAILWAY STATION Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 348300 Northing: 392900	Annual Volume (m ³): 295490 Max Daily Volume (m ³): 986.482 Original Application No: - Original Start Date: 31/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/07/1975 Version End Date: -



ID	Location	Details	
-	1718m SE	Status: Historical Licence No: 2569028008 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 WELLS + CONNECTING B/HOLES, CUMBER LA, WHISTON, MERSEYSIDE Data Type: Point Name: NORTH WEST WATER LTD Easting: 348100 Northing: 391300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/03/1966 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	1
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 64 >](#)

ID	Location	Type	Description
1	297m E	3	Total catchment

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
----------------------------	----------

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

0

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on [page 70](#) >

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Prescot Brook (Logwood Mill Brook)	GB112069060710	Ditton	Mersey Lower

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified

1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on [page 70](#) >

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	970m SW	River	Prescot Brook (Logwood Mill Brook)	GB112069060710 ↗	Poor	Fail	Poor	2019

This data is sourced from the Environment Agency and Natural Resources Wales.



6.5 WFD Groundwater bodies

Records on site

1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 70](#) >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Sankey and Glaze Carboniferous aquifers	GB41202G100100 ↗	Poor	Poor	Good	2019

This data is sourced from the Environment Agency and Natural Resources Wales.



7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m

0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding

8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

Negligible

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site. The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

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9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

Low

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on [page 77 >](#)

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m

0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

4

Areas designated to prevent urban sprawl by keeping land permanently open.

Features are displayed on the Environmental designations map on [page 78 >](#)

ID	Location	Name	Local Authority name
1	545m N	Merseyside and Greater Manchester	Knowsley
2	569m N	Merseyside and Greater Manchester	St. Helens
3	1197m E	Merseyside and Greater Manchester	Knowsley
-	1652m E	Merseyside and Greater Manchester	St. Helens

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.



10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

4

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Dittton Brook (Halewood to Mersey Estuary) NVZ	Surface Water	640	Existing
270m NE	Sankey Brook (Black Bk to Mersey) NVZ	Surface Water	639	Existing
1424m W	ALT NVZ	Surface Water	642	Existing
1911m NW	Dittton Brook (Halewood to Mersey Estuary) NVZ	Surface Water	640	Existing

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on [page 83](#) >

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m². Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.



11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

2

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on [page 85 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	120m NE	Former Premises Of The Lancashire Watch Company Now Forming Part Of The Prescot Trade Centre	II	1288239	21/05/1991
3	222m NW	Number 20 Detached Workshop To Rear Of	II	1343472	21/05/1991

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



11.5 Conservation Areas

Records within 250m

1

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

Features are displayed on the Visual and cultural designations map on [page 85](#) >

ID	Location	Name	District	Date of designation
2	167m NW	Prescot Town Centre, Knowsley	Knowsley	1974

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m

0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

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12.1 Agricultural Land Classification

Records within 250m

1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on [page 88](#) >

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m**0**

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m**0**

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m**0**

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m**0**

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m

0

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- Full coverage
 - Partial coverage
 - No coverage

14.1 10k Availability

Records within 500m

1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on [page 91](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	No coverage	No coverage	No coverage	NoCov

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground

14.2 Artificial and made ground (10k)

Records within 500m

0

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m

0

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock

14.5 Bedrock geology (10k)

Records within 500m

0

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

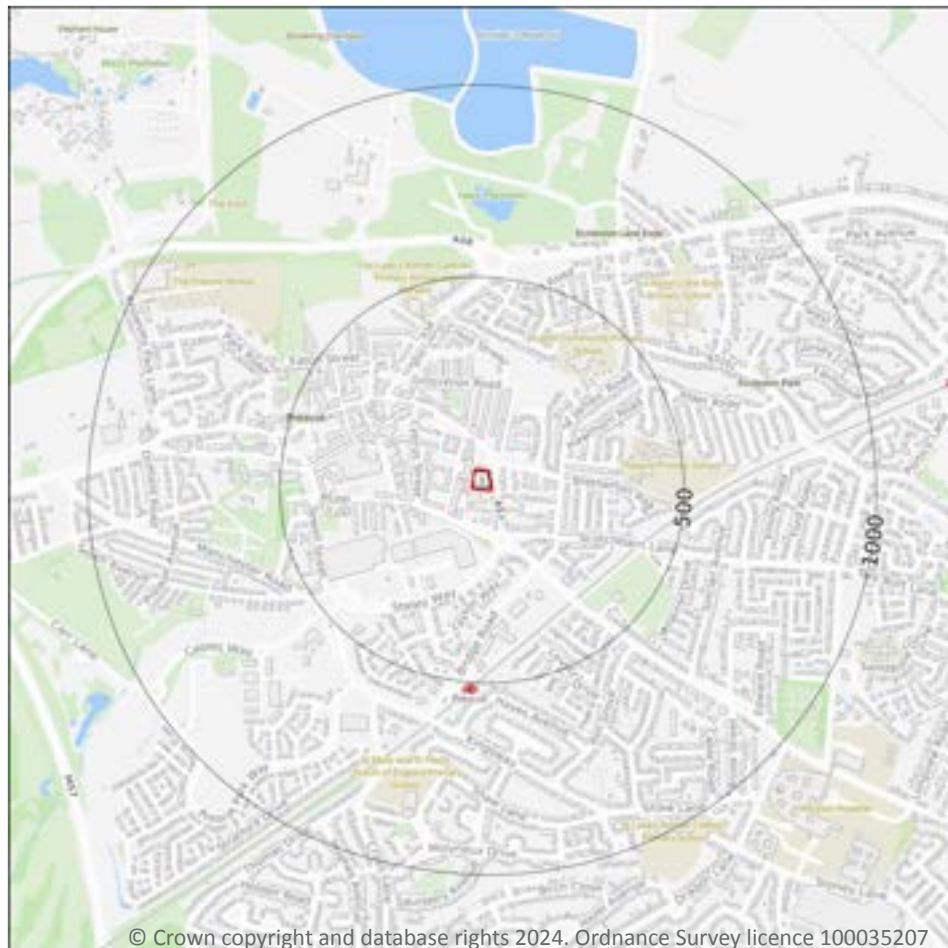
0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline

Search buffers in metres (m)

☐ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on [page 95](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW097_runcorn_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground

15.2 Artificial and made ground (50k)

Records within 500m

0

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

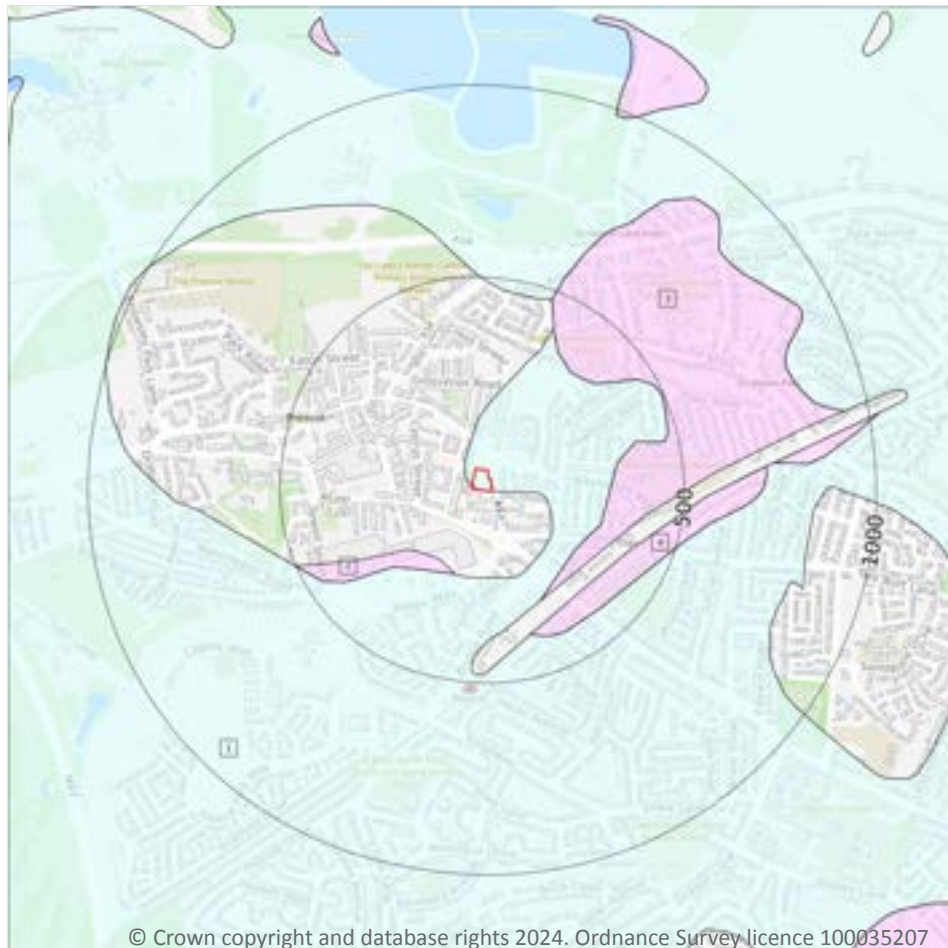
0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



— Site Outline
Search buffers in metres (m)

 Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

4

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 97](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
2	202m SW	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL
3	265m SE	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL

ID	Location	LEX Code	Description	Rock description
4	348m SE	GFDUD-XSV	GLACIOFLUVIAL DEPOSITS, DEVENSIAN	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	1
---------------------------	----------

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0
----------------------------	----------

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

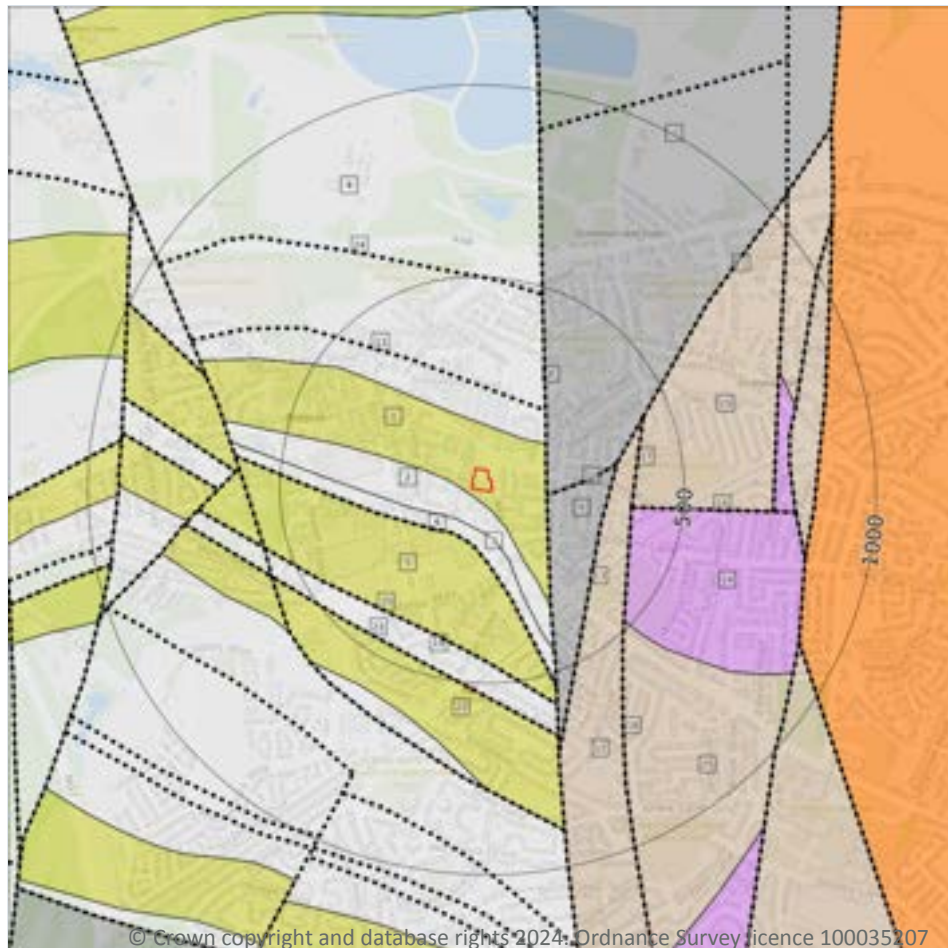
15.7 Landslip permeability (50k)

Records within 50m	0
---------------------------	----------

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

13

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 99](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	PLCM-SDST	PENNINE LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
2	14m SW	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

ID	Location	LEX Code	Description	Rock age
3	89m SW	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
4	109m N	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
5	126m SW	PLCM-SDST	PENNINE LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
7	141m E	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
9	142m E	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
12	296m E	KNSF-SDST	KINNERTON SANDSTONE FORMATION - SANDSTONE	-
14	365m E	ETM-MDSC	ETRURIA FORMATION - MUDSTONE, SANDSTONE AND CONGLOMERATE	WESTPHALIAN
15	365m E	KNSF-SDST	KINNERTON SANDSTONE FORMATION - SANDSTONE	-
19	385m SW	PLCM-MDSS	PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
22	459m SW	PLCM-SDST	PENNINE LOWER COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
25	481m SE	KNSF-SDST	KINNERTON SANDSTONE FORMATION - SANDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	2
---------------------------	----------

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	High	Moderate
14m SW	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.



15.10 Bedrock faults and other linear features (50k)

Records within 500m

12

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 99](#) >

ID	Location	Category	Description
6	126m SW	ROCK	Coal seam, inferred
8	141m E	FAULT	Fault, inferred
10	142m E	FOSSIL_HORIZON	Marine band
11	200m N	ROCK	Coal seam, inferred
13	296m E	FAULT	Fault, inferred
16	365m E	FAULT	Fault, observed
17	365m E	FAULT	Fault, inferred
18	365m E	FAULT	Fault, observed
20	385m SW	ROCK	Coal seam, inferred
21	428m E	FAULT	Fault, inferred
23	459m SW	ROCK	Coal seam, inferred
24	480m N	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

15

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on [page 102](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	68m SW	346986 392609	BICC PRESCOT B17	5.0	N	165750 ↗
2	102m SW	346976 392577	BICC PRESCOT B4	21.0	N	165741 ↗

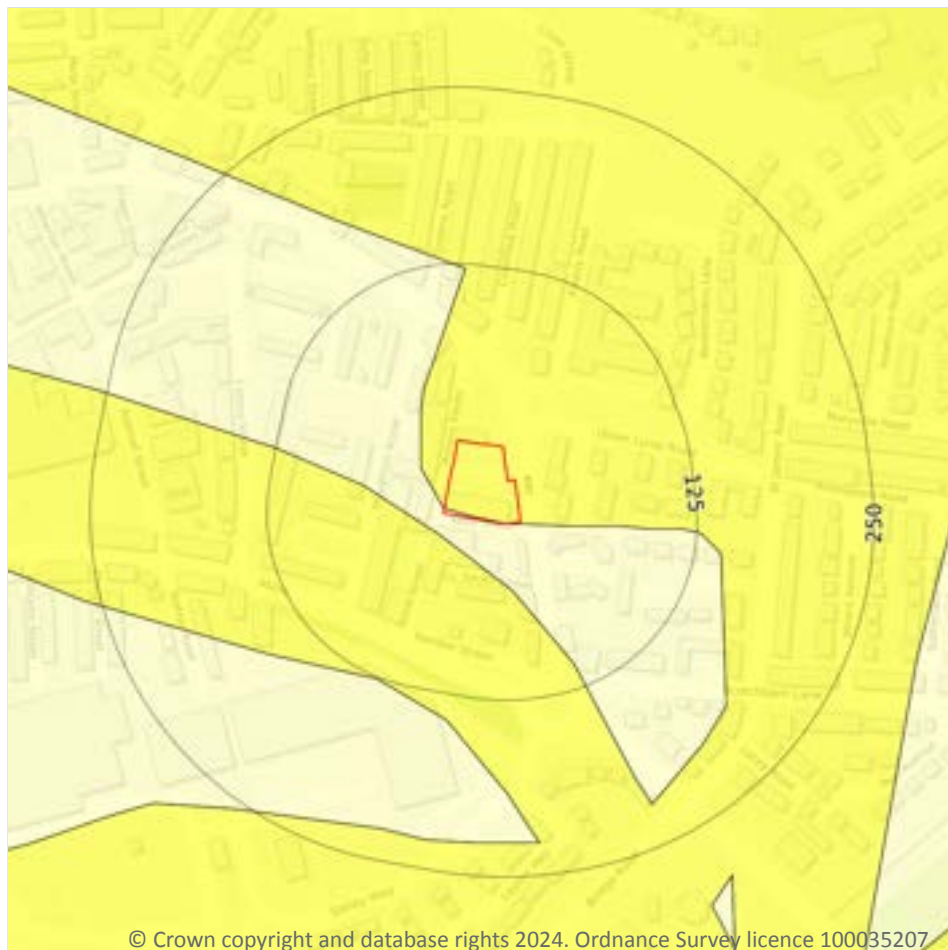


ID	Location	Grid reference	Name	Length	Confidential	Web link
A	113m NE	347116 392811	TELECOM TOWER NER 0081 PRESCOT TRADE CENTRE 2	1.7	N	18966616 ↗
A	114m NE	347120 392810	PRESCOT TRADE CENTRE 2	1.7	N	165853 ↗
A	114m NE	347120 392810	PRESCOT TRADE CENTRE 1	1.7	N	165852 ↗
A	117m NE	347117 392816	TELECOM TOWER MER 0081 PRESCOT TRADE CENTRE 1	1.7	N	18966614 ↗
3	189m S	347021 392480	BICC PRESCOT B5	10.0	N	165742 ↗
4	195m SW	346922 392498	BICC PRESCOT B3 & 3A	30.0	N	165740 ↗
5	213m SW	346858 392521	BICC PRESCOT TP A3 & A3A	4.0	N	165756 ↗
B	227m SW	346826 392536	BICC PRESCOT B2	6.0	N	165739 ↗
B	233m SW	346822 392531	BICC PRESCOT B2B	5.0	N	165753 ↗
6	235m S	347098 392436	BICC PRESCOT TP A9	3.0	N	165761 ↗
7	238m SE	347200 392475	PREMIER SERVICE STATION, WARRINGTON ROAD, PRESCOT 1	3.5	N	17627975 ↗
8	244m S	347015 392425	BICC PRESCOT TP A12 & A12A	4.0	N	165763 ↗
9	249m SW	346890 392454	BICC PRESCOT TP A4	2.0	N	165757 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.1 Shrink swell clays

