

PRELIMINARY CONTAMINATION AND MINING RISK ASSESSMENT ON LAND AT HOLLINGWORTH, LITTLEBOROUGH

4539OR01/MARCH 2026

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PROJECT NUMBER	4539	
PROJECT TITLE	Land at Hollingworth, Littleborough	
CLIENT	Ashfold Quality Meats Ltd Ashfold Farm Milnrow Rochdale OL16 3TS	
PLANNING CONSULTANT	PWA Planning Lockside Office Park Lockside Road Preston PR2 2YS	
REPORT TITLE	Preliminary Contamination and Mining Risk Assessment on Land at Hollingworth, Littleborough	
REPORT REFERENCE	4539OR01	
REVISION	Date	Checked
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PRELIMINARY CONTAMINATION AND MINING RISK ASSESSMENT ON LAND AT HOLLINGWORTH, LITTLEBOROUGH

1 INTRODUCTION

FWS Consultants Ltd (FWS) carried out a Preliminary Contamination and Mining Risk Assessment on land at Hollinsworth, Littleborough (the 'site') for PWA Planning (the 'Planning Consultants') on behalf of Ashfold Quality Meats Ltd (the 'Client') to provide information for an agricultural building with hardstanding and access road. The site location is shown on Drawing 4539OD01, Appendix 1.

This Preliminary Contamination Risk Assessment has been undertaken in accordance with the principles of current guidance including BS10175:2011+A2:2017 "Code of Practice for the Investigation of Potentially Contaminated Sites" (Ref. 1) and BS 5930:2015+A1:2020 "Code of Practice for Ground Investigations" (Ref. 2). This risk assessment forms the Preliminary Risk Assessment in accordance with Environment Agency guidance document Land Contamination: Risk Management Guidance 2023 (Ref. 3), the NHBC "Guidance of Land Quality" (2025) (Ref. 4) and DEFRA "Environmental Protection Act 1990: Part 2A, Contaminated Land Statutory Guidance" (2012) (Ref. 5).

The objectives of this desk study for the commercial development were to:-

- assess the historical land use, geological and hydrogeological setting;
- assess the likelihood and impact of subsurface mining;
- assess the potential for contamination and ground gas;
- provide a qualitative contamination risk assessment and preliminary comment on mitigation measures;
- provide preliminary comment on ground conditions in relation to foundation design; and,
- provide recommendations on further investigations.

The following sources of information were utilised in the preparation of this report:-

- Historical Ordnance Survey Maps (Appendix 2)
- British Geological Survey, Sheet No. 76, Rochdale, 1:50,000 Solid and Drift Edition (Ref. 6)
- Envirocheck Report (Appendix 3)
- Mining Remediation Authority Mining Report, dated 6 March 2026 (Appendix 4)
- Site Walkover Inspection undertaken on 10 March 2026 (Photographs included in Appendix 5)
- BRE, 2023 Edition. Radon: Guidance on protective measures for new buildings (including supplementary advice for extensions, conversions and refurbishment projects) (Ref. 7) and Radon risk viewer at <https://www.ukradon.org/radonmaps> (Ref. 8).
- Zetica viewer of UXO risk at <https://zeticauxo.com/downloads-and-resources/risk-maps/> (Ref. 9)

2 SITE LOCATION AND DESCRIPTION

The 0.39 ha site at National Grid Reference 393900E, 415570N is situated 1 km from Rochdale as shown in Drawing 4539OD01, Appendix 1. A plan showing the current site features and locations of selected photographs is presented as Drawing 4539D02, Appendix 1.

The site lies on varied topography, with the access drive on a south-facing slope (approx. 170 to 175 m AOD) and the main area of the site on a gentle east-facing slope (around 178 m AOD in the southeast rising to around 190 m AOD in the northwest).

The site is an active agricultural field currently used for cattle grazing and is covered with rough grass. Within the field itself, there is no fixed boundary, as the site forms part of a larger agricultural field although there is a mound of spoil, likely from construction of the adjacent barn, which has been cut into the east-facing slope.

The access drive is mostly tarmac, transitioning to gravel and then to a muddy track as it enters the field. There is no boundary for the drive way up to the site.

Adjacent to the southeast of the site is a recently constructed steel-frame barn that has been cut approximately 1.5 m into the hillside. To the west of the site, a few metres uphill, there is a small pond.

There are no trees or non-native invasive species noted on the site at the time of the site inspection.

3 HISTORICAL DEVELOPMENT OF THE SITE

Onsite

The site is recorded as agricultural land with a track from at least 1851 with no significant changes to the present day.

Offsite / Adjacent Areas

From before 1851 the area is mainly agricultural with a pond <10 m to the west of the site (no change to the present day) and Cleggswood farmhouse located 100 m to the southwest of the site (only minor alterations noted to the present day). Hollingworth Lake is located 20 m from the southern tip (access road) of the site. A coal pit/shaft is located 120 m and 300 m to the east of the site prior to 1851 and both are identified as old shafts by 1910.

By 1893 a small structure is present 120 m to the north of the site that is later identified as a tank by 1910. A further tank is identified 90 m to the west of the access track (to the southwest of the main site and Cleggswood farmhouse) site by 1930.

By 1938 a refuse heap is present 100 to 120 m to the east of the site (access track; approximately 200 m to the southeast of the main site) that expands further to the south by 1961. By 1978 the refuse heap is no longer identified and by 1988 this area has become a car park with two small structures 50 to 100 m to the southeast and east of the site.

4 ENVIRONMENTAL SETTING

4.1 Geology

4.1.1 Made Ground and Superficial Geology

Due to the past agricultural use of the site, significant depths / extent of made ground is not anticipated although the noted mound of spoil on the northern part of the site suggested there

could have been surface stockpiling of arisings following nearby development. Topsoil and subsoil is anticipated overlying the natural superficial deposits.

Thin glacial till, less than 5 m thick, is anticipated beneath site.

4.1.2 Solid Geology

The main site area is underlain by bedrock that is expected at shallow depths and is expected to comprise of sandstone of the Darwin Flags of up to 10 m thick underlain by interbedded siltstone, mudstone sandstone and coals of the Pennine Lower Coal Measures dipping at around 5° to the west. The site is divided by a fault with an unknown throw, with the main site area to the north of the fault and the access road / track crossing the fault that is aligned northwest to southeast in the vicinity of Cleggswood farmhouse.

Within the underlying Pennine Lower Coal Measures Formation, the Upper Mountain Coal (Hogards) is up to 1.1 m thick and is reported in the Mining Remediation Authority report to have been worked to a thickness of up to 0.4 m at a depth of around 27 m below ground level (estimated 155 m AOD). It is expected to have been worked through mine and crop workings.

Beneath this, the Lower Mountain coal seam is reported to have been worked to a thickness of up to 0.6 m at a depth of 106 m below ground level.

To the south of the fault the bedrock comprises sandstone of the Milnrow Sandstone Formation expected to be up to a maximum 50 m thick.

4.2 Mining and Quarrying

The table below provides a summary of the Mining Remediation Authority Mining Report (Appendix 4) and the principal coal mining legacy issues.

Table 01: Summary of Mining Legacy Issues

COAL MINING ISSUE	YES	NO	SUMMARY RECORDS
Underground coal mining (recorded at shallow depth)	✓		The site is within the likely zone of influence of workings in 2 seams of coal at depths between shallow depth to 150 m, and last worked in 1914.
Underground coal mining (probable at shallow depth)		✓	No unrecorded workings are anticipated beneath the site.
Mine entries (shaft or adits)		✓	There are no reported mine entries on or within 20 m of the site.
Coal mining geology (fissures)		✓	There is a northwest to southeast trending fault approximately 50 m to the southwest of the main site area.
Record of past mine gas emissions or potential		✓	There is no record of a mine gas emission requiring action by the Mining Remediation Authority within the boundary of the site.
Recorded coal mining surface hazard		✓	The Mining Remediation Authority has no records of coal mining surface hazards relating to the site or immediate surrounding area.
Surface mining (opencast workings)		✓	The site is not located within the boundary of a historical opencast site, and does not lie within 200 m of a current opencast site, or within 800 m of a known future opencast site.
Other potential shallow worked minerals		✓	There is no evidence of quarrying having been carried out on site.

4.3 Hydrology and Flooding

The nearest surface water body is the unnamed pond approximately 9 m to the northwest of the main site and the Hollingworth Lake located 20 m to the southwest of the site access track. Hollingworth Brook is located approximately 225 m to the east of the site.

There are no recorded surface water abstractions within 500 m of the site.

There are two discharge consents within 250 m of the site boundaries. They are located to the south of the main site adjacent to Cleggswood farmhouse and the main access road to the site. These discharges relate to sewage/effluent discharges that are received by the land via a soakaway system.

There have been two pollution incidents to controlled waters (Hollingworth Lake) between 80 and 120 m to the southeast and southwest of the site and are all classified as Category 3 Minor Incidents relating to oils and organic chemicals. None of the pollution incidents reported were associated with the site.

The site does not fall into an area of extreme flooding from rivers or sea without defences or flooding from rivers or sea without defences. However, there is limited potential for groundwater flooding to occur.

4.4 Hydrogeology

It is anticipated that groundwater will be present within granular lenses in any thin cohesive superficial deposits present. The main water table is expected within the underlying sandstone bedrock.