Records within 50m

2

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

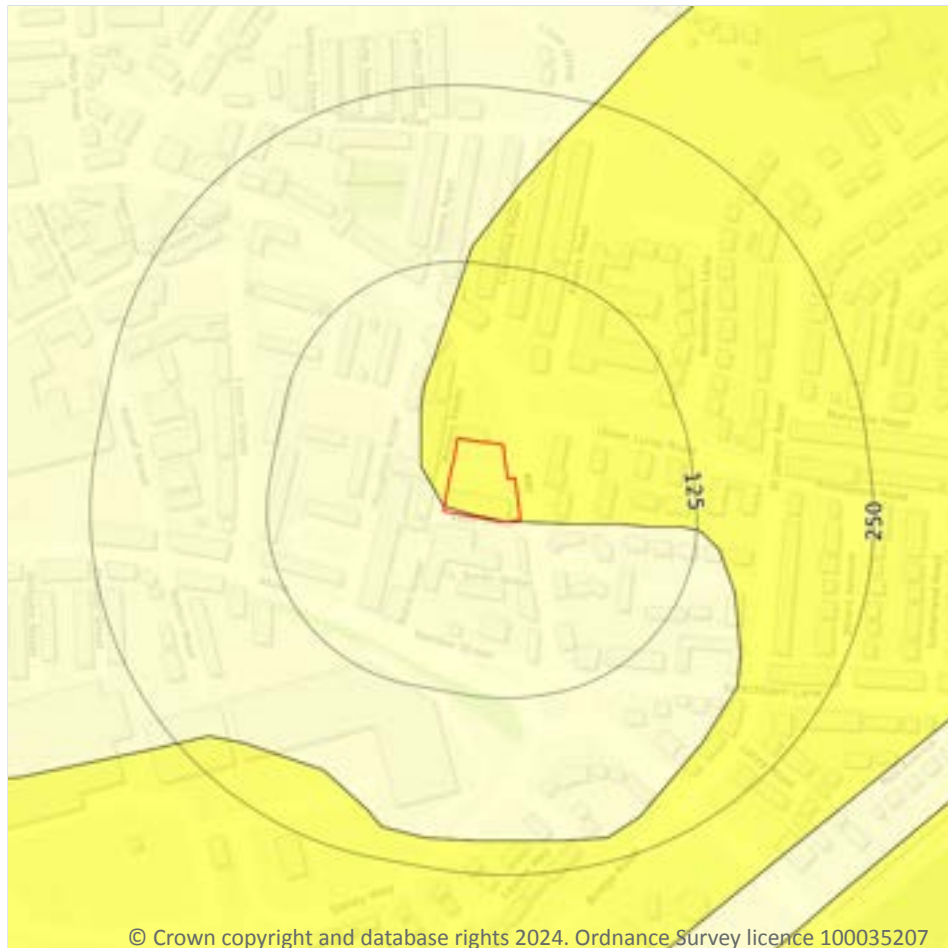
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 104 >](#)

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.2 Running sands

Records within 50m

2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on [page 105 >](#)

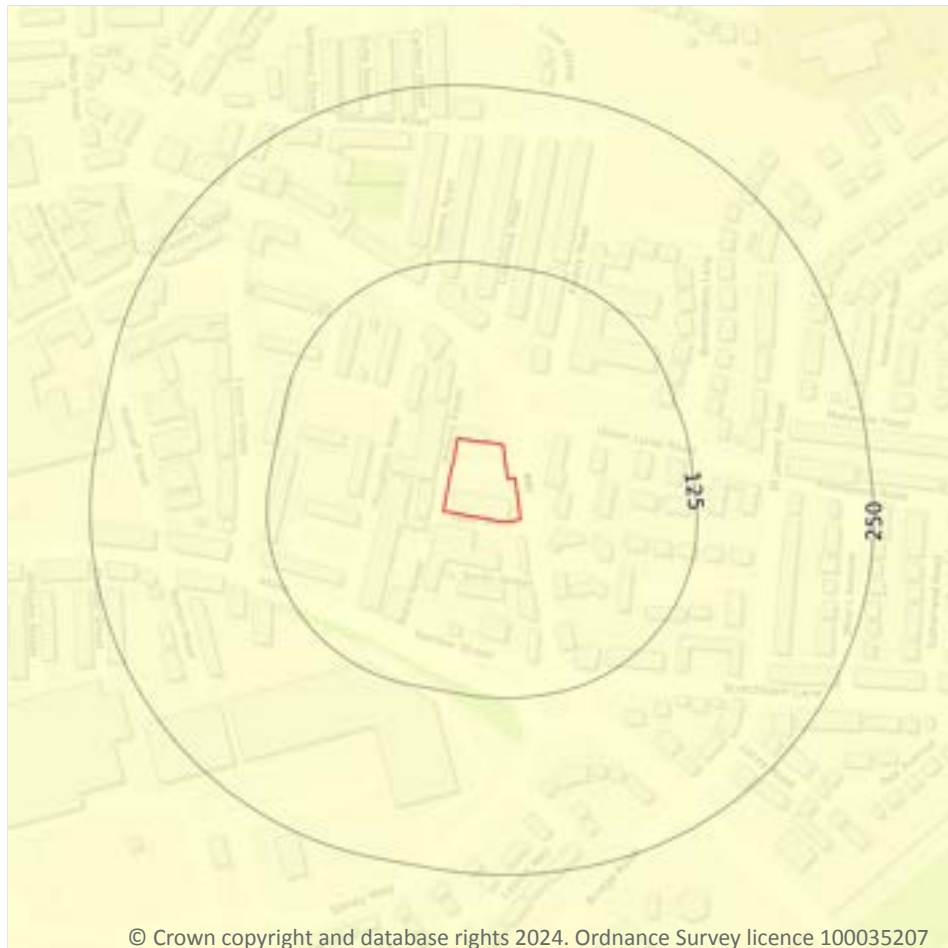
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.3 Compressible deposits

Records within 50m

1

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

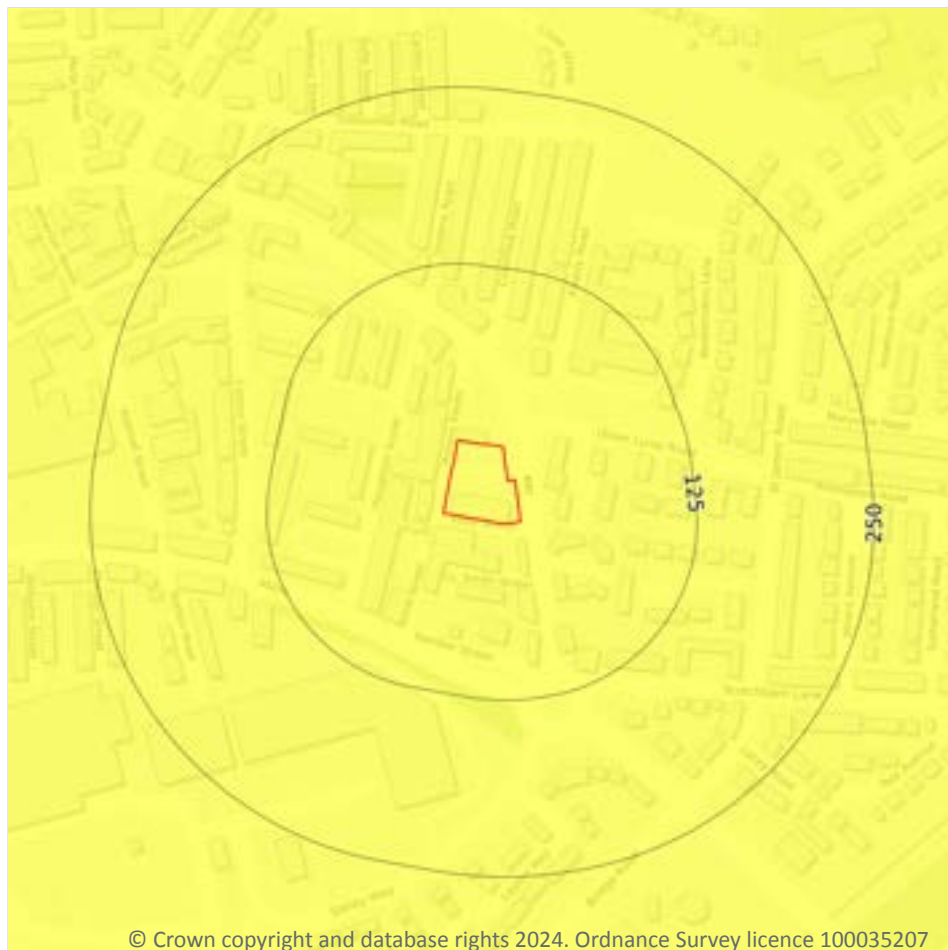
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 107](#) >

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.4 Collapsible deposits

Records within 50m

1

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

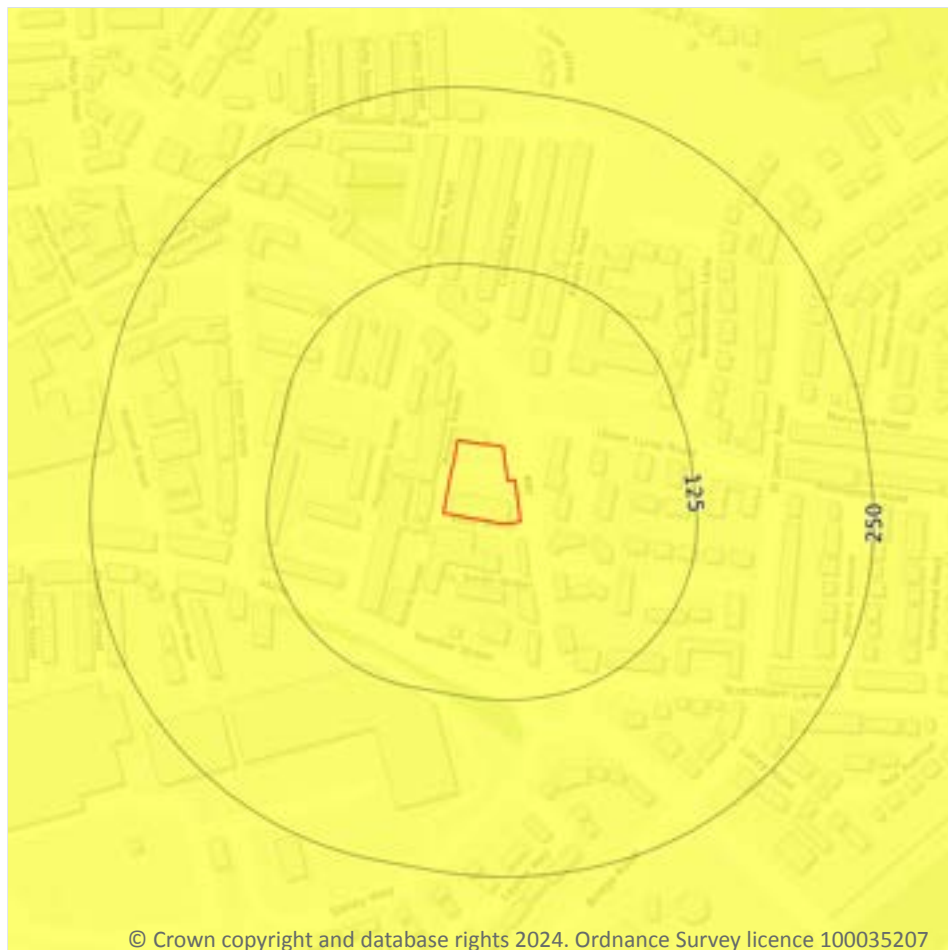
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 108 >](#)

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.5 Landslides

Records within 50m

1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

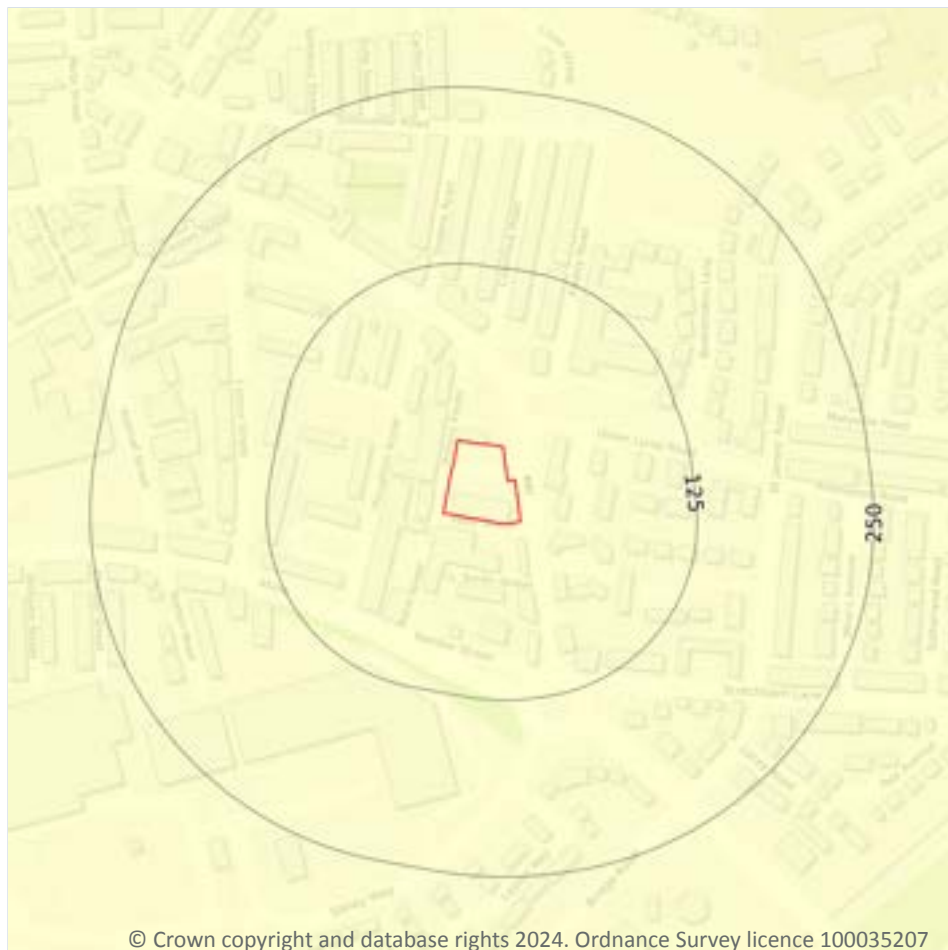
Features are displayed on the Natural ground subsidence - Landslides map on [page 109](#) >

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



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- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 110 >](#)

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- ▢ Surface ground workings
- ▢ Underground workings
- ▢ Underground mining extents
- ▢ Historical mineral planning areas
- ▢ TCA non-coal mining
- Non Coal Mining
- ▢ Sporadic underground mining of restricted extent possible
- ▢ Localised small scale underground mining possible
- ▢ Small scale mining possible
- ▢ Underground mining known or likely within or in close proximity
- ▢ Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

2

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining and ground workings map on [page 112](#) >

ID	Location	Details	Description
A	338m SW	Name: Prescot Address: PRESCOT, Merseyside Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	348m SE	Name: Chorley Hill Sand Pit Address: PRESCOT, Merseyside Commodity: Sand Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

0

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

6

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining and ground workings map on [page 112](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
G	482m SW	Unspecified Old Shaft	1906	1:10560
G	485m SW	Unspecified Old Shaft	1925	1:10560
G	486m SW	Unspecified Old Shaft	1891	1:10560
Q	544m SW	Unspecified Old Shaft	1891	1:10560
Q	546m SW	Unspecified Old Shaft	1906	1:10560
Q	550m SW	Unspecified Old Shaft	1925	1:10560

This is data is sourced from Ordnance Survey/Groundsure.



18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

1

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining and ground workings map on [page 112 >](#)

ID	Location	Name	Commodity	Class	Likelihood
3	365m E	Not available	Vein Mineral	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.



18.8 The Coal Authority non-coal mining

Records within 500m**0**

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m**1**

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

Location	Mineral type
301m SW	Stone

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m**0**

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m**0**

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.



18.12 Coal mining

Records on site	1
-----------------	---

Areas which could be affected by past, current or future coal mining.

Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0
-----------------	---

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site	0
-----------------	---

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0
-----------------	---

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
-----------------	---

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).