The Environment Agency do not have any available data for superficial deposit aquifers due to the limited deposits present and classify the bedrock as a Secondary A aquifer.

There are no groundwater abstractions located within 500 m of the site.

The nearest groundwater Source Protection Zone is 920 m to the southwest of the site.

4.5 Licenced Authorisations, Health & Safety Executive/Planning Department Information and Fuel Stations

There are no Licenced Authorisations and H&S Executive/Planning Department Information entries within 450 m that could impact the development site.

The site is not located within an industrial/residential area and there are no fuel stations or active trade entries within 500 m of the site.

4.6 Landfill Sites

The Envirocheck Report indicates one recorded landfill, Rakewood Road/Hollingworth Lake approximately 100 m southeast/east of the main site, which is now a country park. This landfill accepted domestic household and commercial waste and became operational in 1932, the information for when the landfill ceased operations is not supplied.

4.7 Radon

Current guidance (Ref. 7 & 8) on protective measures for new buildings indicates that the site does fall within an area for which radon protection measures should be provided. The property is in a high probability radon area, as greater than 10% of buildings are above the action level.

4.8 Ecological Receptors and Sensitive Landuse

The site is within an area of adopted greenbelt.

There are no other ecological receptors or sensitive land uses within 250 m of the site.

4.9 Unexploded Ordnance

The Zetica website records the site is in an area at low risk from unexploded ordnance.

5 PREVIOUS INVESTIGATIONS

No records of previous ground investigation are available for this site.

6 ENVIRONMENTAL ASSESSMENT AND CONCEPTUAL SITE MODEL

6.1 Conceptual Site Model

The approach to contamination risk assessment is detailed in Appendix 6. Presented below is a Preliminary Conceptual Site Model (CSM) for the proposed development, as shown on Client's Drawing PWA/02 DWG 02, Appendix 1, that has been prepared in accordance with current guidance (Ref. 3). A schematic CSM of the site is presented in Drawing 4539OD03, Appendix 1.

Development

The site is to be developed with an agricultural building with hardstanding and access road as shown on Client's Drawing PWA/02 DWG 02, Appendix 1.

Previous Land Use and Potential Contamination

The site has been used for agricultural use for its entire known history.

Potential contaminants identified by this desk study are summarised in the table below and are illustrated in the schematic conceptual site model Drawing 4539OD03, Appendix 1:-

Table 02: Potential Contamination Sources

Source of Potential Hazard/Pollutant			Potential Contaminants
Onsite	H1	Made Ground associated with the localised stockpile of arisings	Heavy metals, asbestos, pH, sulphate, hydrocarbons, fertilisers pesticides, herbicides
Offsite	H2	Ground Gas from Landfill	CO ₂ and CH ₄
	H3	Ground Gas from coal workings	CO ₂ and CH ₄

In view of the agricultural land use of the site there is a low risk of significant contaminants being present onsite. As the adjacent area has comprised agricultural land prior to residential development, no significant contamination is expected adjacent to the site. There is, however, significant risk from the landfill situated to the east of the site, and mine gas from coal workings

below and in the vicinity of the site. The site is also indicted to be within a high probability radon area.

Ground and Groundwater Conditions

Due to the past agricultural use of the site, significant depths / extent of made ground is not anticipated although the noted mound of spoil on the northern part of the site suggested there could have been surface stockpiling of arisings following nearby development. Topsoil and subsoil is anticipated overlying the natural thin glacial till expected beneath site.

The main site area is underlain by bedrock that is expected at shallow depths and is expected to comprise of sandstone of the Darwin Flags of up to 10 m thick underlain by interbedded siltstone, mudstone sandstone and coals of the Pennine Lower Coal Measures dipping at around 5° to the west. To the south of the fault the bedrock comprises sandstone of the Milnrow Sandstone Formation expected to be up to a maximum 50 m thick.

It is anticipated that groundwater will be present within granular lenses in any thin cohesive superficial deposits present. The main water table is expected within the underlying sandstone bedrock.

Environmental Considerations

The Environment Agency do not have any available data for superficial deposit aquifers due to the limited deposits present and classify the bedrock as a Secondary A aquifer.

The nearest surface water body is the unnamed pond approximately 9 m to the northwest of the main site and the Hollingworth Lake located 20 m to the southwest of the site access track. Hollingworth Brook is located approximately 225 m to the east of the site.

The nearest groundwater Source Protection Zone is 920 m to the southwest of the site.

6.2 Receptor Characterisation

The following potential receptors are anticipated for the proposed development, as illustrated in the schematic CSM Drawing 4539OD03, Appendix 1:-

Table 03: Receptor Characterisation

Part 2A Classification	Group		Receptor
Part 2A Receptors	R1	Human Health	Future site endusers
	R2	Property	Proposed residential and agricultural development
			Services
	R3 R4	Controlled Waters	Rivers/Surface water Pond 9 m to the northwest of site. Hollingworth Lake 20 m south of site. Hollingworth Breck 220 m east of site. Superficial deposits unclassified due to lack of data. Lower Coal Measures Formation is classified as a 'Secondary A Aquifer' Groundwaters in the Secondary A Aquifer are likely to be of poor quality due to extensive mining in the area.
Non Part 2A Receptors	R5	Construction workers	
	R6	Plants and landscaped areas	

6.3 Pathway Characterisation

This desk study has identified the following potential pathways, which are illustrated in the schematic CSM Drawing 4539OD03, Appendix 1:-

Table 04: Pathway Characterisation

Pathway	Receptor
P1 Inhalation, ingestion and dermal contact	Human Health
P2 Direct contact	Plants
P3 Soil gas or soil vapours pooling within the structures	Buildings, Property and Services
Contact with aggressive or acidic soils or hydrocarbon contaminated soils	
P4 Leaching of contaminants from the soil migrating vertically or laterally to groundwater	Controlled Waters
Movement of contaminants via groundwater to surface water bodies	
Surface water runoff into surface water bodies	

7 PRELIMINARY CONTAMINATION RISK ASSESSMENT

Based on the CSM presented above and illustrated in Drawing 4539OR03, Appendix 1, the following potential contaminant linkages and unacceptable risks have been identified including:

- The localised stockpiled arisings on site may present a risk of harm to construction workers and future end users.
- Migration of ground and/or mine gas vapours from nearby historical mine workings and landfills could present a risk to human health in confined spaces and to property.

Therefore, further action is recommended as detailed in Section 10.

8 IDENTIFICATION AND ASSESSMENT OF SITE SPECIFIC COAL MINING RISK

8.1 Assessment of Mineral Instability

The coal mining risk assessment has been undertaken in accordance with the principles of current guidance including the Mining Remediation Authority's guidance document "Risk Based Approach to Development Management - Resources for Developers Version 4" (2017) (Ref. 10) and CIRIA "C758 Abandoned Mine Workings Manual" (2019) (Ref. 11).

The principal factors influencing mineral instability for this site are summarised below.

8.1.1 Underground Coal Workings

Surface settlement above areas of total coal extraction (goaf) is typically rapid and can generally be assumed to be complete after a certain period. Settlement above pillar and stall workings, or old roadways, can be sudden and abrupt; and can occur long after abandonment, sometimes creating surface features known as crown-holes. It is generally considered that a cover of competent rock strata equivalent to ten times the height of the working provides adequate protection against crown-hole development (Ref. 11). Less rock cover can be adequate in certain circumstances (e.g. if the rock cover is particularly strong). Drift deposits give less protection than competent rock, and depending on the nature of the drift material (e.g. whether stiff boulder clay or running sand) considerably more cover may be needed to minimise the risk of surface ground movement. Where mining is identified within seams of less than 1 m thickness, it has been

assumed that the minimum working height will be 1 m, otherwise the working height is assumed to be the seam thickness unless otherwise identified.

Table 05: Mineral Instability Risk Assessment

Seam Name	Seam Description	Workings	Assessment of Risk
Upper Mountain (Hogards)	This seam is shown to outcrop around 130 m to the east / southeast of the main site area and is expected to be at an elevation of around 155 m AOD (27 m bgl). The seam is up to 1.1 m thick.	The seam is expected to be worked at shallow depth by pillar and stall methods from a shaft 100 m to the southeast of the site and through crop workings. It is reported to have been worked up to a thickness of 0.4 m, although localised roadways of up to 1 m should be expected.	The cover of competent rock strata is around 25 m which is greater than ten times the height of the possible workings. As such, recorded workings in this seam will present a low risk of mineral instability to the proposed development of the main site area.

8.2 Assessment of Mine Gas Risk

Utilising the information presented in Section 4.2 and the CL:AIRE Decision Support Tool (Ref. 12), this site falls within the High Risk Zone, fulfilling the following criteria:-

- The site is within a Coal Mining Reporting Area.
- Shallow workings are present in the vicinity of the site at depths of <30 m which are likely to be unflooded or only partially flooded.

9 PRELIMINARY COMMENTS ON ENGINEERING DESIGN

9.1 Foundation Design

The site is expected to be underlain by thin Glacial Till and shallow sandstone bedrock, therefore, normal shallow strip foundations may be suitable for lightly loaded structures.

In view of the slope across the site (around 178 m AOD in the southeast rising to around 190 m AOD in the northwest) it is likely that significant cut and fill works will be required to prepare a development platform across the proposed structure footprint and this may including constructing embankments to the west and northern elevations – consideration of slope stability of these embankments particularly given the pond only 9 m to the northwest and the requirements for retaining structures will be necessary. It should be noted that the Envirocheck report identifies the site and surrounding area as being at low to high risk from landslide.

The site is in an area that could be potentially affected by shallow mine workings although the cover of competent rock strata is expected to be around 25 m which is greater than ten times the height of the possible workings. As such, recorded workings in the Upper Mountain coal seam will present a low risk of mineral instability to the proposed development on the main site area.

9.2 Infiltration Drainage

Thin cohesive Glacial Till deposits, of potentially low permeability, are expected across the whole site. These soils are unlikely to be suitable for infiltration drainage systems. The underlying sandstone bedrock may be locally suitable for infiltration/sustainable drainage systems subject to further assessment by a drainage specialist.

10 RECOMMENDATIONS FOR GROUND INVESTIGATION

The following investigations are proposed to address the potentially significant risks identified in this report and also provide geotechnical information for design purposes.

- Investigate the ground and groundwater conditions to prove the thickness of the stockpiled made ground and superficial deposits across the site.
- Carry out chemical testing of the stockpiled made ground and superficial deposits.
- Carry out gas monitoring to assess the risk of ground gas migration from nearby historical mine workings and landfills
- Prove the depth to competent founding strata.
- Prove the presence of shallow water table and running sands.

A handwritten signature in black ink, appearing to read 'M. Lakey', enclosed within a hand-drawn oval.

M LAKEY
DIRECTOR

11 REFERENCES

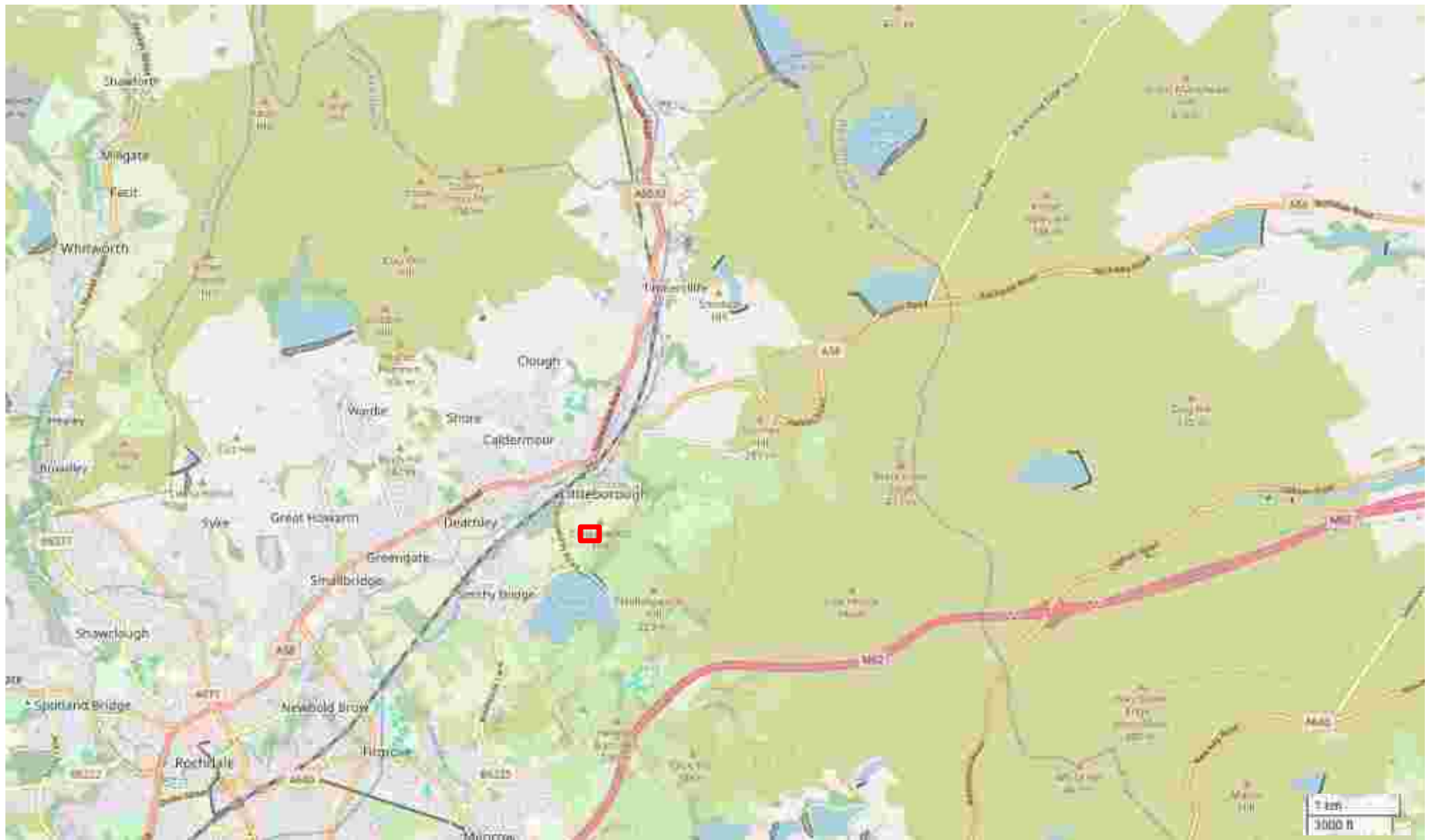
- 1 British Standards Institution, January 2001. BS 10175:2011+A2:2017, Investigation of Potentially Contaminated Sites – Code of Practice.
- 2 British Standards Institution, July 2015. BS 5930:2015+A1:2020, Code of Practice for Ground Investigations.
- 3 Environment Agency, 2025. Land Contamination: Risk Management.
- 4 NHBC, 2025. NHBC Standards.
- 5 DEFRA, 2012. Environmental Protection Act 1990: Part 2A Contaminated Land Statutory Guidance
- 6 British Geological Survey, 23/03/2021. Sheet 76, Rochdale, 1:50,000 Solid and Drift Edition
- 7 BRE Press, 2023. BRE 211 Radon: Guidance on protective measures for new buildings (including supplementary advice for extensions, conversions and refurbishment projects) 2023 Edition.
- 8 Radon risk viewer at <https://www.ukradon.org/information/ukmaps>
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- 11 CIRIA, 2019. C758D Abandoned Mine Workings Manual.
- 12 CL:AIRE, 2021. Good Practice for Risk Assessment for Coal Mine Gas Emissions.