19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

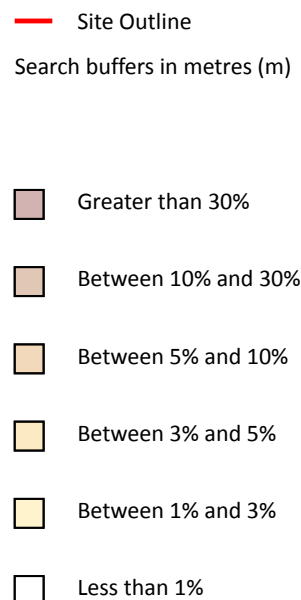
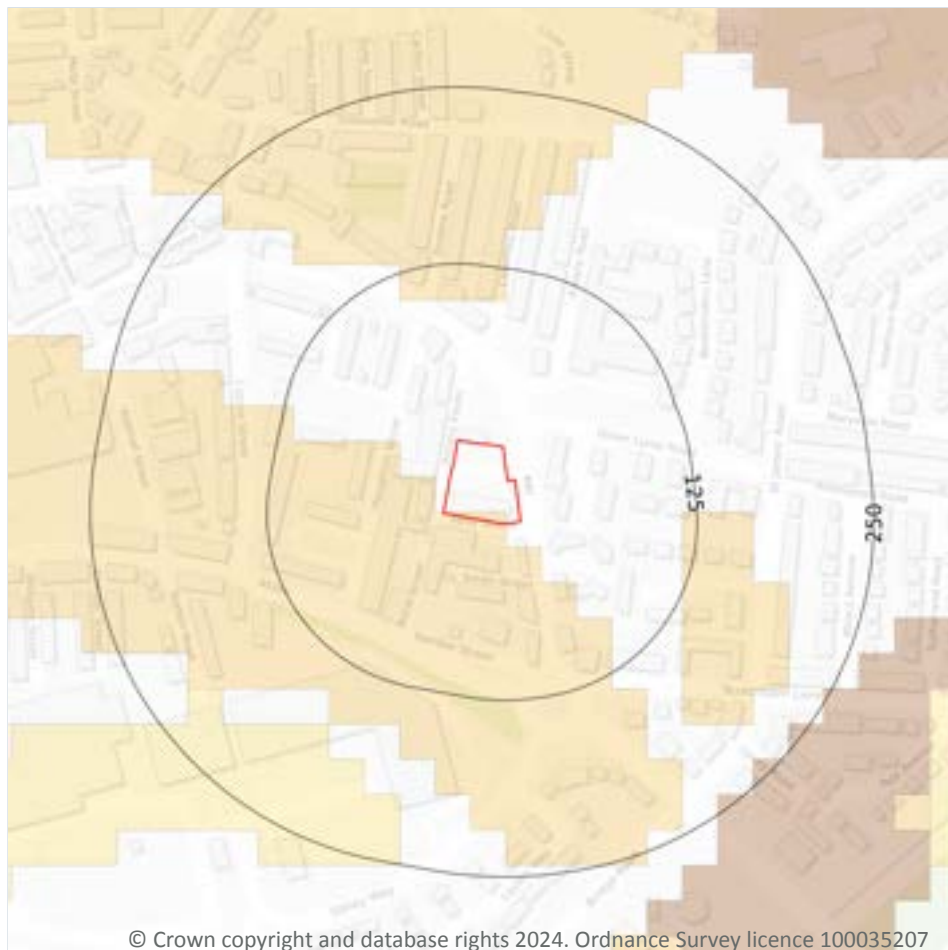
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.



20 Radon



20.1 Radon

Records on site

2

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on [page 119](#) >

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 3% and 5%	Basic



Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None

This data is sourced from the British Geological Survey and UK Health Security Agency.



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

6

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
6m SW	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 - 2.2 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
8m W	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
14m SW	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 - 2.2 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
15m SW	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.



21.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



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- Site Outline
- Search buffers in metres (m)
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m

0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.



This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

18

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on [page 123 >](#)

Location	Land Use	Year of mapping	Mapping scale
104m S	Railway Sidings	1956	10560
108m S	Railway Sidings	1938	10560
111m S	Railway Sidings	1956	2500
111m S	Railway Sidings	1954	1250
113m SW	Railway Sidings	1925	10560
113m SW	Railway Sidings	1950	10560
117m SW	Railway Sidings	1937	2500
117m SW	Railway Sidings	1927	2500
120m S	Railway Sidings	1925	10560
167m S	Railway Sidings	1954	1250
216m S	Railway Sidings	1978	10000
233m S	Railway Sidings	1955	2500
233m S	Railway Sidings	1954	1250
234m S	Railway Sidings	1972	1250
234m S	Railway Sidings	1975	1250
234m S	Railway Sidings	1964	1250
234m S	Railway Sidings	1962	1250



Location	Land Use	Year of mapping	Mapping scale
238m S	Railway Sidings	1908	2500

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0
----------------------------	----------

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	0
----------------------------	----------

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	0
----------------------------	----------

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 1

Records within 500m	0
----------------------------	----------

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.



22.9 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference> ↗.

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Appendix B2 – Historical Ordnance Survey Maps

Site Details:

Ashley Business Centre, Prescot,
L34 5RR

Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: 1056 Scale Town Plan

Map date: 1852

Scale: 1:1,056

Printed at: 1:1,056



Surveyed 1848
Revised N/A
Edition 1852
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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1893

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1893
Revised 1893
Edition N/A
Copyright N/A
Levelled N/A

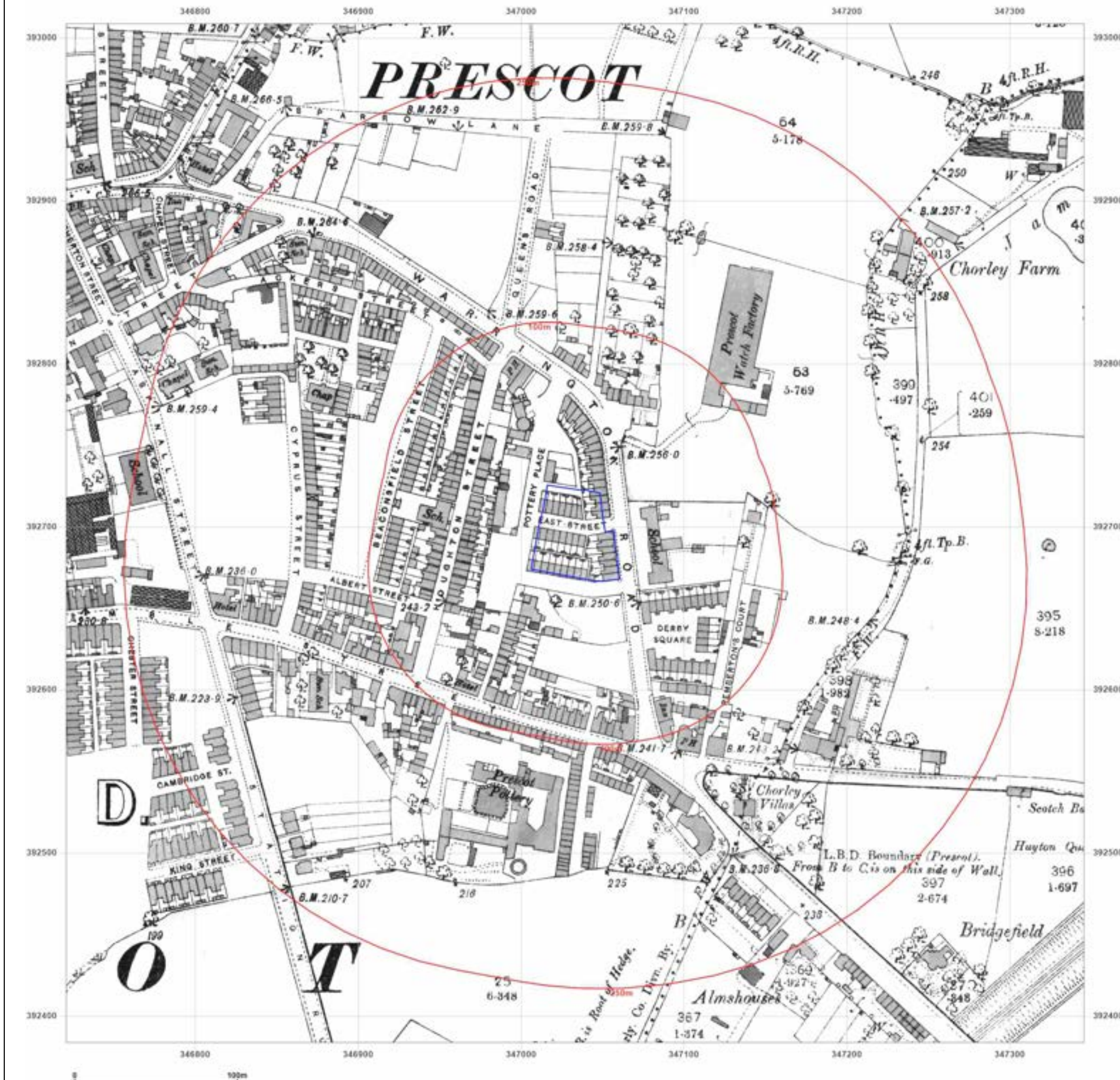


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1908

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1908
Revised 1908
Edition N/A
Copyright N/A
Levelled N/A

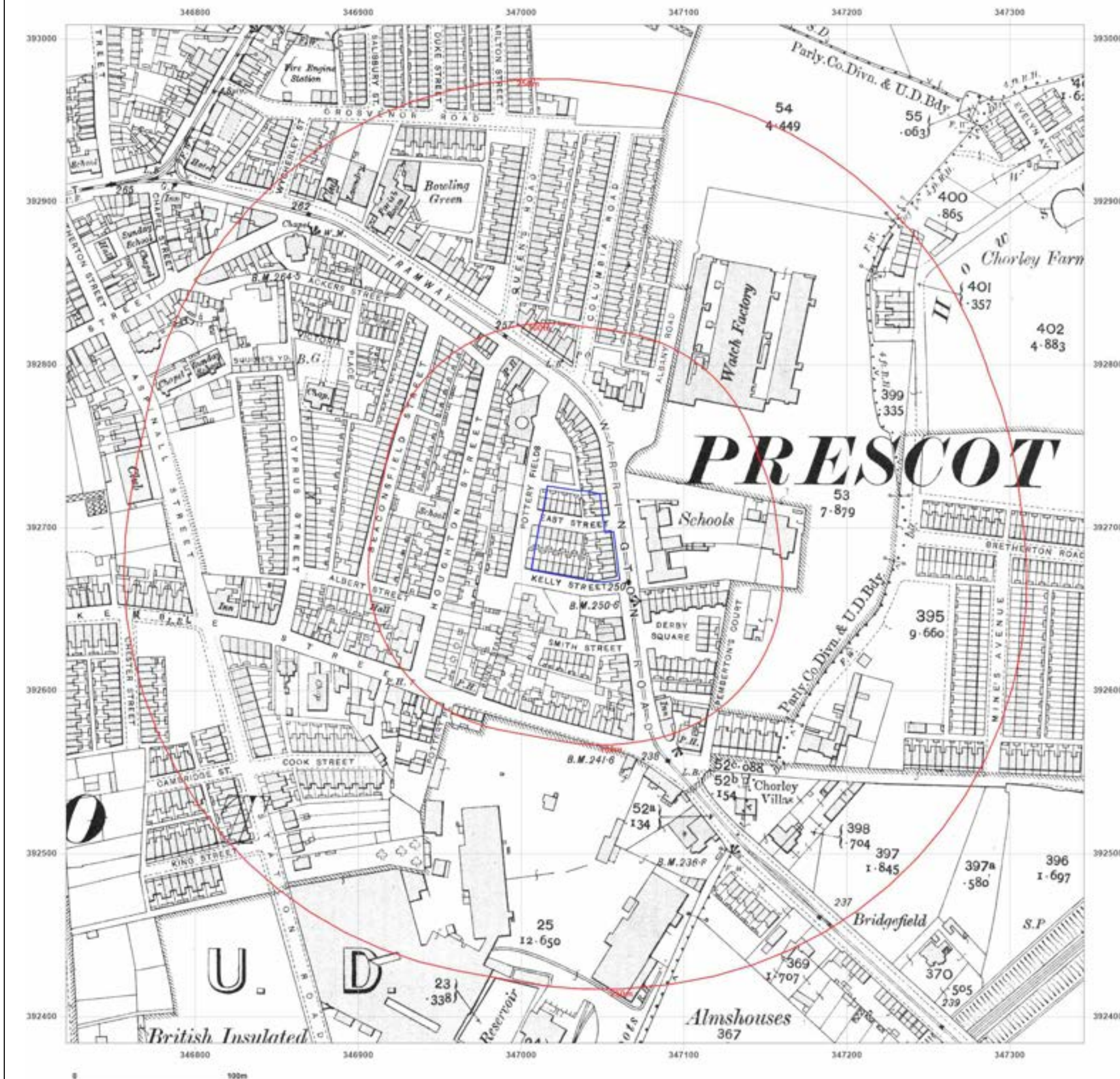


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1927

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1927
Revised 1927
Edition N/A
Copyright N/A
Levelled N/A

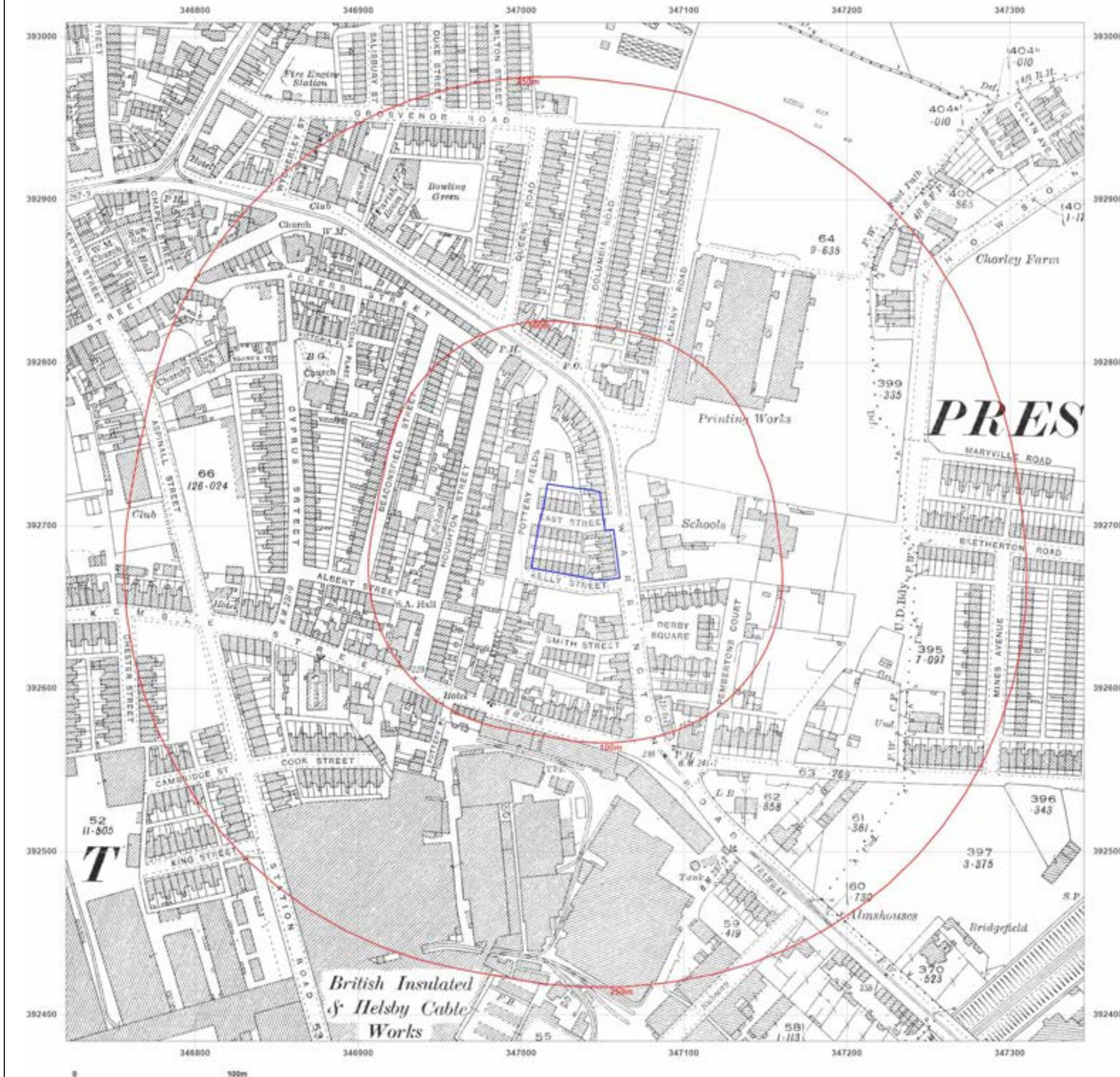


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1937

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1937
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Edition N/A
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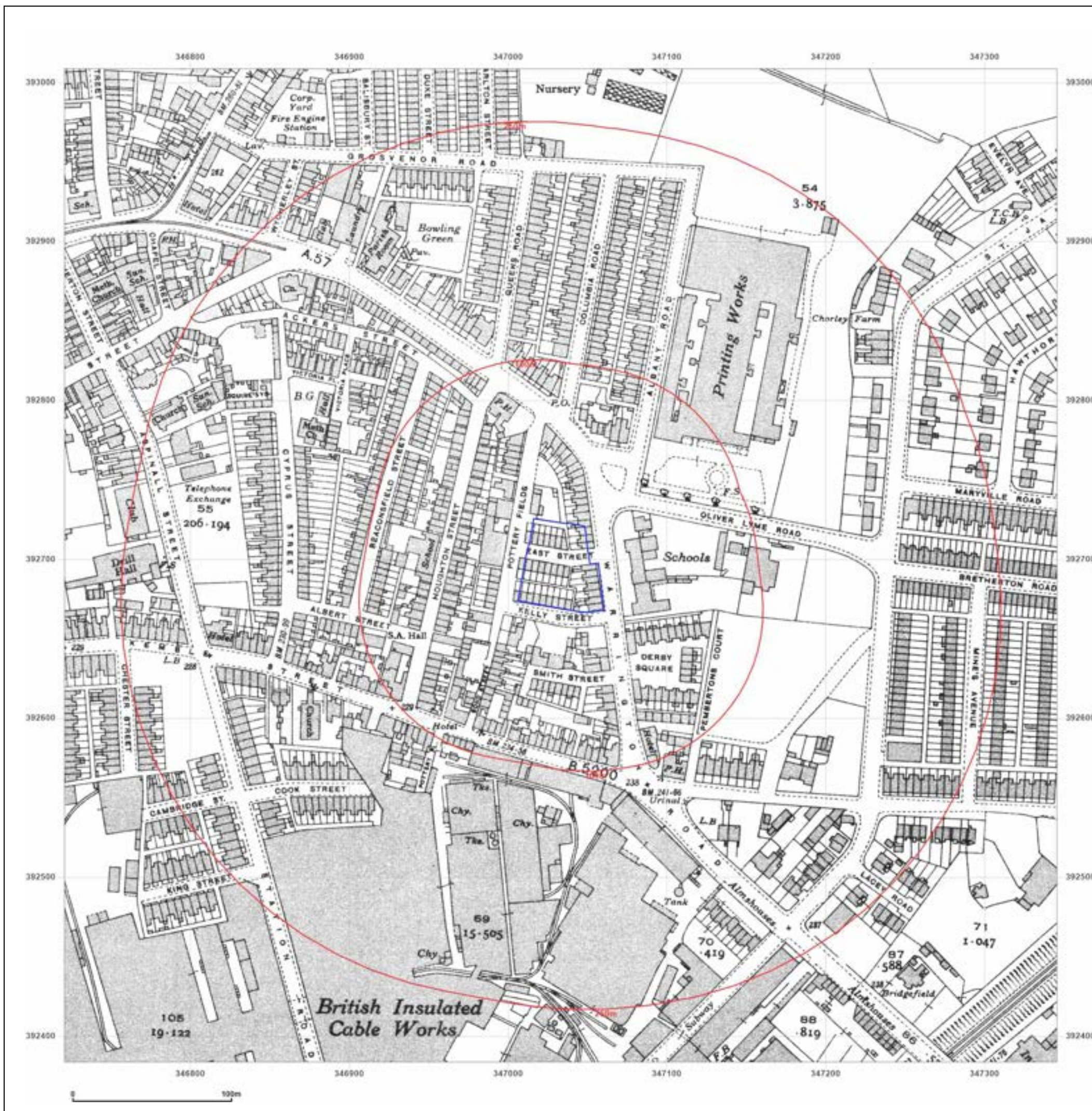