APPENDIX 1

DRAWINGS

APPENDIX 1.1

FWS DRAWINGS



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NOTES / KEY

SITE LOCATION —



DRAWING TITLE

SITE LOCATION PLAN

PROJECT TITLE

PRELIMINARY CONTAMINATION RISK ASSESSMENT
ON LAND AT HOLLINGWORTH, LITTLEBOROUGH

CLIENT

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DRAWN BY

AM

DATE

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SCALE

AS SHOWN

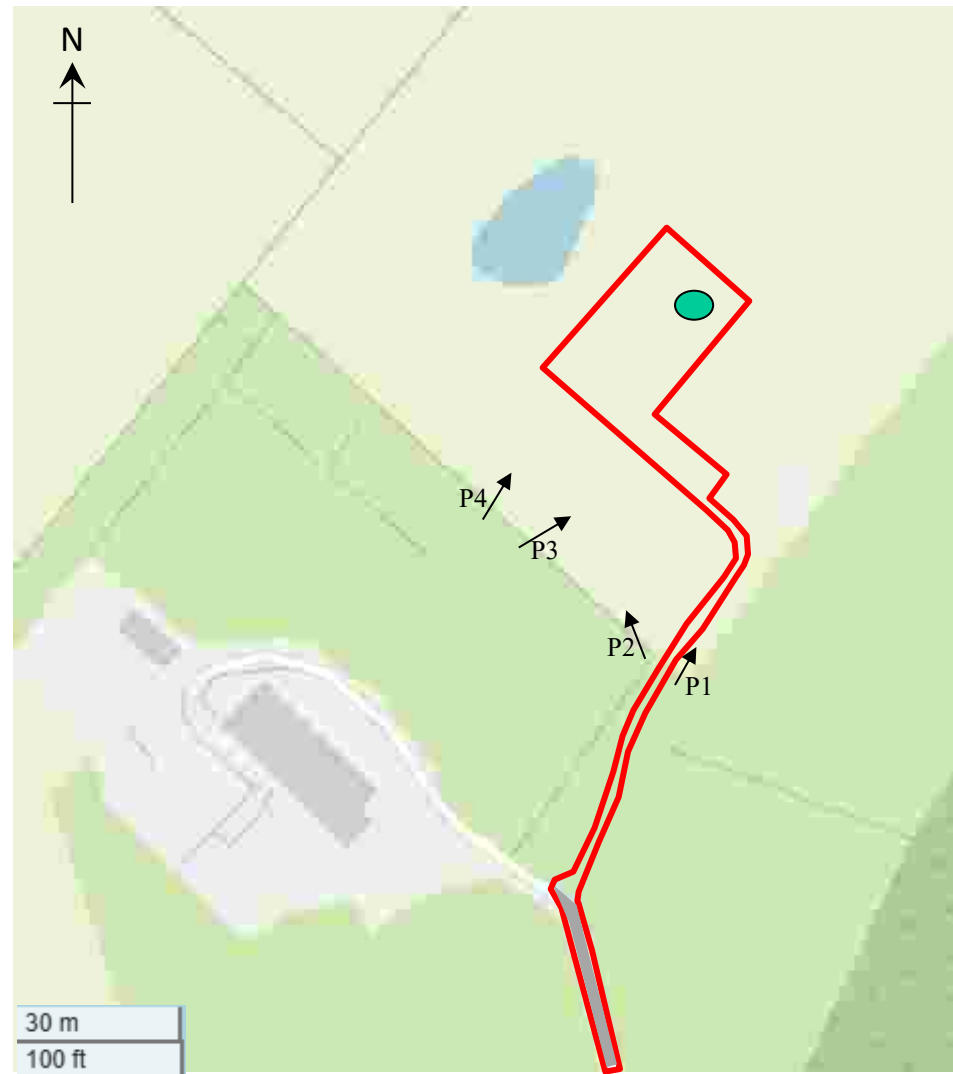
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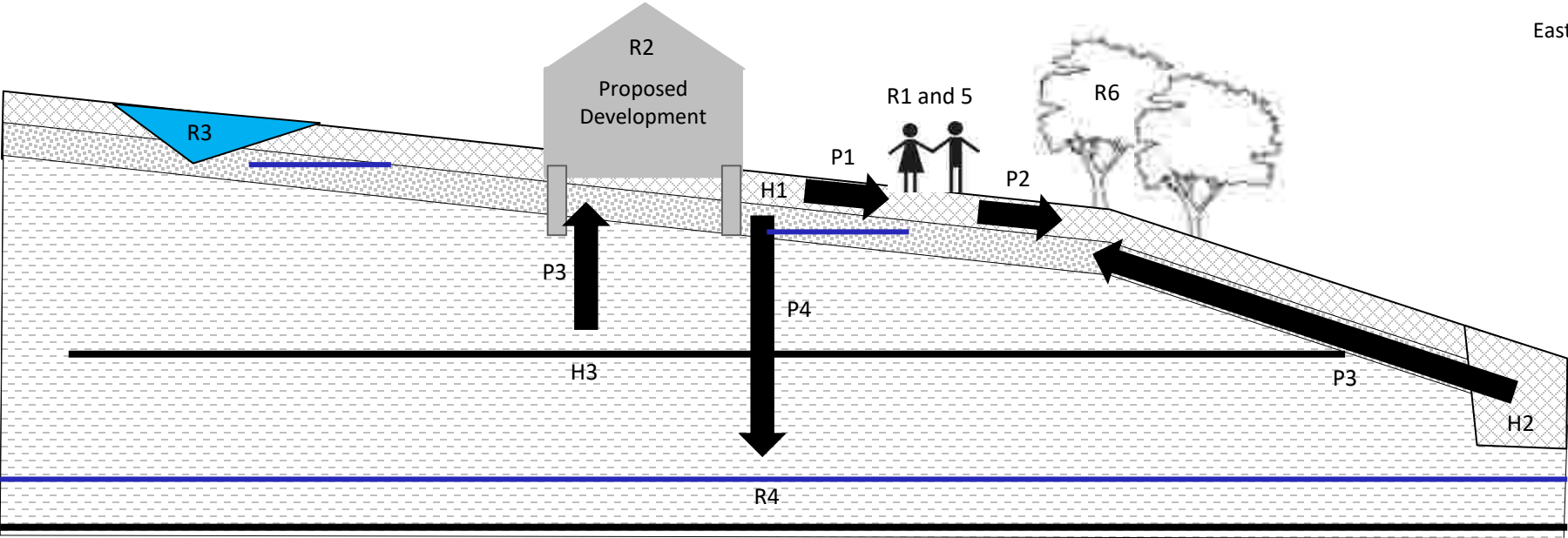
Tel: 01388 420633
admin@fwsconsultants.com www.fwsconsultants.com



NOTES / KEY SITE BOUNDARY MOUND OF EARTH POND		DRAWING TITLE SITE FEATURES PROJECT TITLE PRELIMINARY CONTAMINATION RISK ASSESSMENT ON LAND AT HOLLINGWORTH, LITTLEBOROUGH	CLIENT Ashfold Quality Meats Ltd STATUS FINAL DRAWN BY AM SCALE AS SHOWN PROJECT NUMBER 4539 DATE March 2026 DRG. No. 4539OD02	FWS Geotechnical & Environmental Consultants Unit 2 City West Business Park St Johns Road Meadowfield Industrial Estate Durham County Durham DH7 8ER Tel: 01388 420633 admin@fwsconsultants.com www.fwsconsultants.com
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West

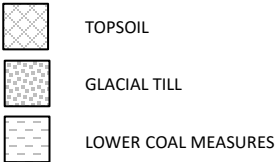
East



Hazard / Pollutant		Pathway		Receptor		Severity of Consequence	Probability of Occurrence	Level of Risk
H1	Localised contamination within stockpiled arisings	P1	Inhalation, ingestion and dermal contact	R1 R5	Future End Users Construction Workers	Medium	Likely	Moderate
		P2	Direct contact	R6	Plants/Landscaping	Mild	Low Likelihood	Very Low
		P4	Leaching of contaminants vertically or laterally to groundwater	R3 R4	Pond Perched Groundwaters Secondary A Aquifer	Mild	Low Likelihood	Very Low
H2	Gases originating from historical landfill or mine shaft	P1 P3	Inhalation, ingestion and dermal contact Soil gas or soil vapours pooling within the structures	R2	Property (Human Health in confined spaces)	Medium	Low Likelihood	Low
H3	Mine gas emissions	P1 P3	Inhalation, ingestion and dermal contact Soil gas or soil vapours pooling within the structures	R1 R2 R5	Future End Users Property (Human Health in confined spaces) Construction Workers	Medium	High Likelihood	High

The property is also indicated to be within a high probability radon area, as greater than 10% of buildings are above the action level.