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1954

Scale: 1:1,250

Printed at: 1:2,000



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Levelled 1946

Surveyed 1954
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Edition N/A
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Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1955

Scale: 1:1,250

Printed at: 1:2,000

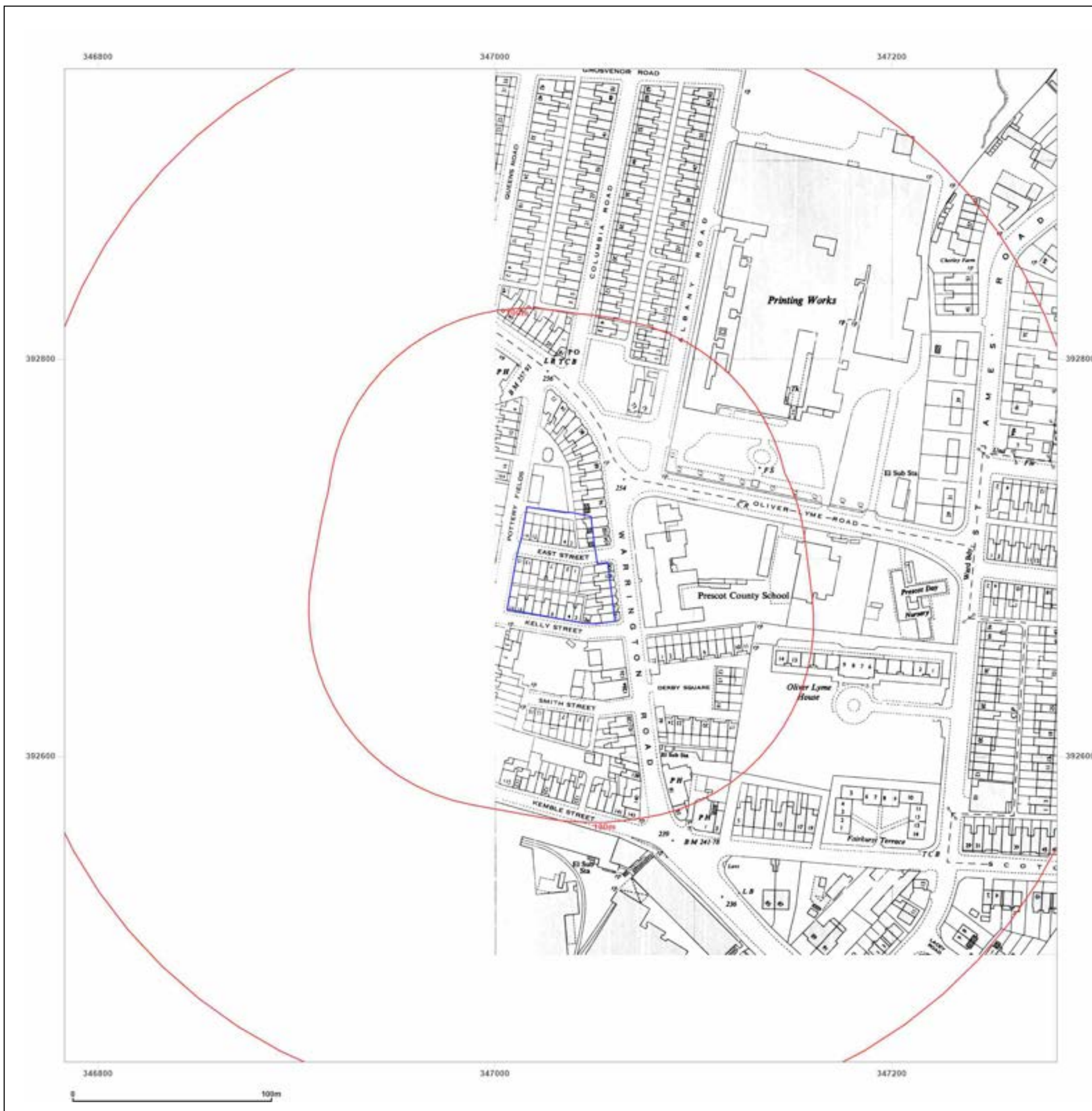


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1955-1956

Scale: 1:2,500

Printed at: 1:2,500



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Edition 1956
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Levelled 1926

Surveyed 1954
Revised 1954
Edition 1955
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Revised 1955
Edition 1956
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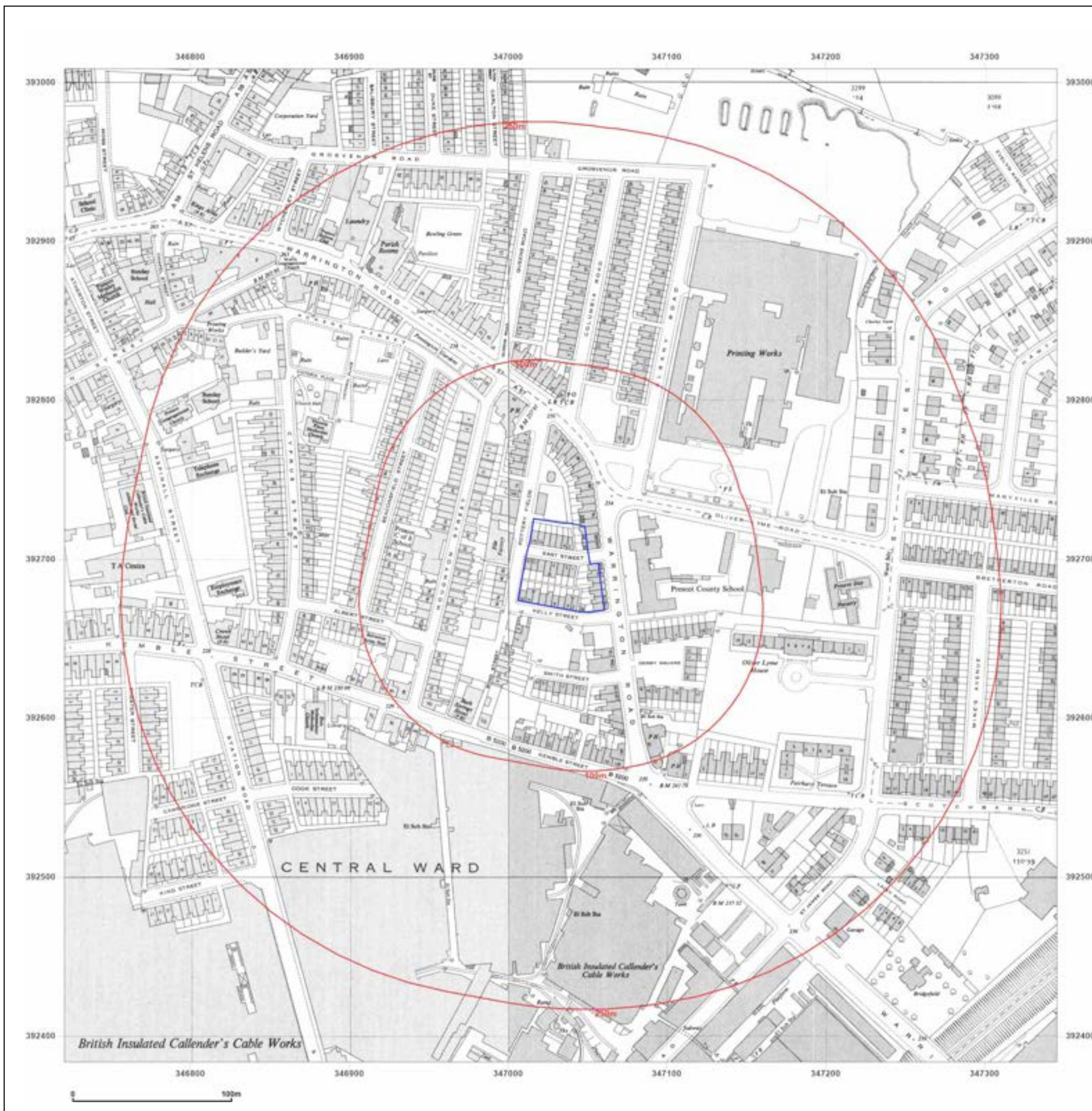


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1955-1960

Scale: 1:1,250

Printed at: 1:2,000



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Surveyed 1954
Revised 1960
Edition N/A
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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1962-1964

Scale: 1:1,250

Printed at: 1:2,000



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Surveyed 1954
Revised 1962
Edition N/A
Copyright 1962
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Surveyed 1954
Revised 1964
Edition N/A
Copyright 1964
Levelled 1957

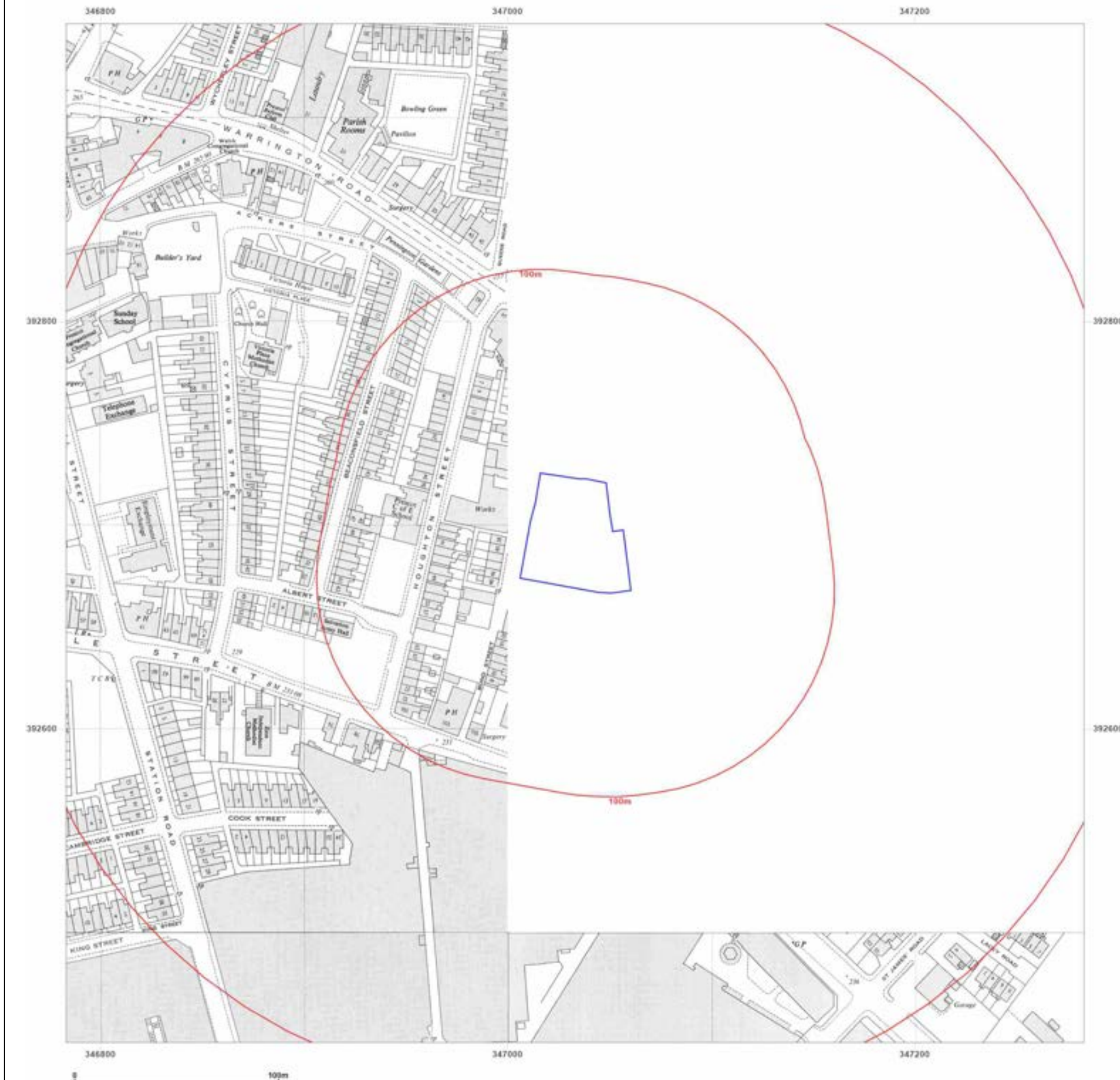


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1972-1974

Scale: 1:1,250

Printed at: 1:2,000



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Edition N/A
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Revised 1971
Edition N/A
Copyright 1972
Levelled 1957

Surveyed 1954
Revised 1971
Edition N/A
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Levelled 1957

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Revised N/A
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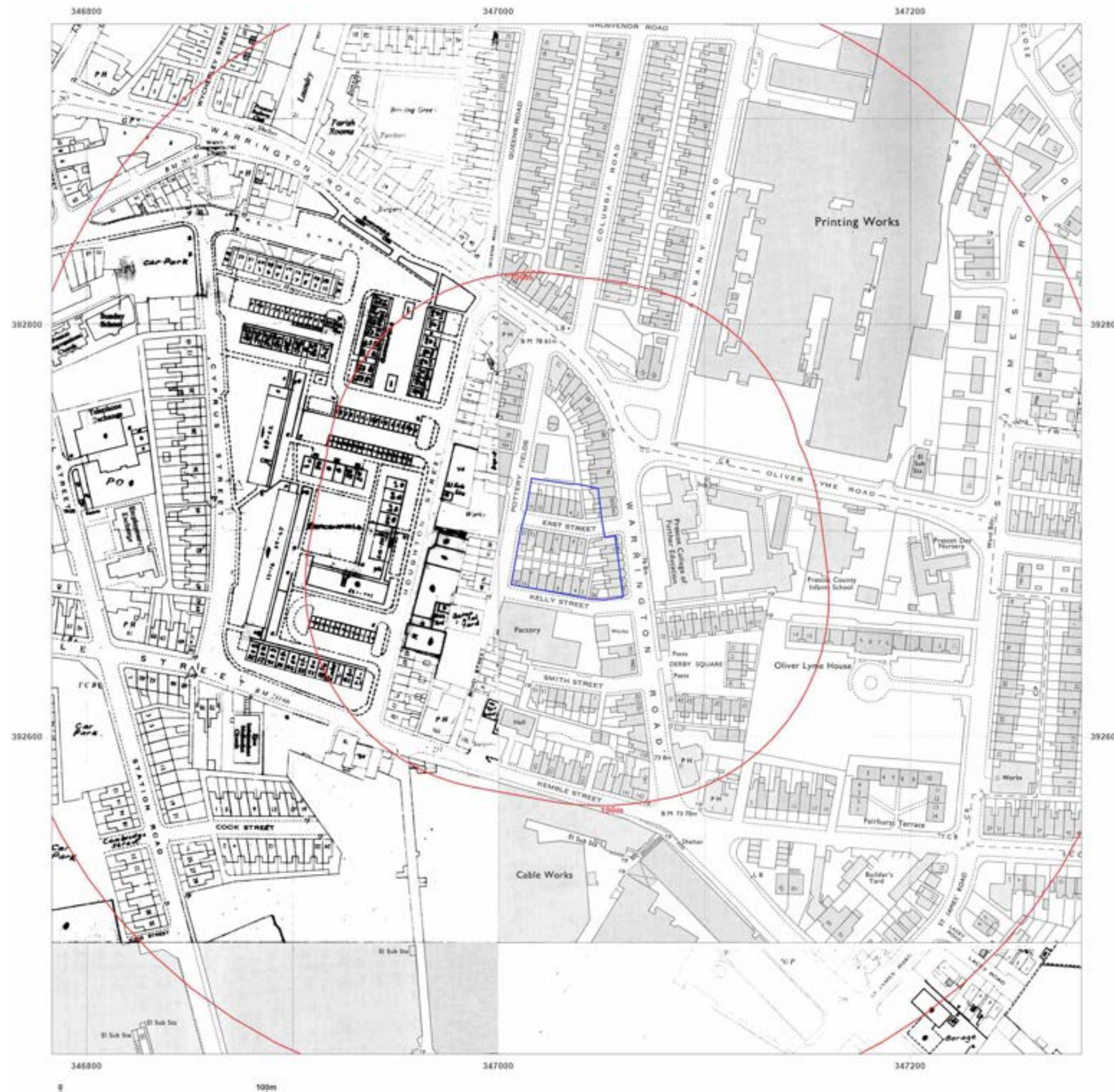


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1974-1975

Scale: 1:1,250

Printed at: 1:2,000



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Revised N/A
Edition N/A
Copyright 1974
Levelled N/A

Surveyed 1954
Revised 1974
Edition N/A
Copyright 1975
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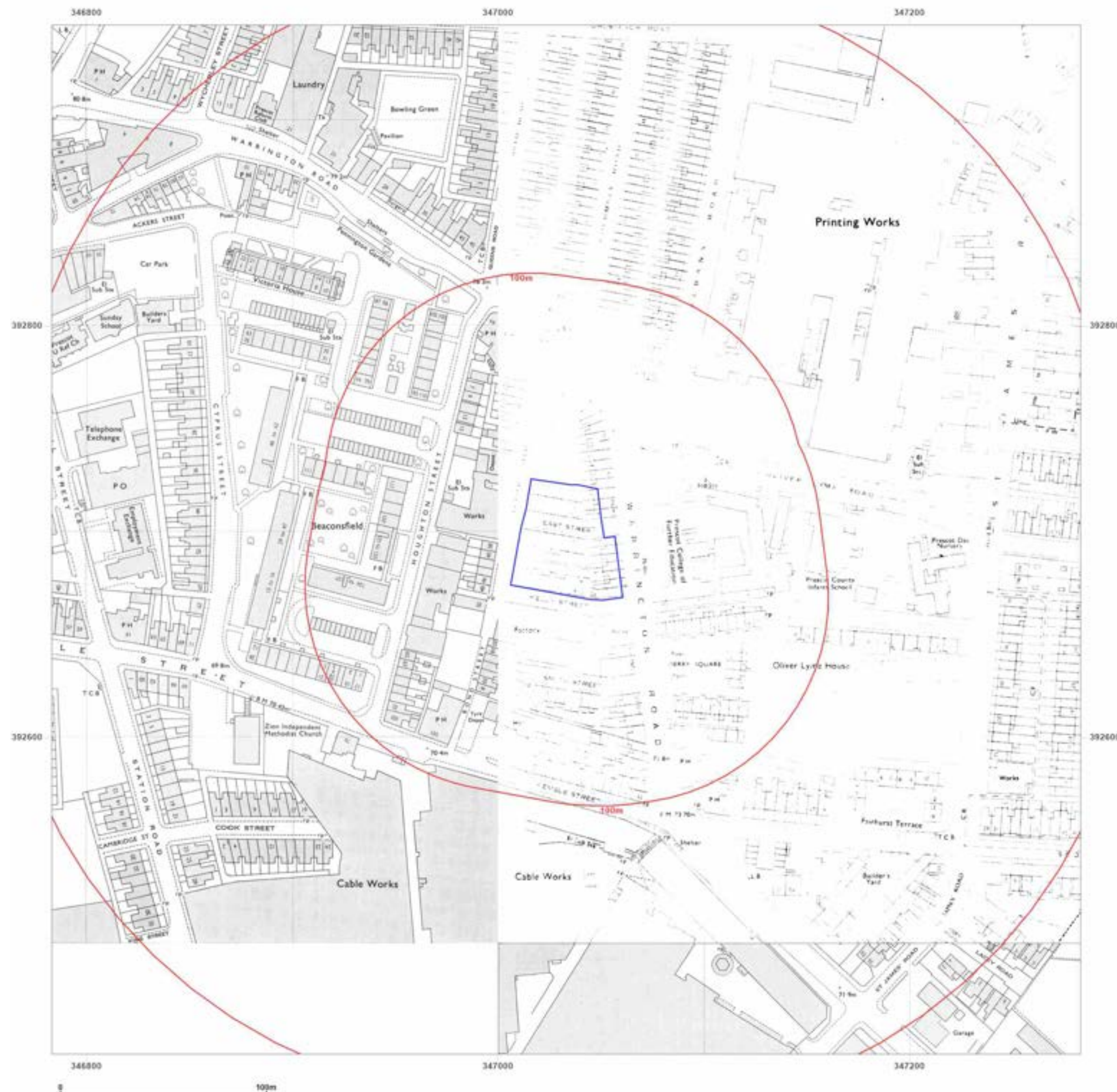


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1984-1989

Scale: 1:1,250

Printed at: 1:2,000



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Revised N/A
Edition N/A
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Revised 1984
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Revised 1989
Edition N/A
Copyright 1989
Levelled 1957

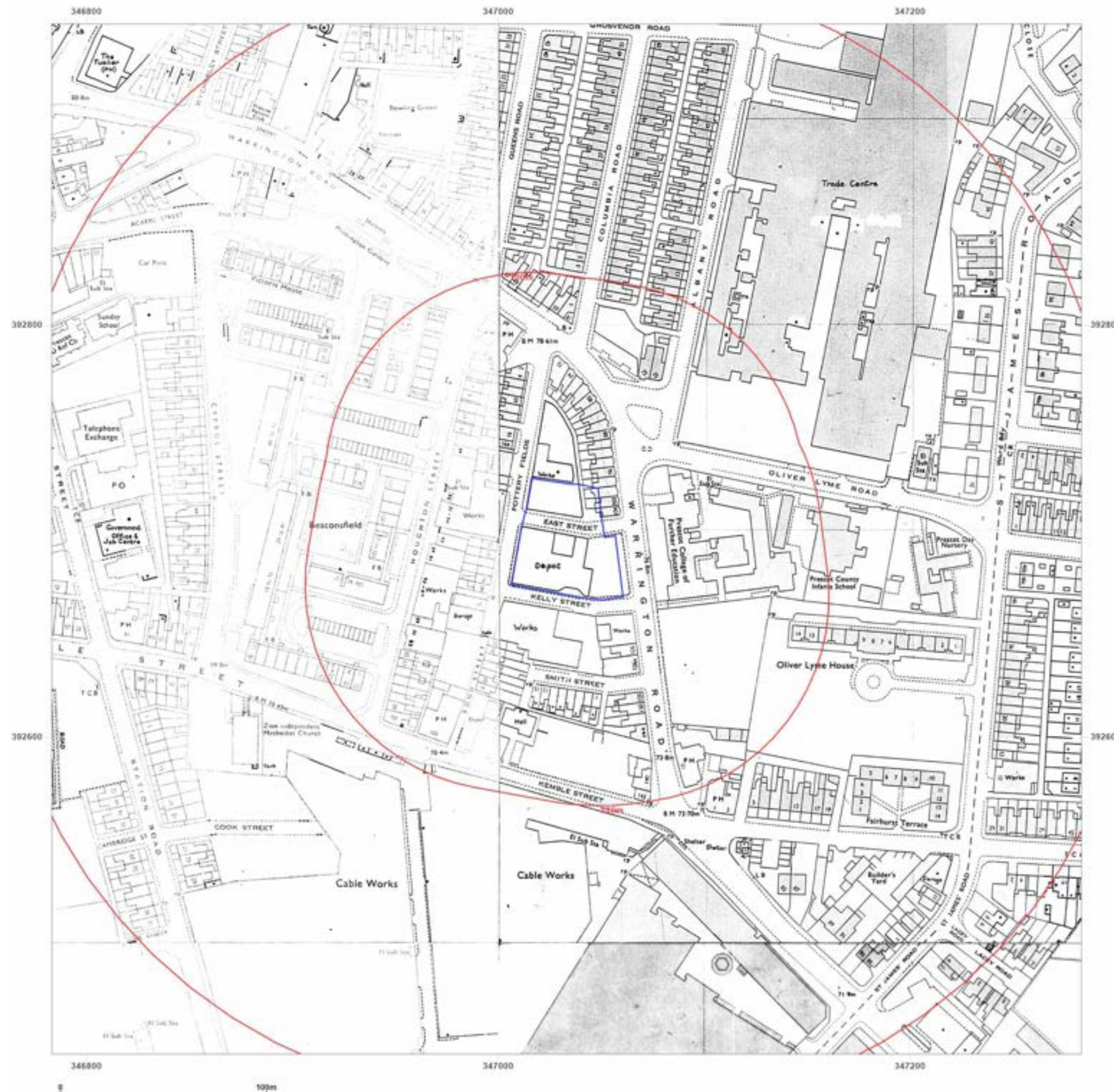


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Site Details:

Ashley Business Centre, Prescot,
L34 5RR

Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1989-1993

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1990
Levelled 1957

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1957
Revised 1989
Edition N/A
Copyright 1989
Levelled 1957

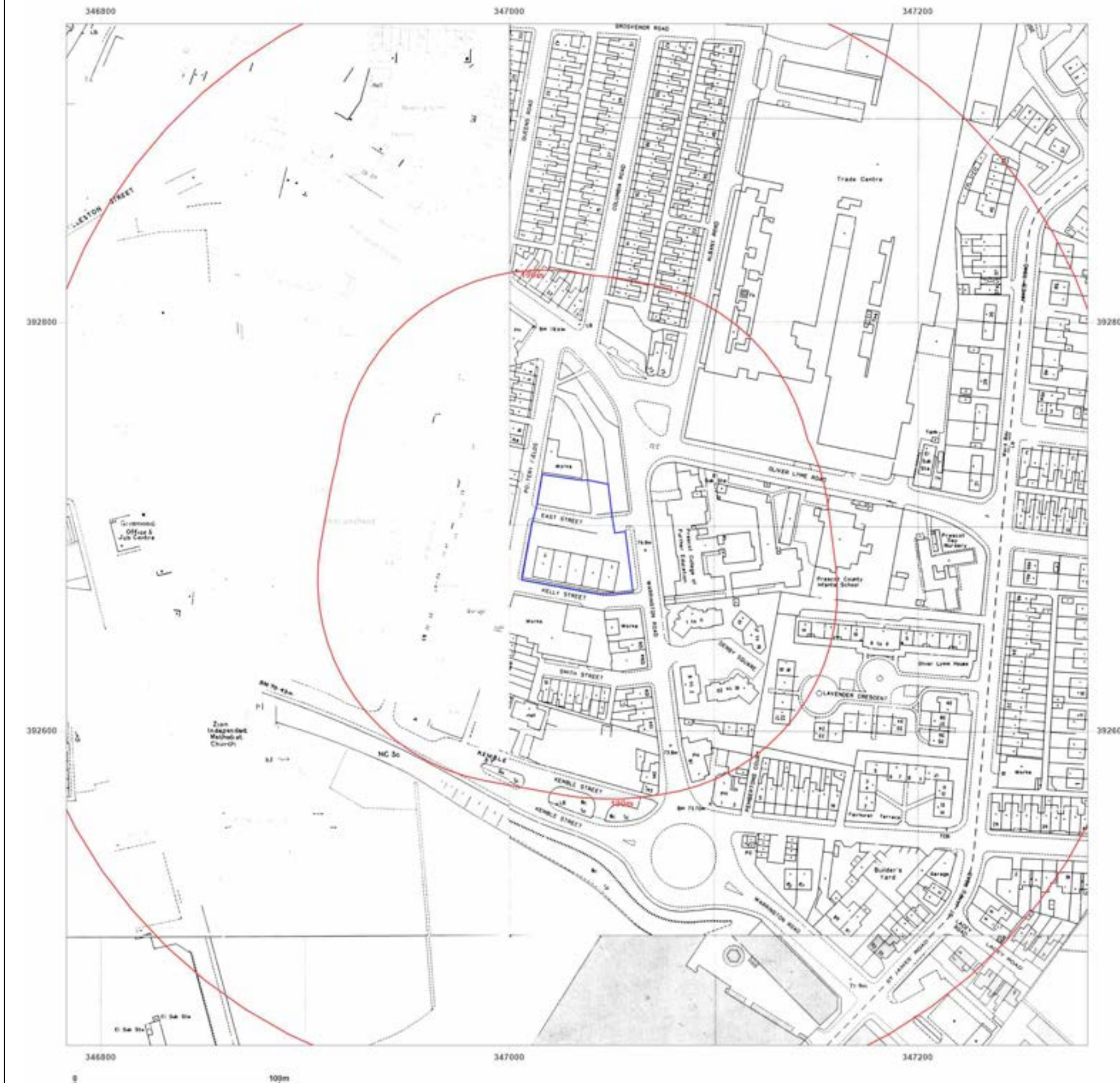


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Site Details:

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L34 5RR

Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1993-1994

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1994
Revised 1994
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised N/A
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Site Details:

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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1994
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Site Details:

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L34 5RR

Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,000



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

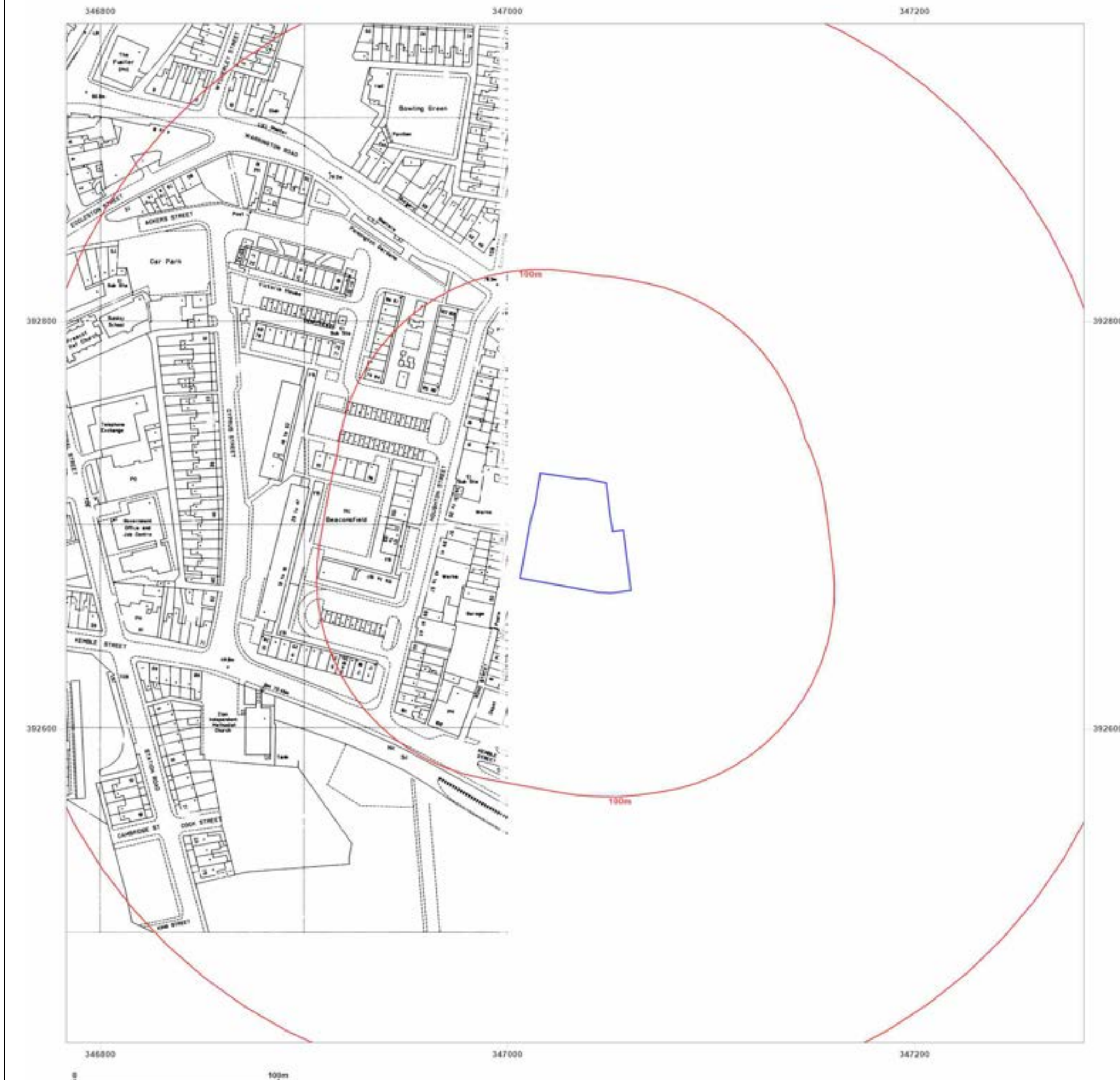


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Site Details:

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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1990-1994

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1957
Revised 1990
Edition N/A
Copyright 1990
Levelled 1957

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

Surveyed 1957
Revised 1991
Edition N/A
Copyright 1991
Levelled 1957

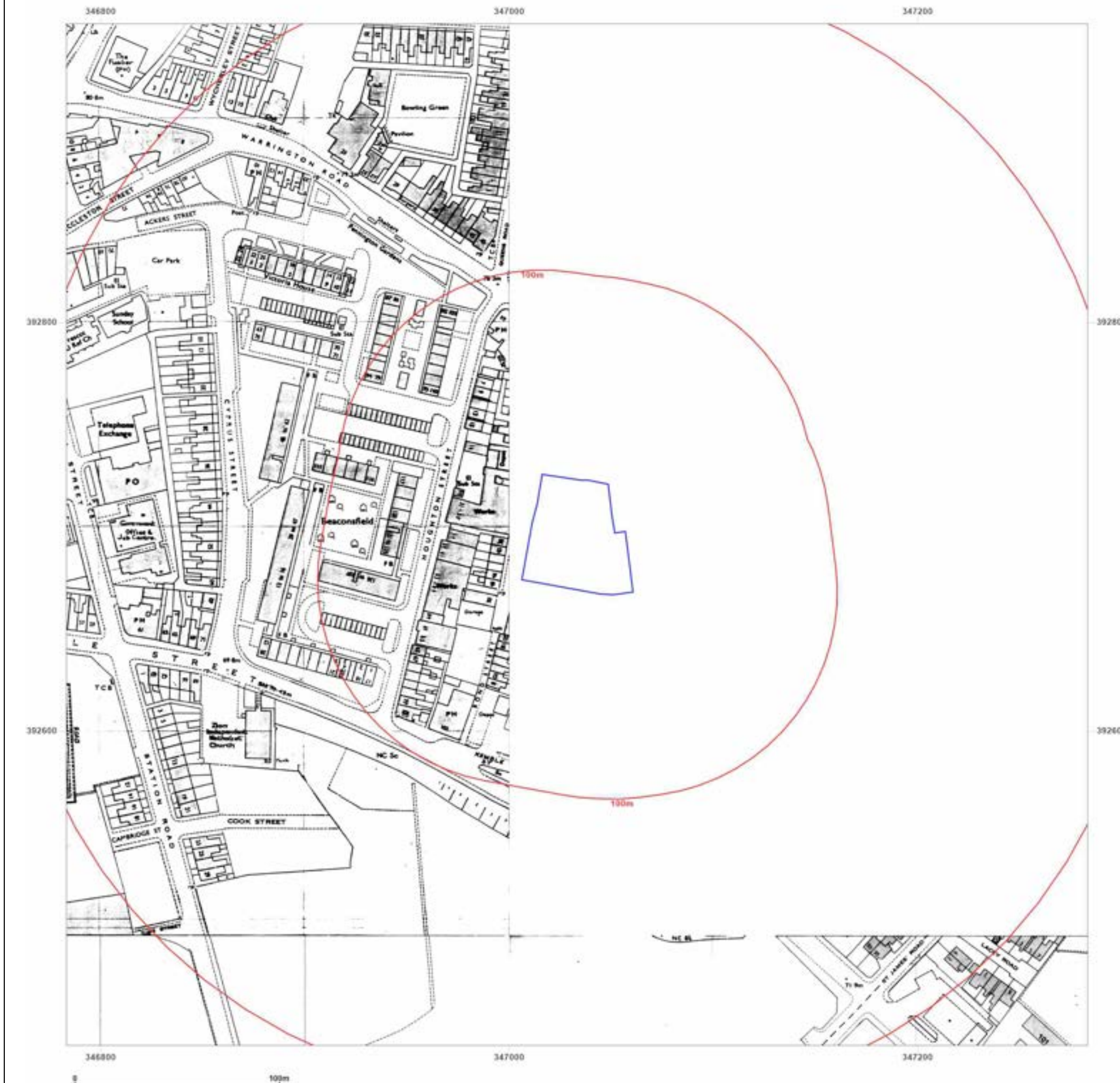


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



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Site Details:

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L34 5RR

Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1850

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1847
Revised N/A
Edition 1850
Copyright N/A
Levelled N/A

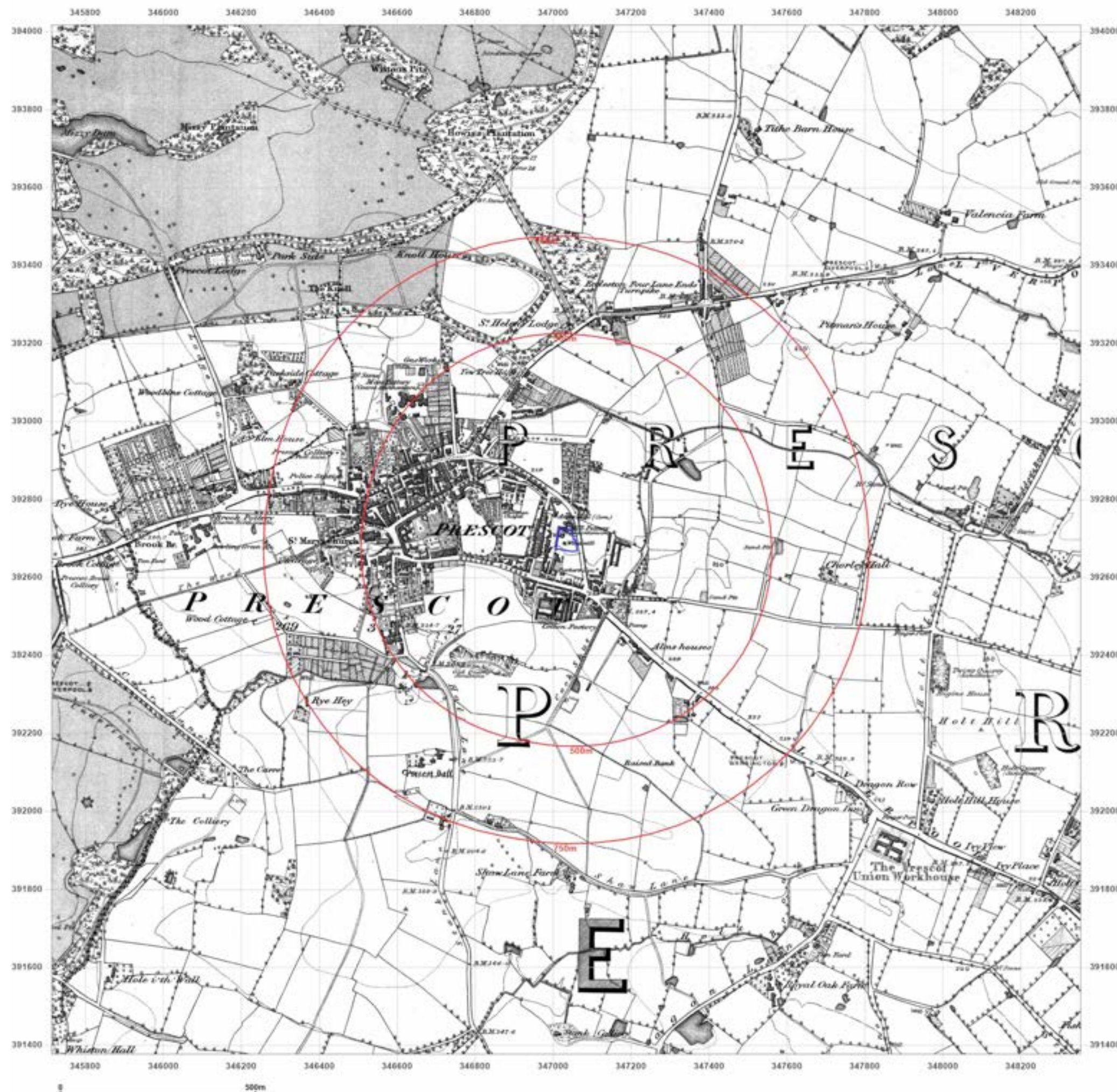


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Site Details:

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L34 5RR

Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1891

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1891
Revised 1891
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1891
Revised 1891
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1891
Revised 1891
Edition N/A
Copyright N/A
Levelled N/A

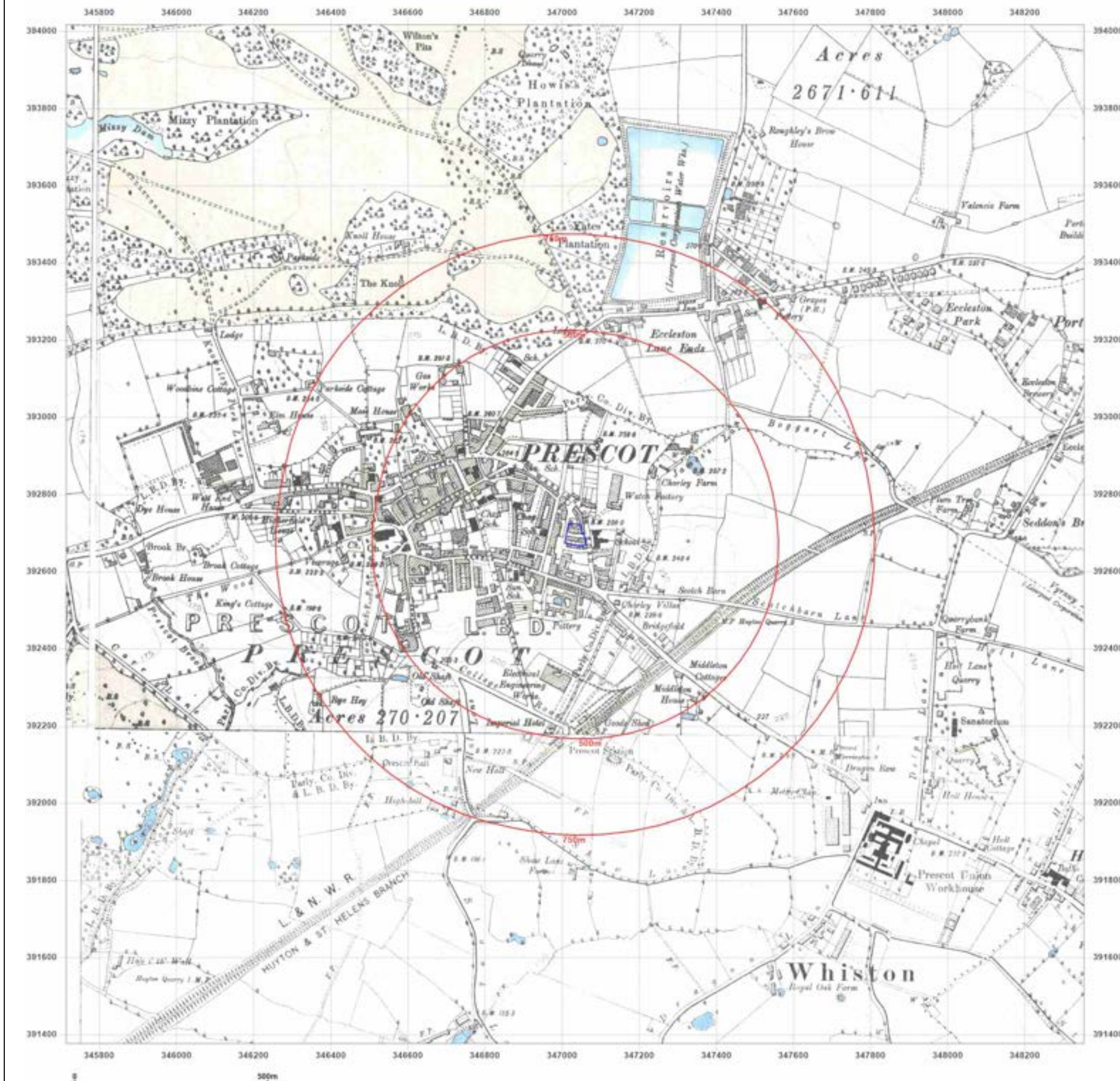


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Site Details:

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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1906

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1891 Revised 1906 Edition N/A Copyright N/A Levelled N/A	Surveyed 1891 Revised 1906 Edition N/A Copyright N/A Levelled N/A
Surveyed 1891 Revised 1906 Edition N/A Copyright N/A Levelled N/A	Surveyed 1891 Revised 1906 Edition N/A Copyright N/A Levelled N/A

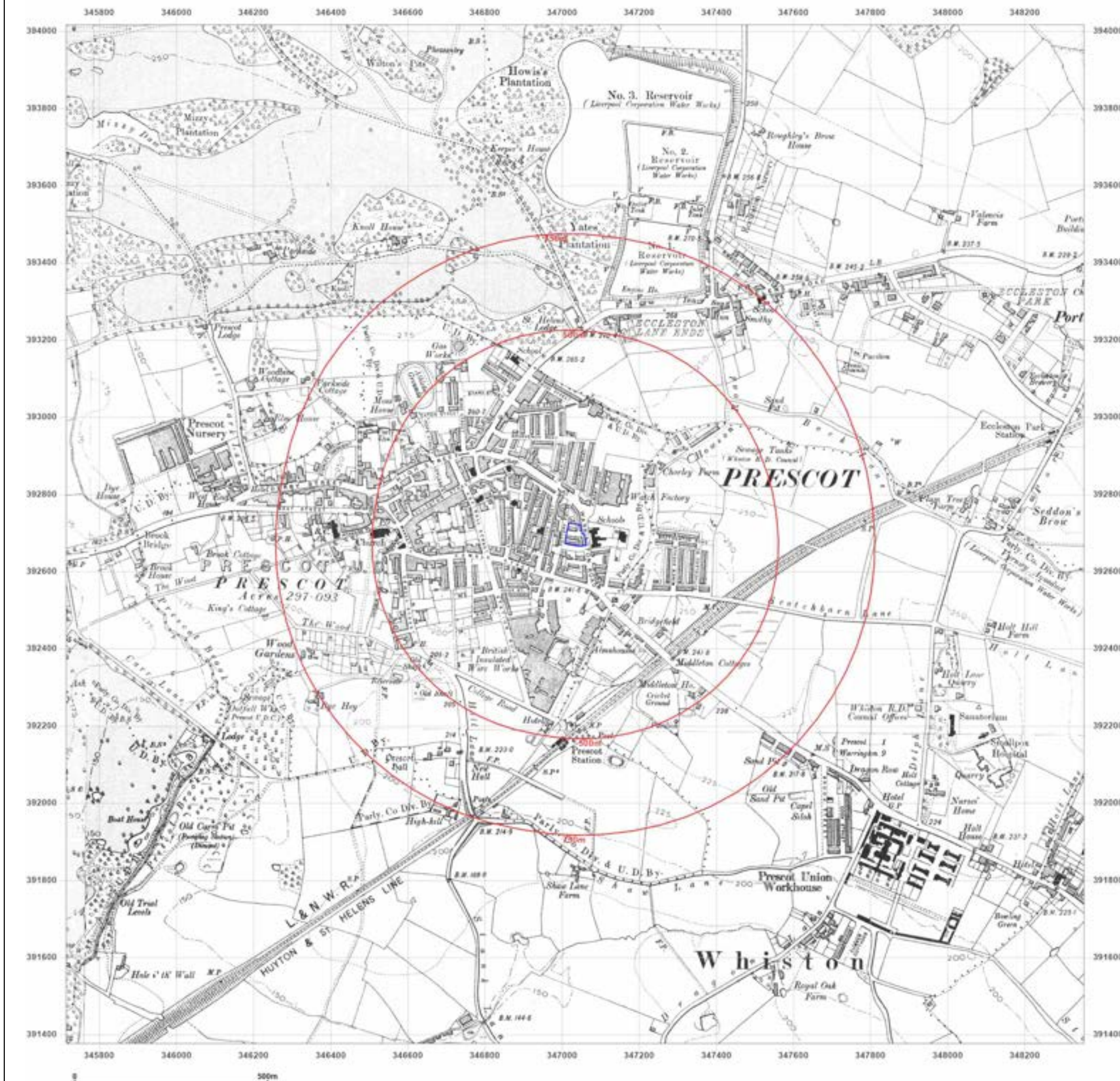


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1925

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1849
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1847
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1846
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A

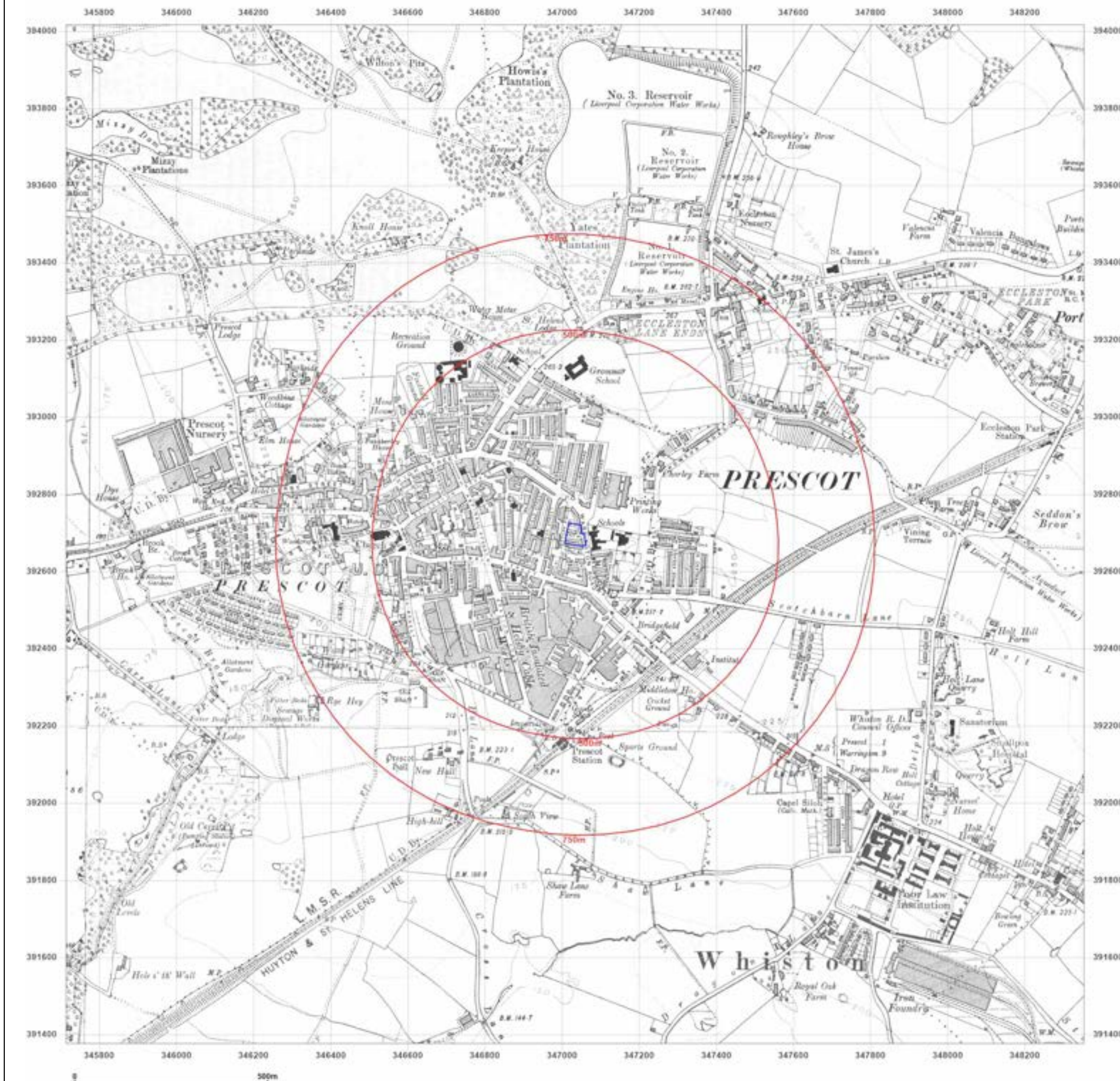


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Site Details:

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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1925

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1849
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1847
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A