NOTES / KEY



COAL SEAM/WORKINGS

DRAWING TITLE

CONCEPTUAL SITE MODEL AND PRELIMINARY
RISK ASSESSMENT

PROJECT TITLE

PRELIMINARY CONTAMINATION RISK ASSESSMENT
ON LAND AT HOLLINGWORTH, LITTLEBOROUGH

CLIENT

Ashfold Quality Meats Ltd

STATUS

FINAL

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NOT TO SCALE

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DATE

March 2026

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4539OD03

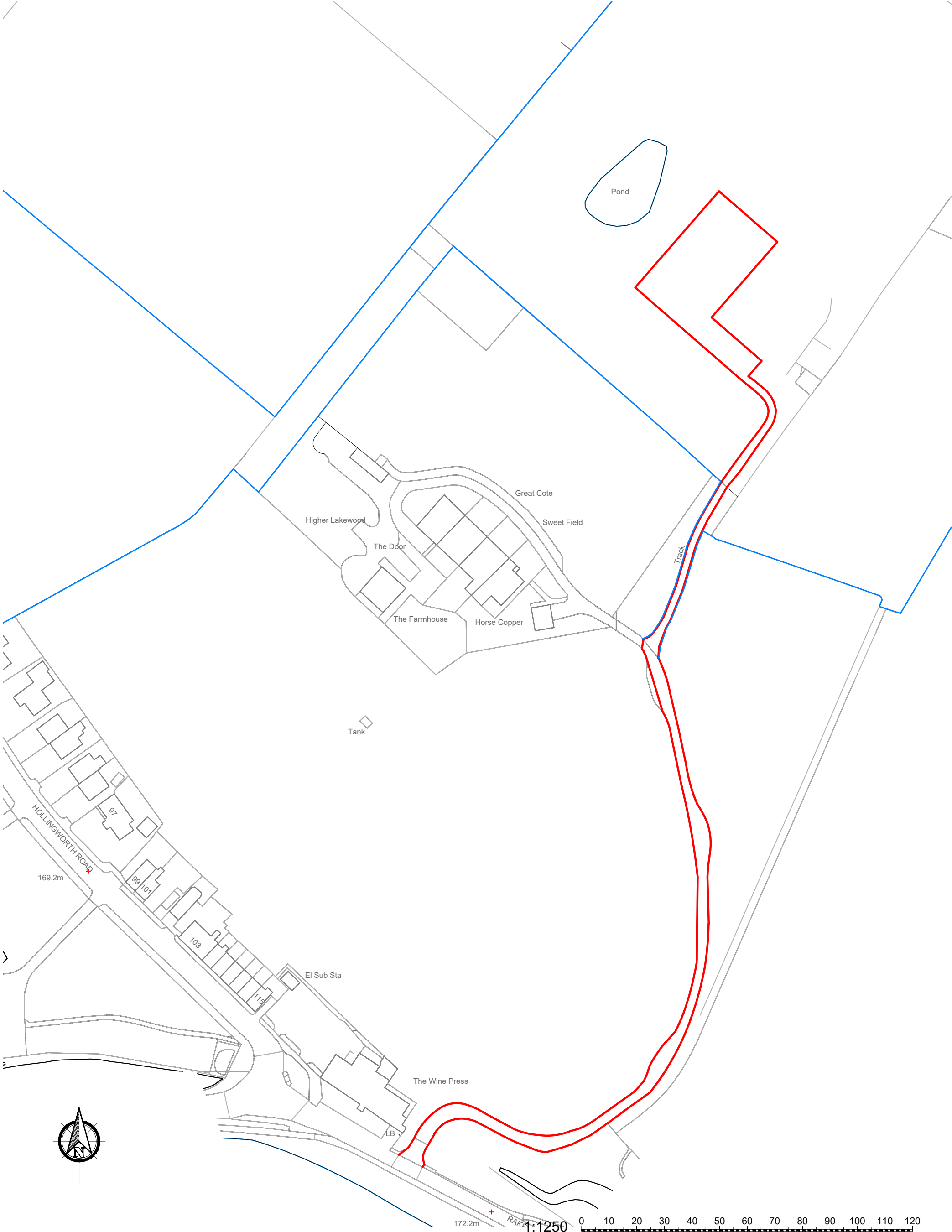
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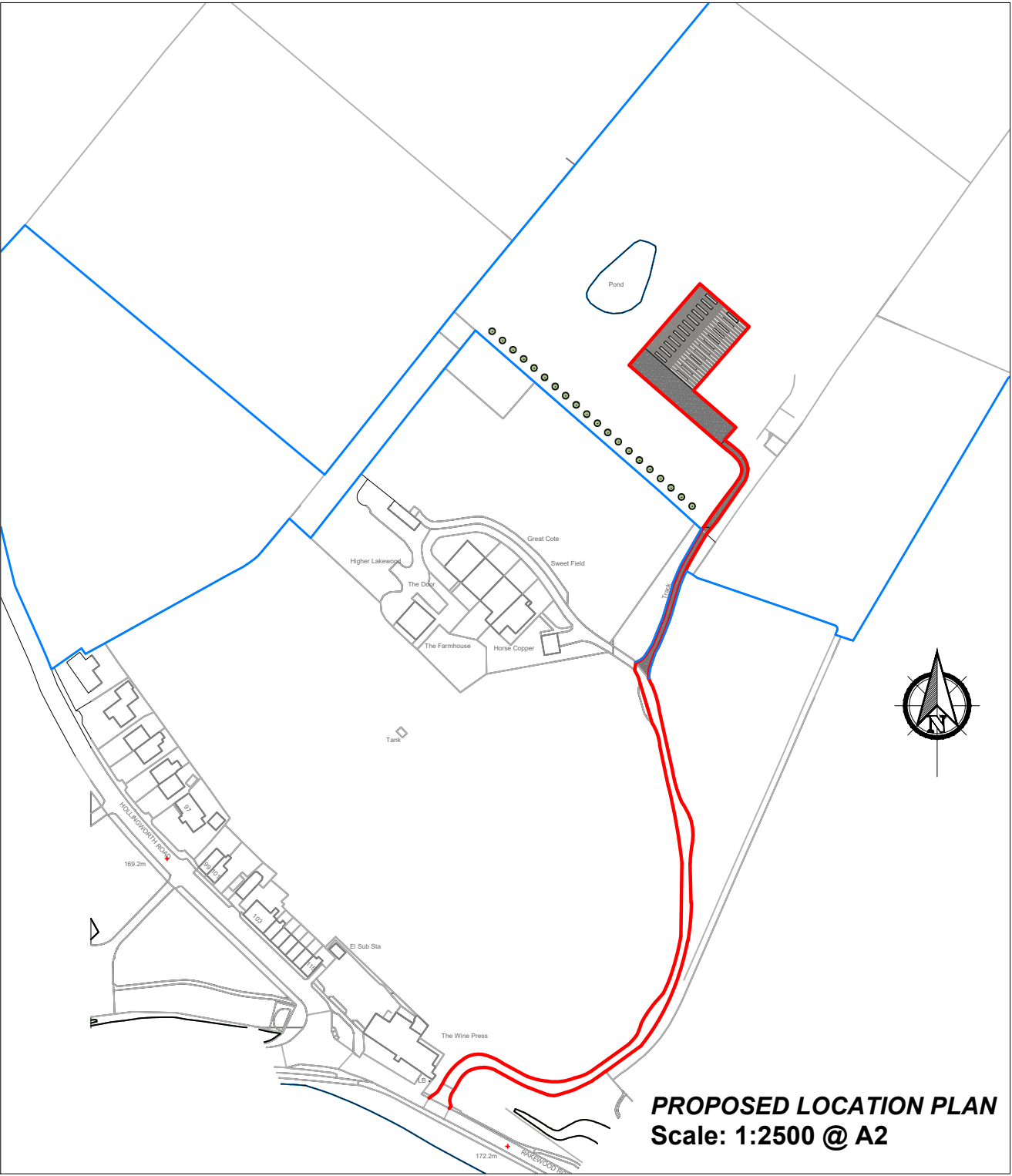
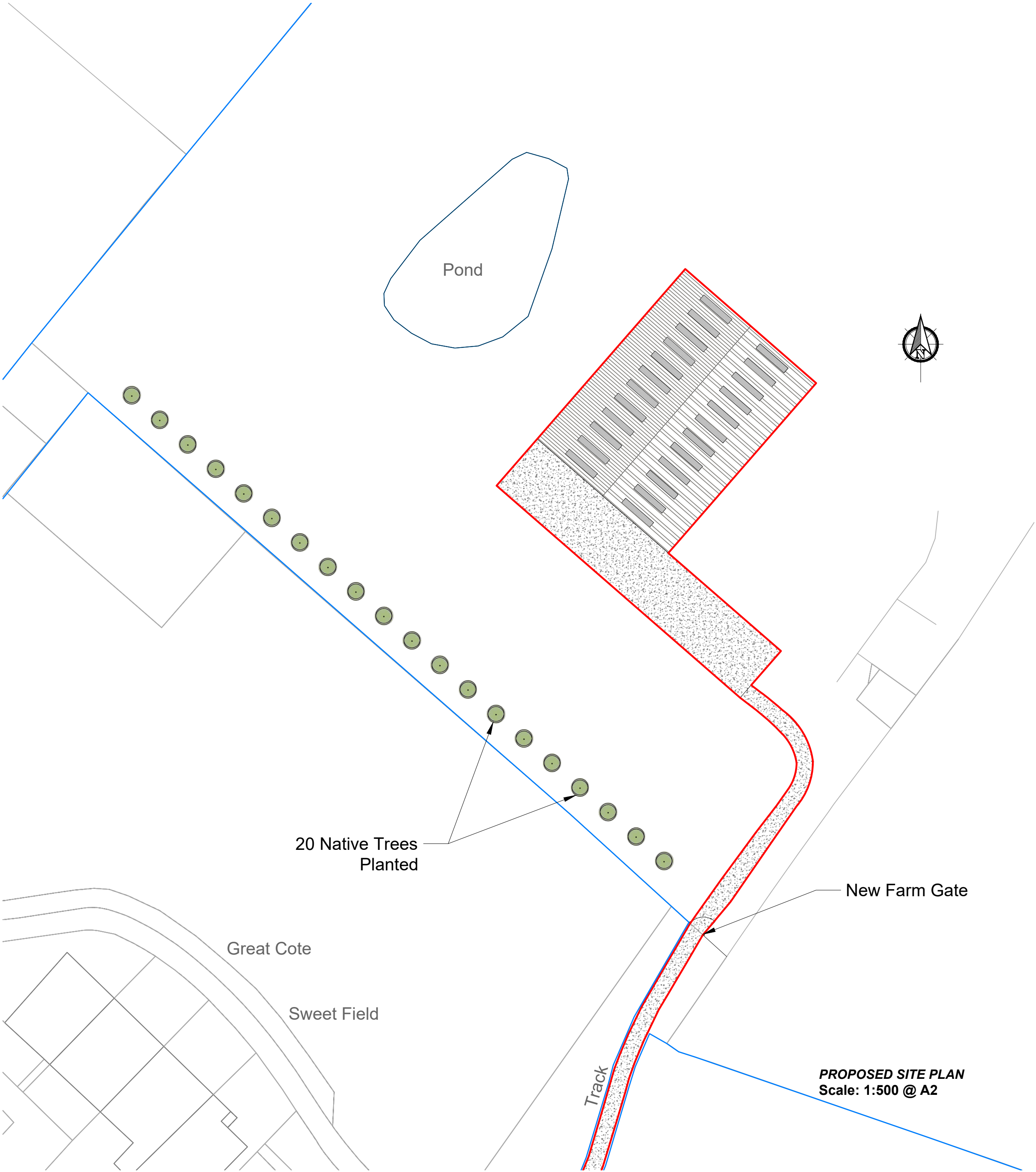
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APPENDIX 1.2

THIRD PARTY DRAWINGS



Title: Land Adjacent to Cleggswood Farm, Higher Lakewood, Hollingworth Road, Littleborough, OL15 0AZ	Client: Ashfold Quality Meats Ltd	 BUILDING ELEMENTS LTD Town Planning and Architecture Duckpond Farm Cottage, Moorgate Rd, Barnoldswick, Lancs, BB18 5SQ M: 0797 658 7694
	Project No: PWA/02 Dwg 01	
	Scale: 1:1250 @ A3	
	Date: 04.12.25	
	Drawn: DP	
	Amendments:	
LOCATION PLAN		
Notes: All work is to be carried out to the latest current British standards Codes of Practice and recognised working practices. All work and materials should comply with Health and Safety legislation and to be approved by the Local Authority Planning / Building Control Officer. All dimensions are in millimetres unless where explicitly shown otherwise. The contractor should check and clarify all dimensions as work proceeds and notify the design team of any discrepancies. Do not scale off the drawings, if in doubt ask. Avalon Chartered Town Planning are not liable for work undertaken prior to Full Planning Consent and/or Building Regulations Approval		