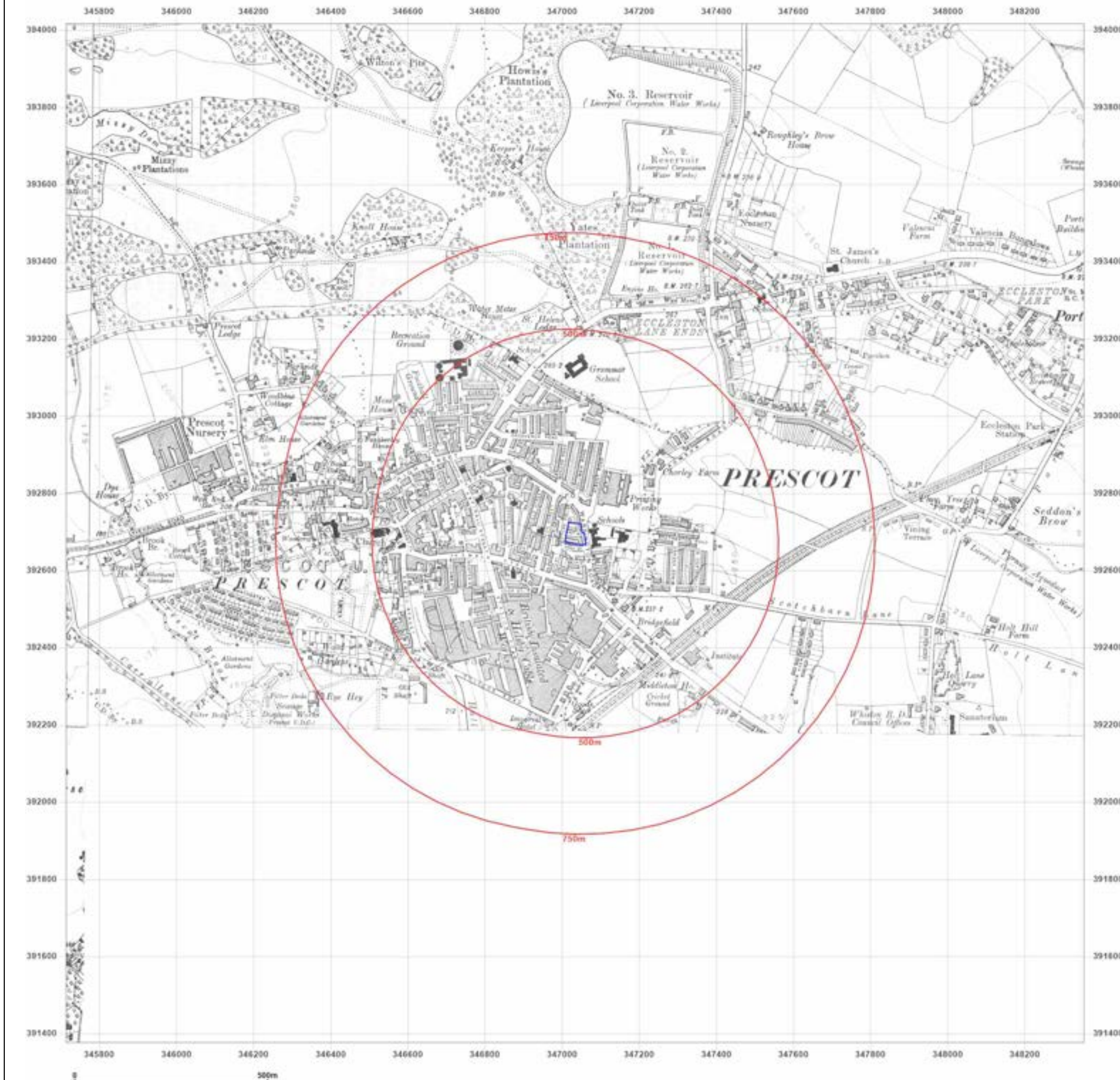


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Site Details:

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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1849 Revised 1938 Edition 1938 Copyright N/A Levelled N/A	Surveyed 1847 Revised 1938 Edition N/A Copyright N/A Levelled N/A
Surveyed 1848 Revised 1938 Edition 1938 Copyright N/A Levelled N/A	Surveyed 1846 Revised 1938 Edition 1938 Copyright N/A Levelled N/A

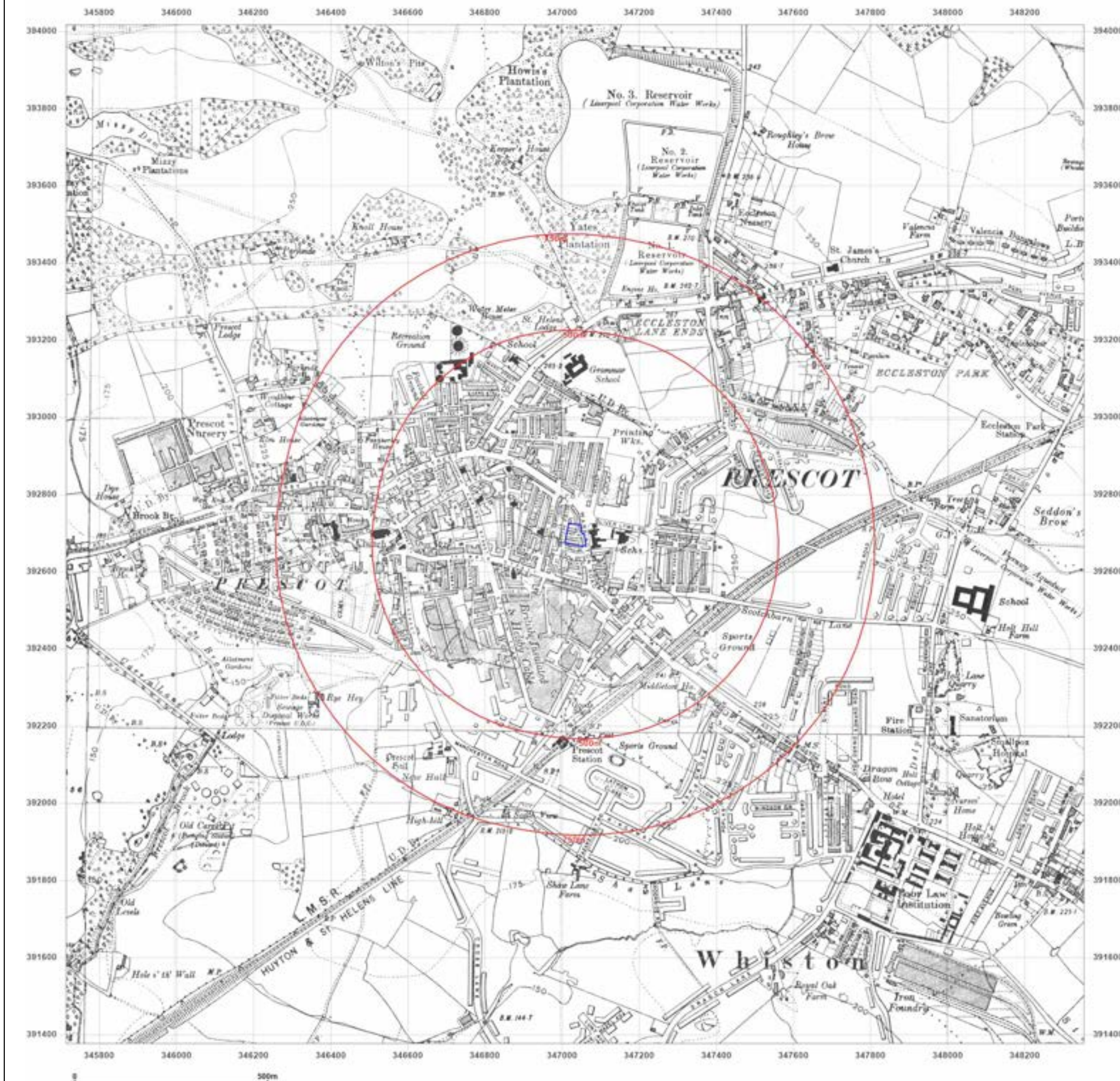


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: County Series

Map date: 1947-1950

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1847
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1848
Revised 1947
Edition N/A
Copyright N/A
Levelled N/A

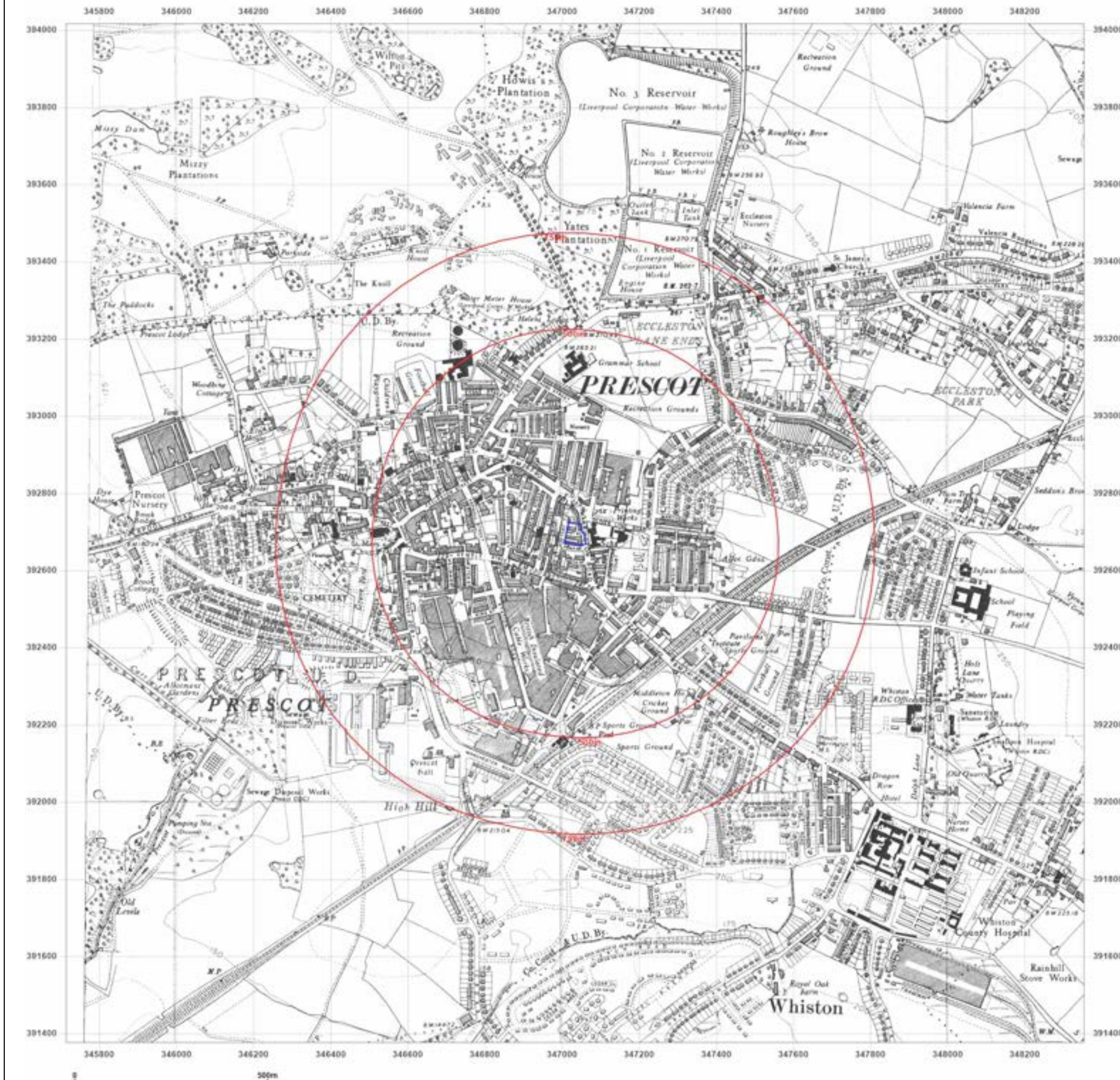


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: Provisional

Map date: 1956

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1947
Revised 1955
Edition 1956
Copyright N/A
Levelled N/A

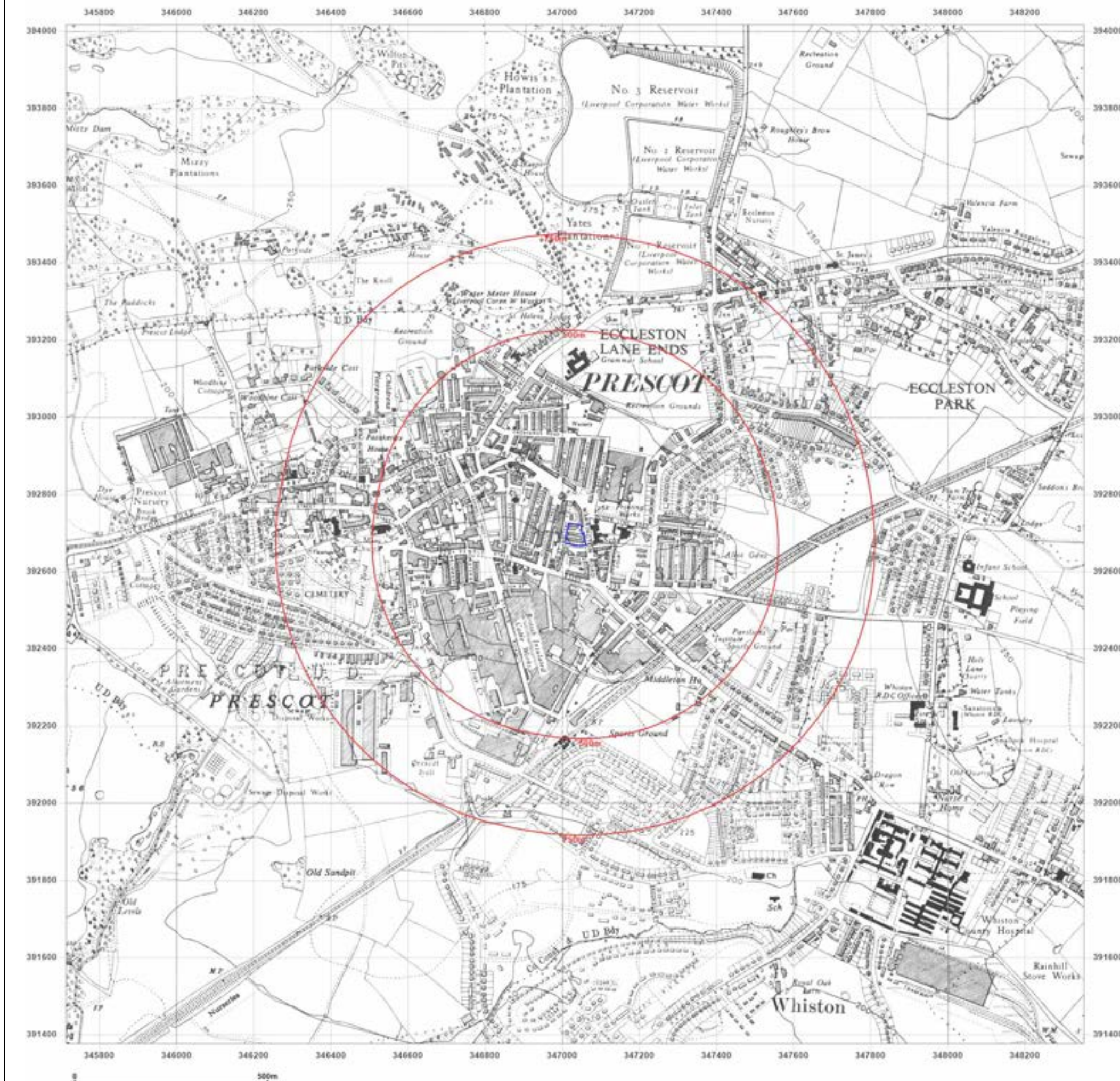


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: Provisional

Map date: 1966

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1966
Revised 1966
Edition N/A
Copyright N/A
Levelled N/A

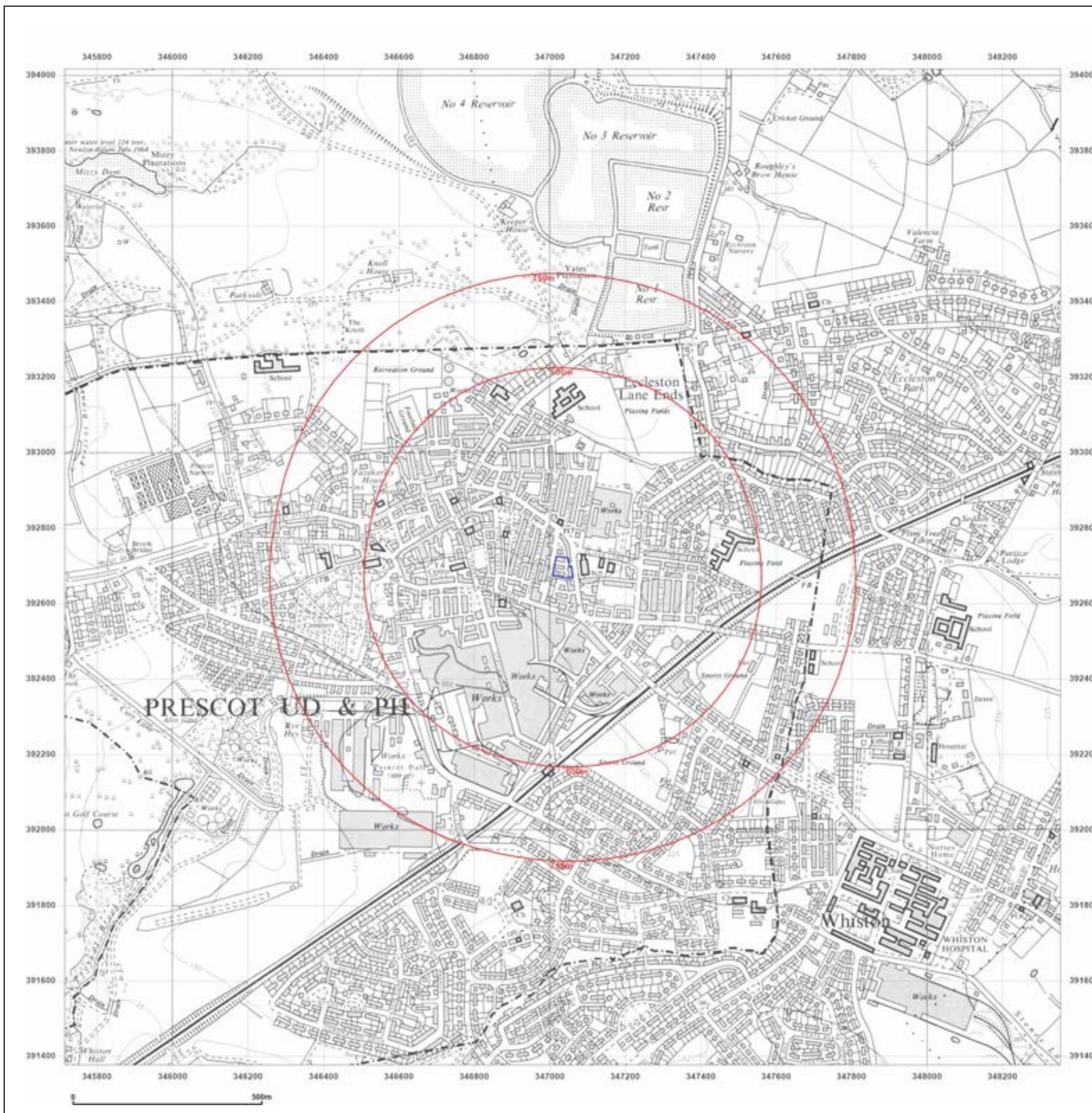


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 1978

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1975
Revised 1978
Edition N/A
Copyright 1978
Levelled 1964