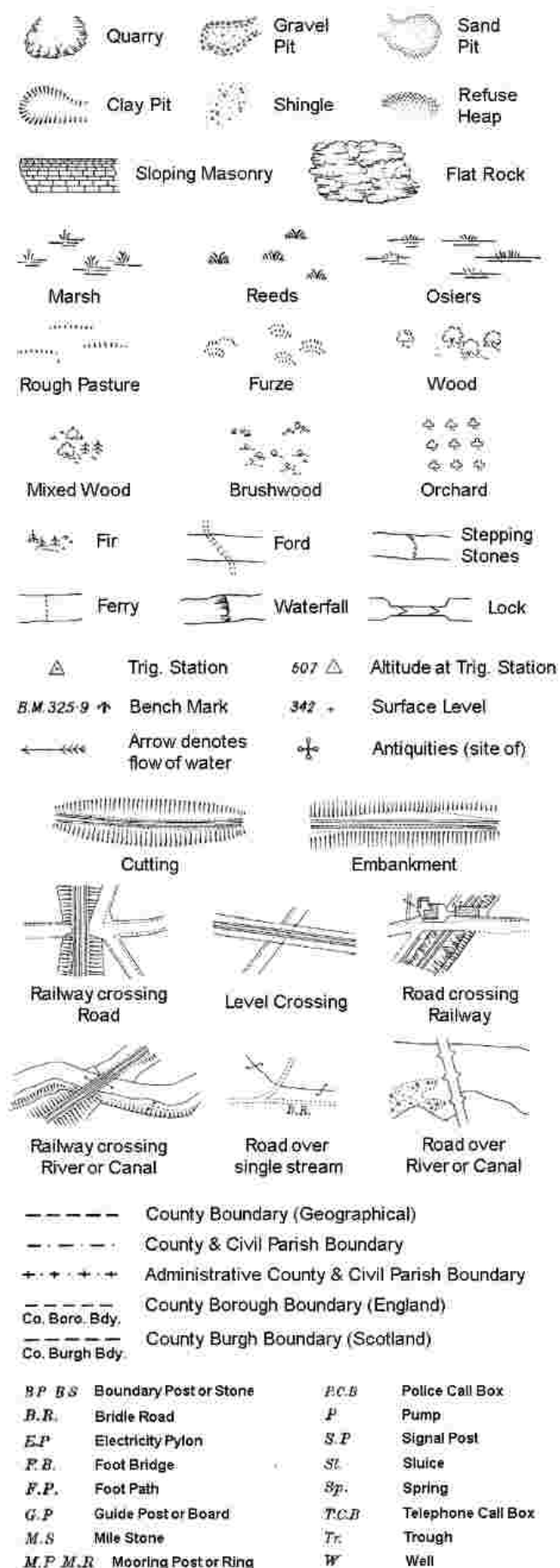
Notes: All work is to be carried out to the latest current British standards Codes of Practice and recognised working practices. All work and materials should comply with Health and Safety legislation. All work and materials to be approved by the District Authority Planning & Building Control Officer. All dimensions are in millimetres unless where explicitly shown otherwise. The contractor should check and certify all dimensions as work proceeds and notify the architect of any discrepancies. Do not scale off the drawings, if in doubt ask. The designer is in no way liable for work undertaken prior to full Planning Consent and/or Building Regulations Approval	
Title: Land Adjacent to Cleggswood Farm, Higher Lakewood, Hollingworth Road, Littleborough, OL15 0AZ PROPOSED SITE AND LOCATION PLAN	
 BUILDING ELEMENTS LTD Town Planning and Architecture Duckpond Farm Cottage, Moorgate Rd, Barnoldswick, Lancs, BB18 5SQ M: 0797 658 7694	
Project No:PWA/02 Dwg 02	Drawn: DP
Client: Ashfold Quality Meats Ltd	
Date: 05/01/2025	Scale: @ A2

APPENDIX 2

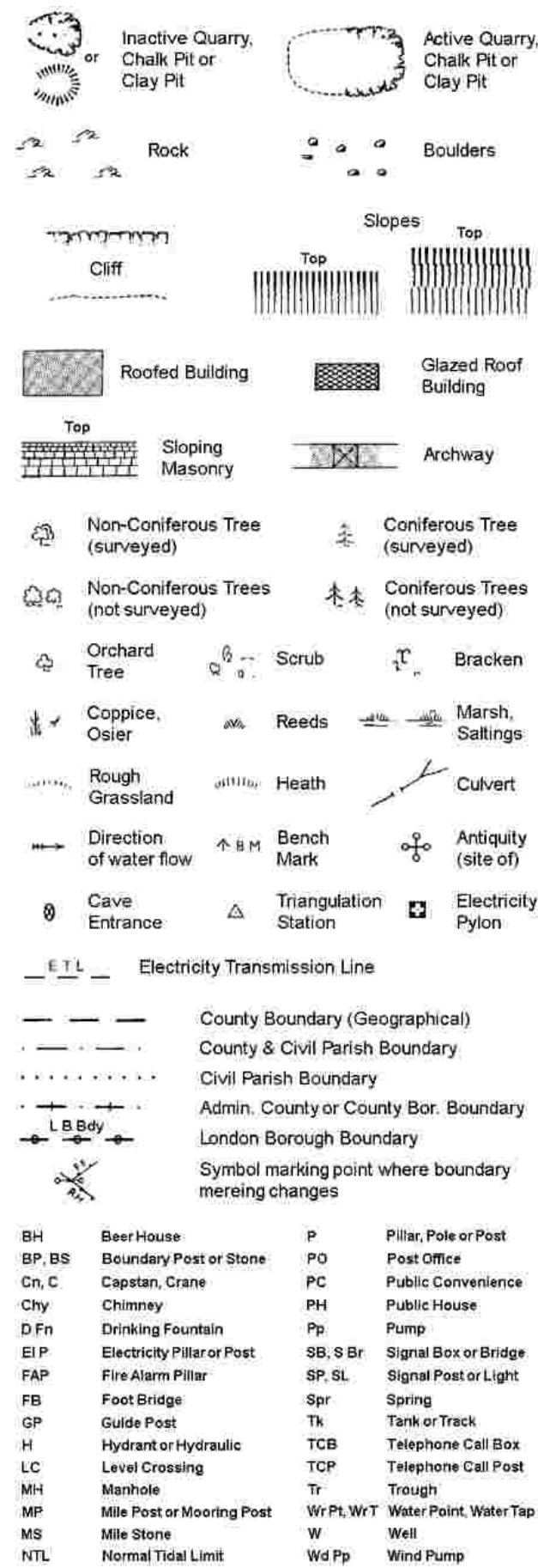
RECENT AND HISTORICAL OS MAPS

Historical Mapping Legends

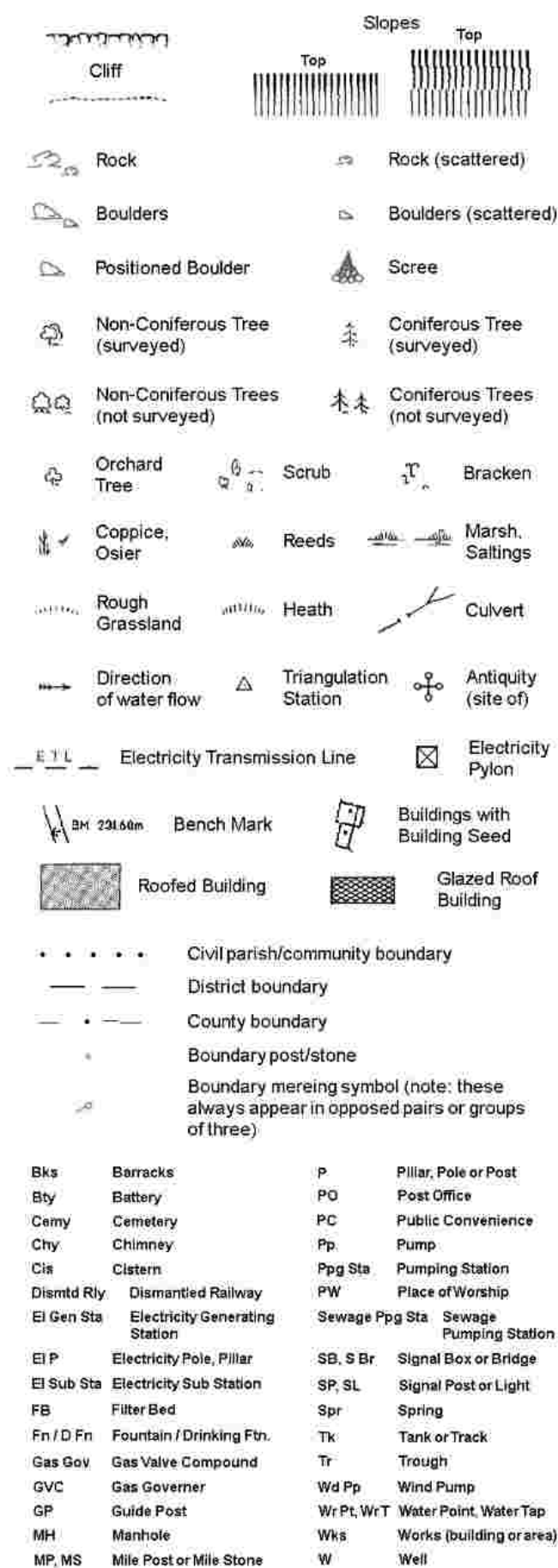
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



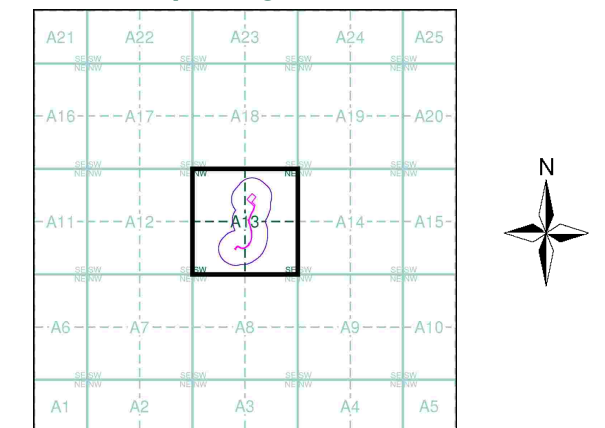
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1910	3
Lancashire And Furness	1:2,500	1930	4
Lancashire And Furness	1:2,500	1938	5
Ordnance Survey Plan	1:1,250	1960	6
Ordnance Survey Plan	1:2,500	1961 - 1964	7
Supply of Unpublished Survey Information	1:1,250	1974 - 1976	8
Supply of Unpublished Survey Information	1:1,250	1976	9
Additional SIMs	1:1,250	1978 - 1988	10
Additional SIMs	1:2,500	1983	11
Additional SIMs	1:2,500	1988	12
Large-Scale National Grid Data	1:1,250	1992	13
Large-Scale National Grid Data	1:2,500	1992	14
Historical Aerial Photography	1:2,500	2001	15

Historical Map - Segment A13



Order Details

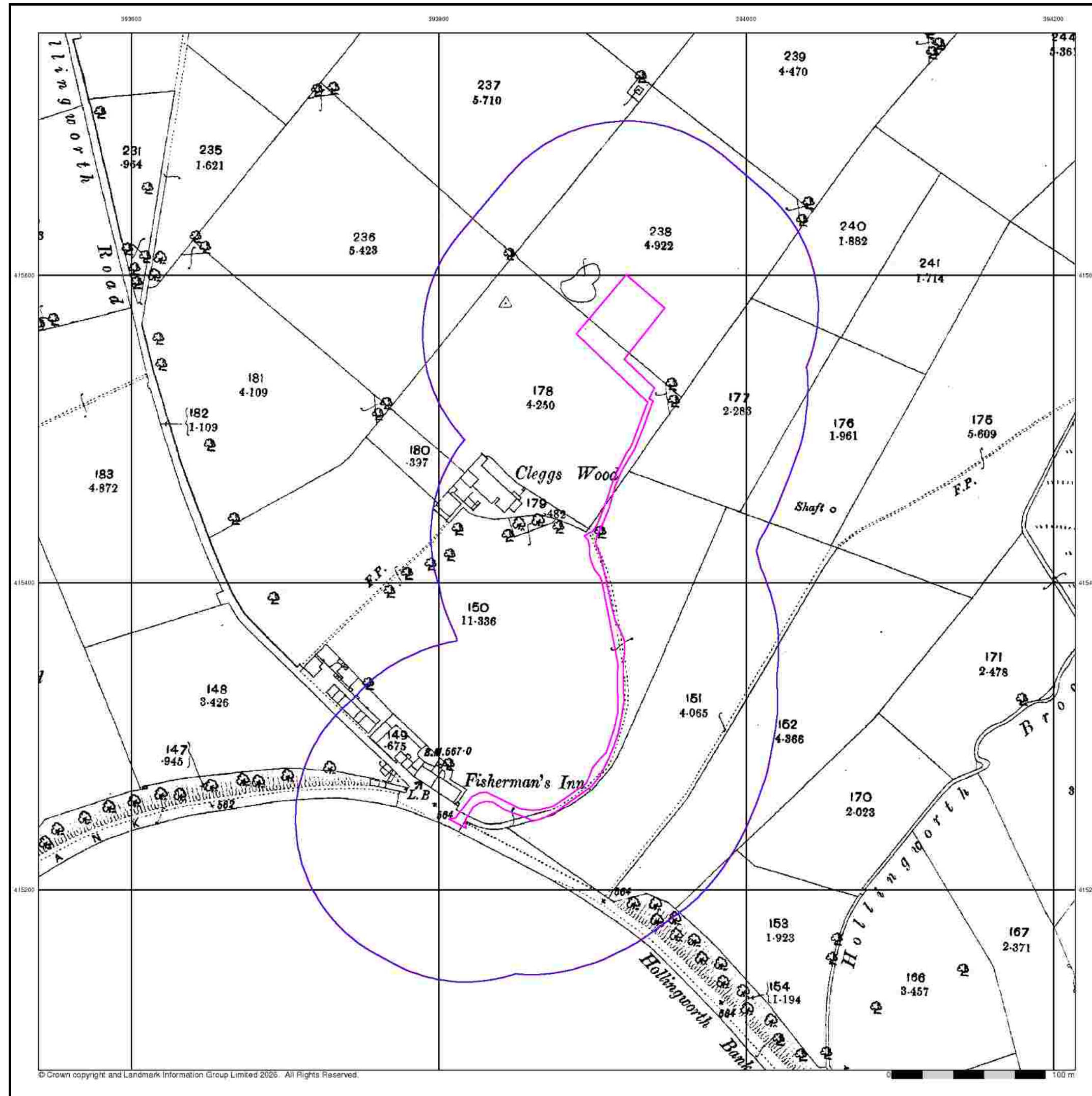
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

Site Details

Site at 393900, 415570

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Lancashire And Furness

Published 1893

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

081_14

1893

1:2,500

Historical Map - Segment A13

A21A22A23A24A25

A16A17A18A19A20

A11A12A13A14A15

A6A7A8A9A10

A1A2A3A4A5

N

Order Details

Order Number:	397350753_1_1
Customer Ref:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	100