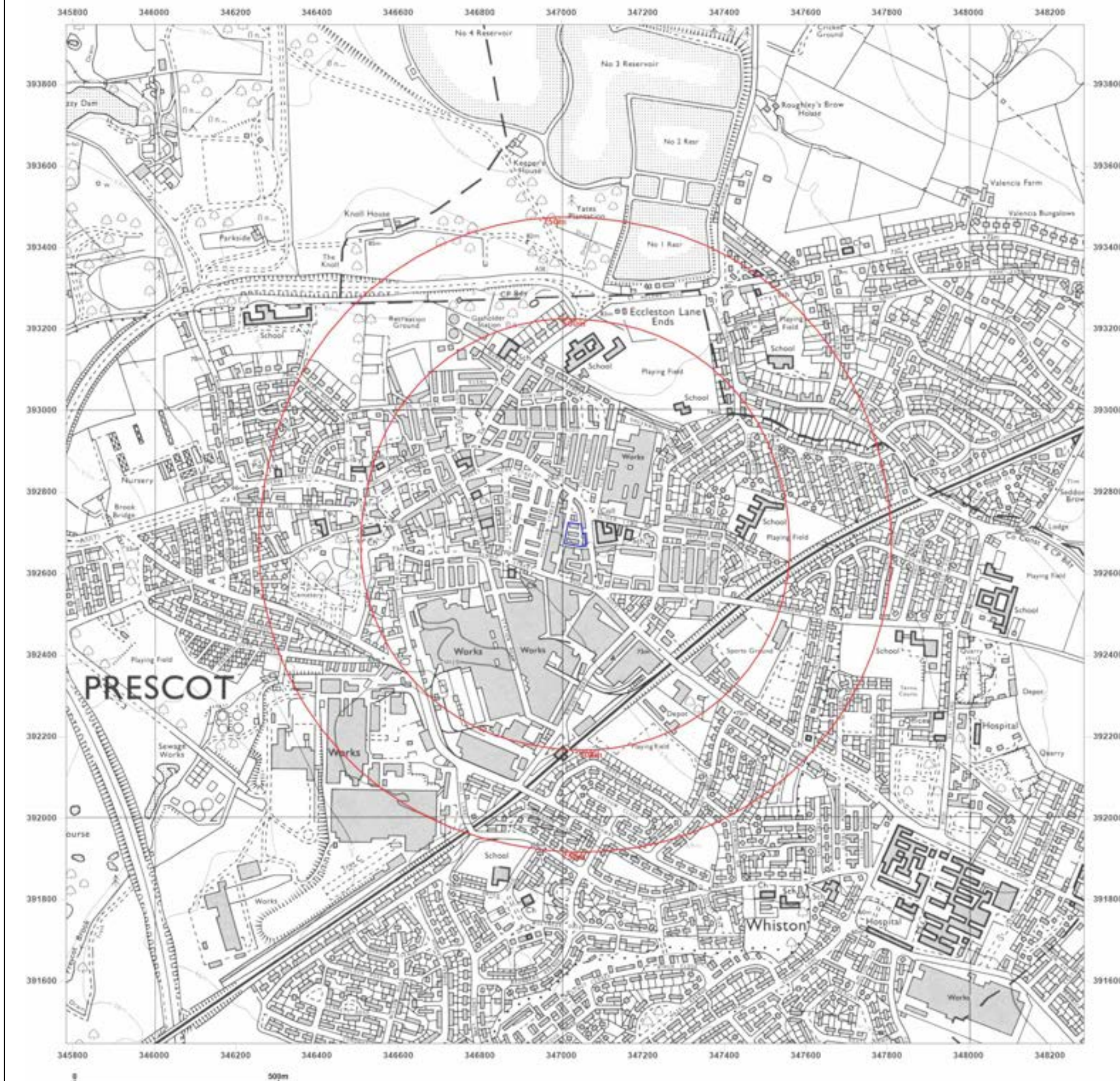


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Site Details:

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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000

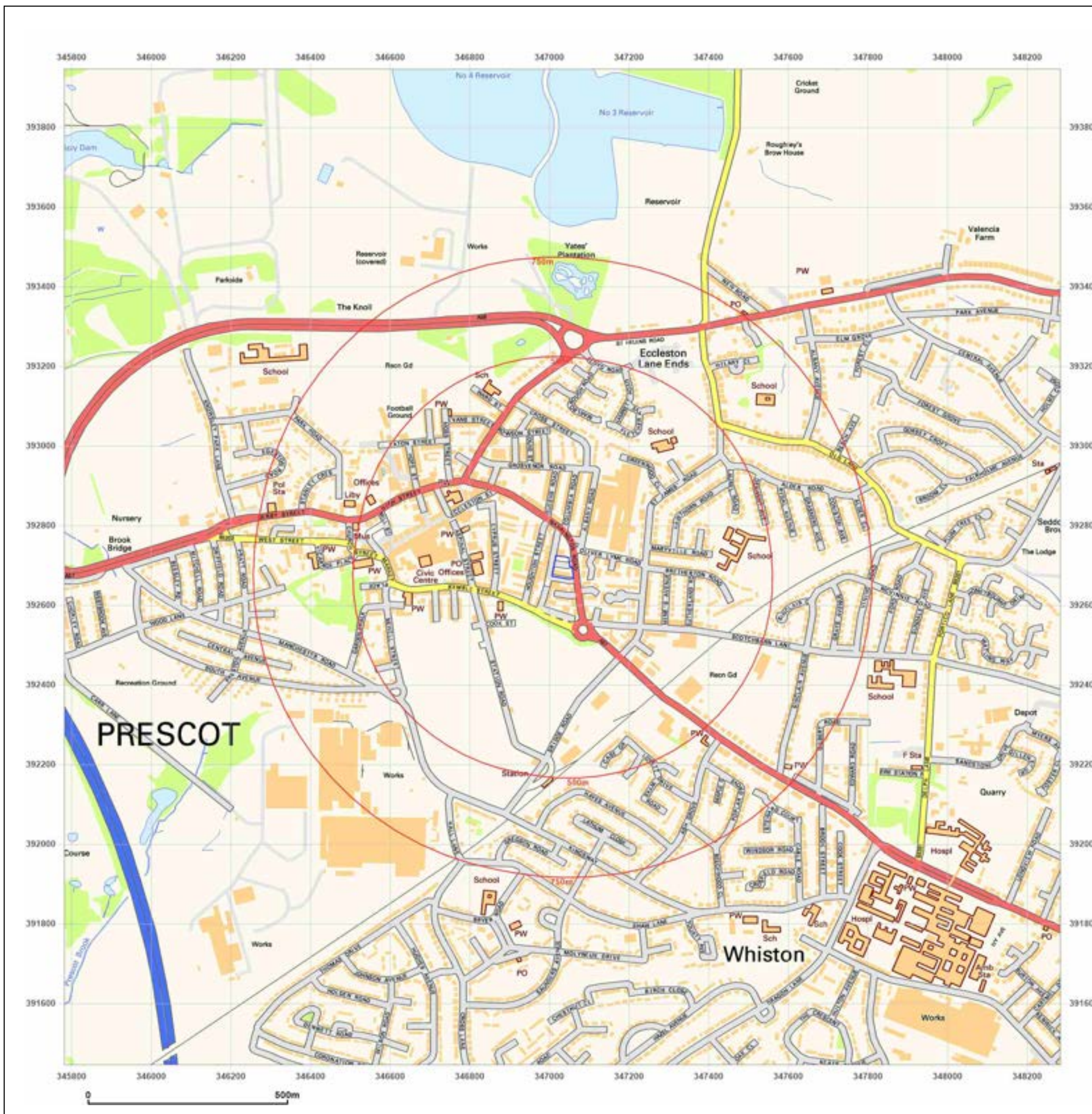


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Site Details:

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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

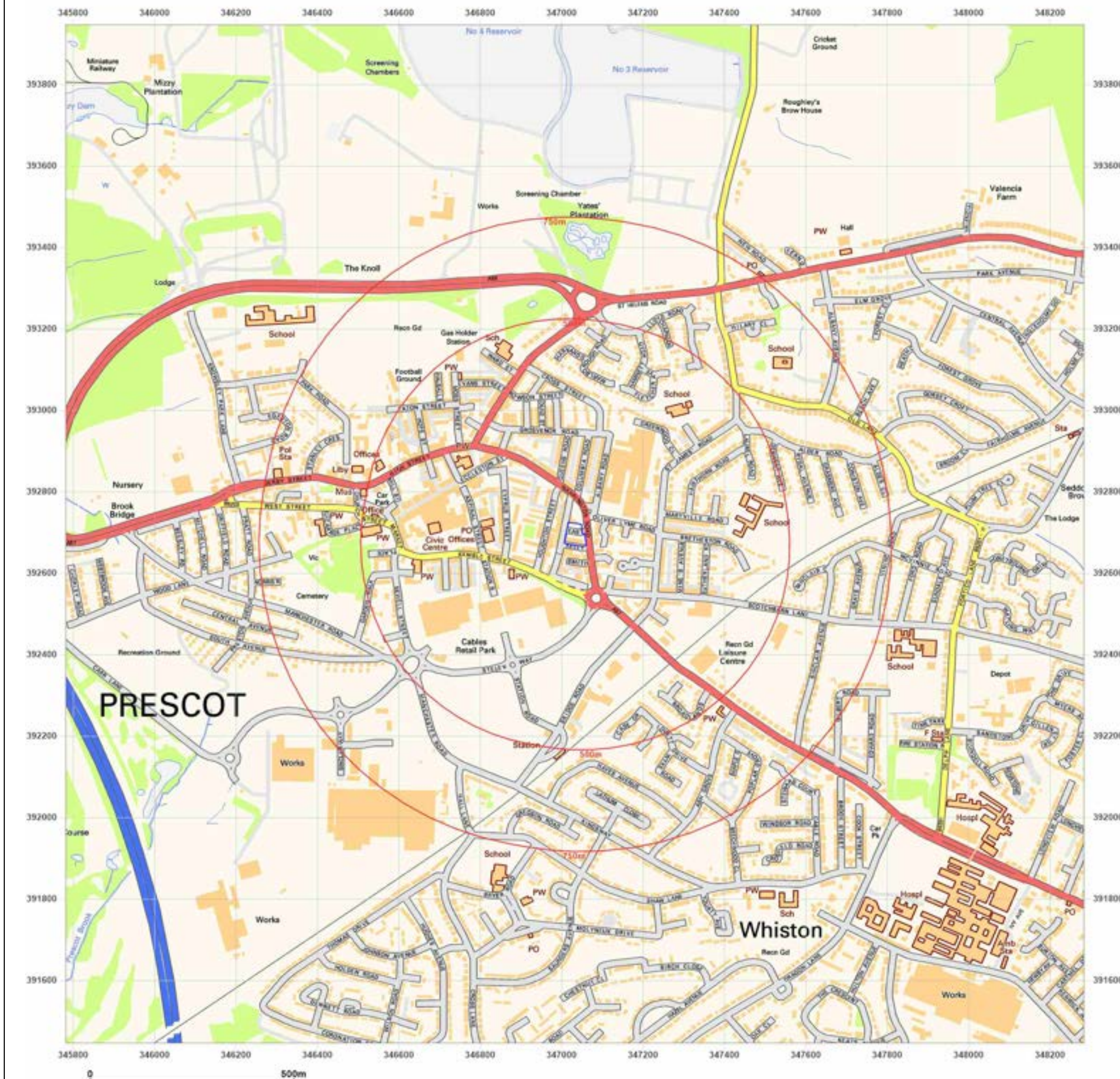


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Client Ref: -
Report Ref: GS-S6K-Y7K-FN6-EUA
Grid Ref: 347033, 392696

Map Name: National Grid

Map date: 2024

Scale: 1:10,000

Printed at: 1:10,000

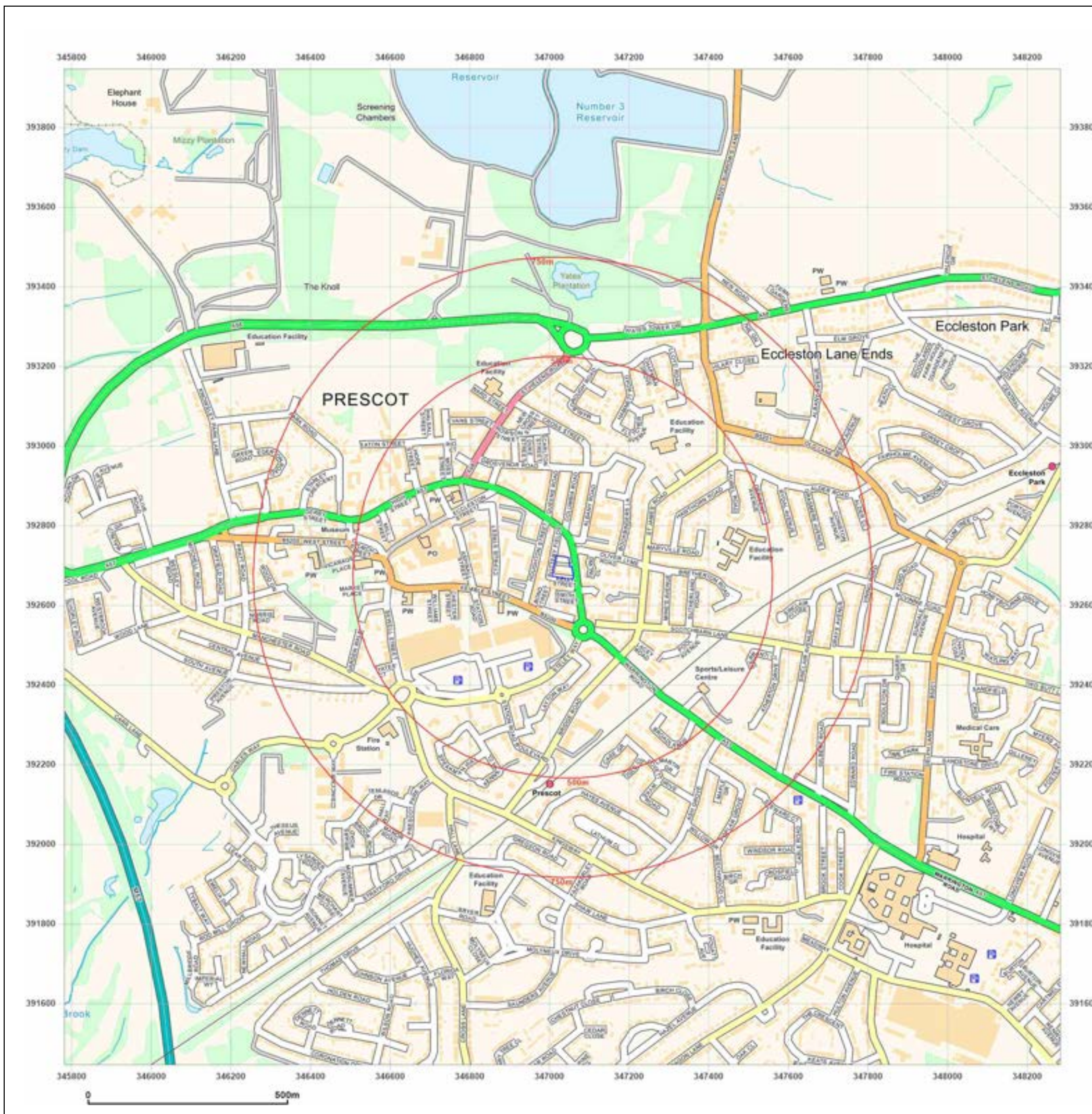


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APPENDIX C – LIMITATIONS

This report was prepared by Adeptus (registered in England: 05908395) for the use of the client, named on page 1. The report has been prepared specifically on the basis of the end use as defined by the client. Any change of end use would necessitate review of this report and its findings. Use of or reliance on this report by any third party is not permitted without our express written agreement, and where this is given, will be subject to our terms and conditions.

We have prepared this report in our professional capacity using reasonable skill, care and diligence. The assessments, conclusions and recommendations within this report pertain to the study site (the extents of which are in Figure 1, below) and the immediate area in continuity with the Site. They are based on the established historical uses, information available at the time of writing and the proposed use of the Site. Where any information supplied by the client or other sources have been utilised, it has been assumed that the information is correct. No responsibility can be accepted by Adeptus for inaccuracies in data supplied by any other party.

Any plans, diagrams, cross sections or images are for illustrative purposes only and should be checked for accuracy on-site. In the event of changes to the proposed end use of the Site, the report may require updating to reflect such changes. Although reference may be made to archaeological, ecological or geotechnical issues, invasive species, flood risk and the presence of asbestos containing materials (ACMs), this report does not constitute an archaeological assessment, ecological assessment, geotechnical assessment, invasive species survey, flood risk assessment or asbestos survey and liability for any claim caused by arising out of or in any way involving asbestos is excluded.

New information relating to environmental matters can come to light after the report has been prepared and changes in conditions and regulatory requirements may occur in future. Either of those factors may change the conclusions presented in our report. If development does not take place within the expected timescales, consideration should be given to reviewing this assessment to confirm that no changes to the site or relevant legislation have taken place. No part of this report is intended to provide legal advice or opinion of any nature.