Site Details

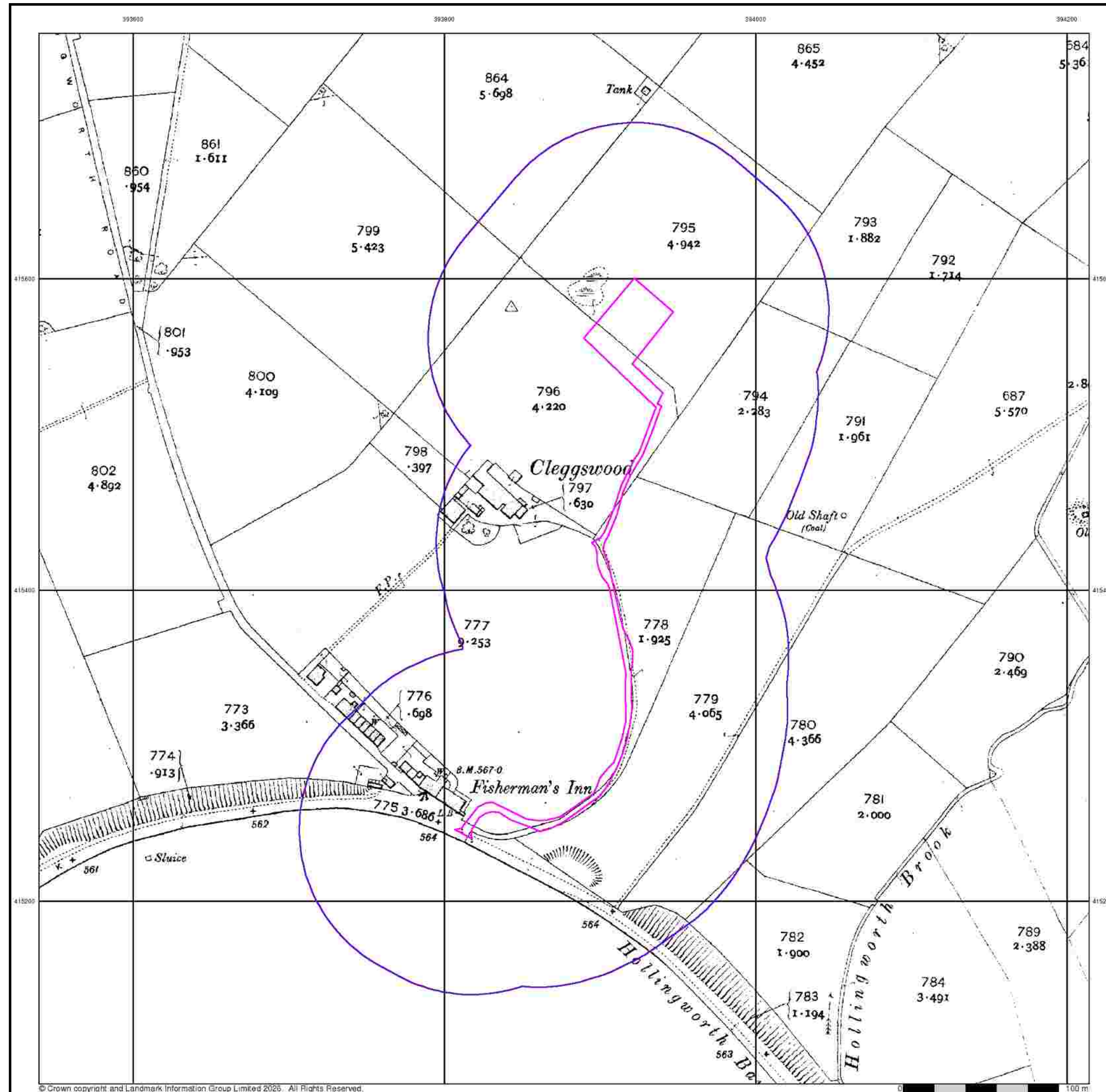
Site at 393900, 415570

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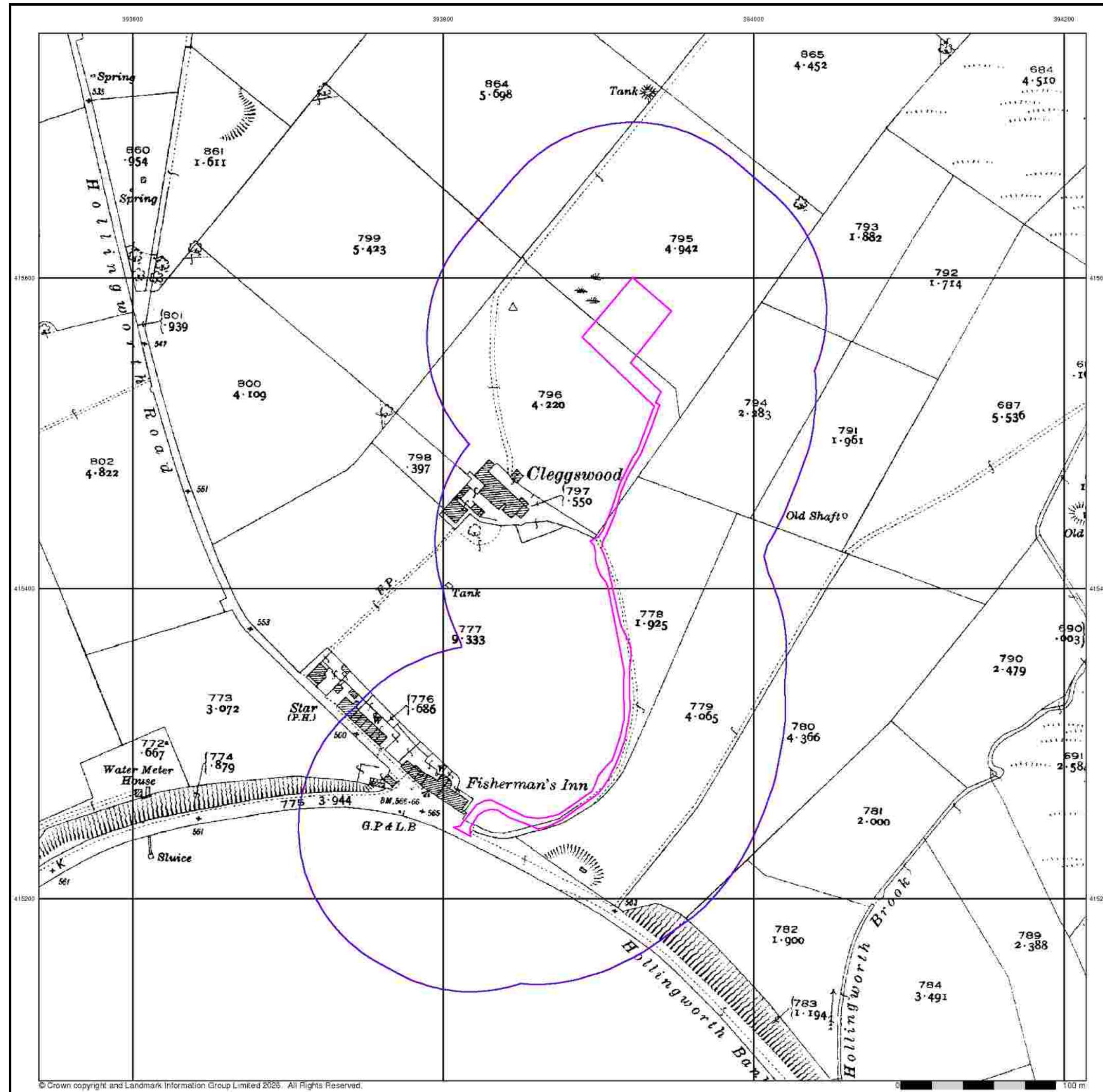
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Lancashire And Furness

Published 1930

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

081_14

1930

1:2,500

Historical Map - Segment A13

A21

A22

A23

A24

A25

A16

A17

A18

A19

A20

A11

A12

A13

A14

A15

A6

A7

A8

A9

A10

A1

A2

A3

A4

A5

N

Order Details

Order Number:	397350753_1_1
Customer Ref:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	100

Site Details

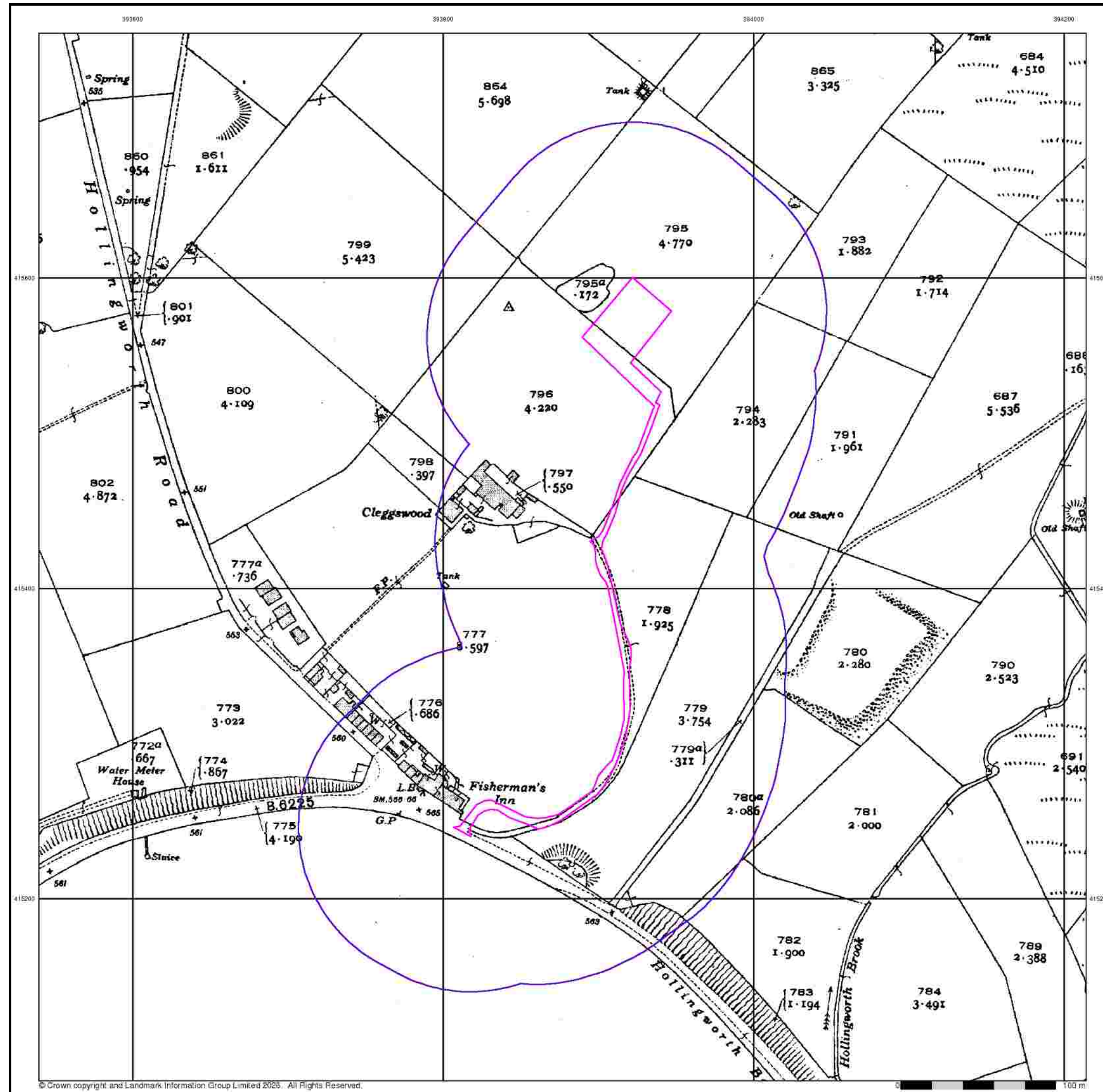
Site at 393900, 415570

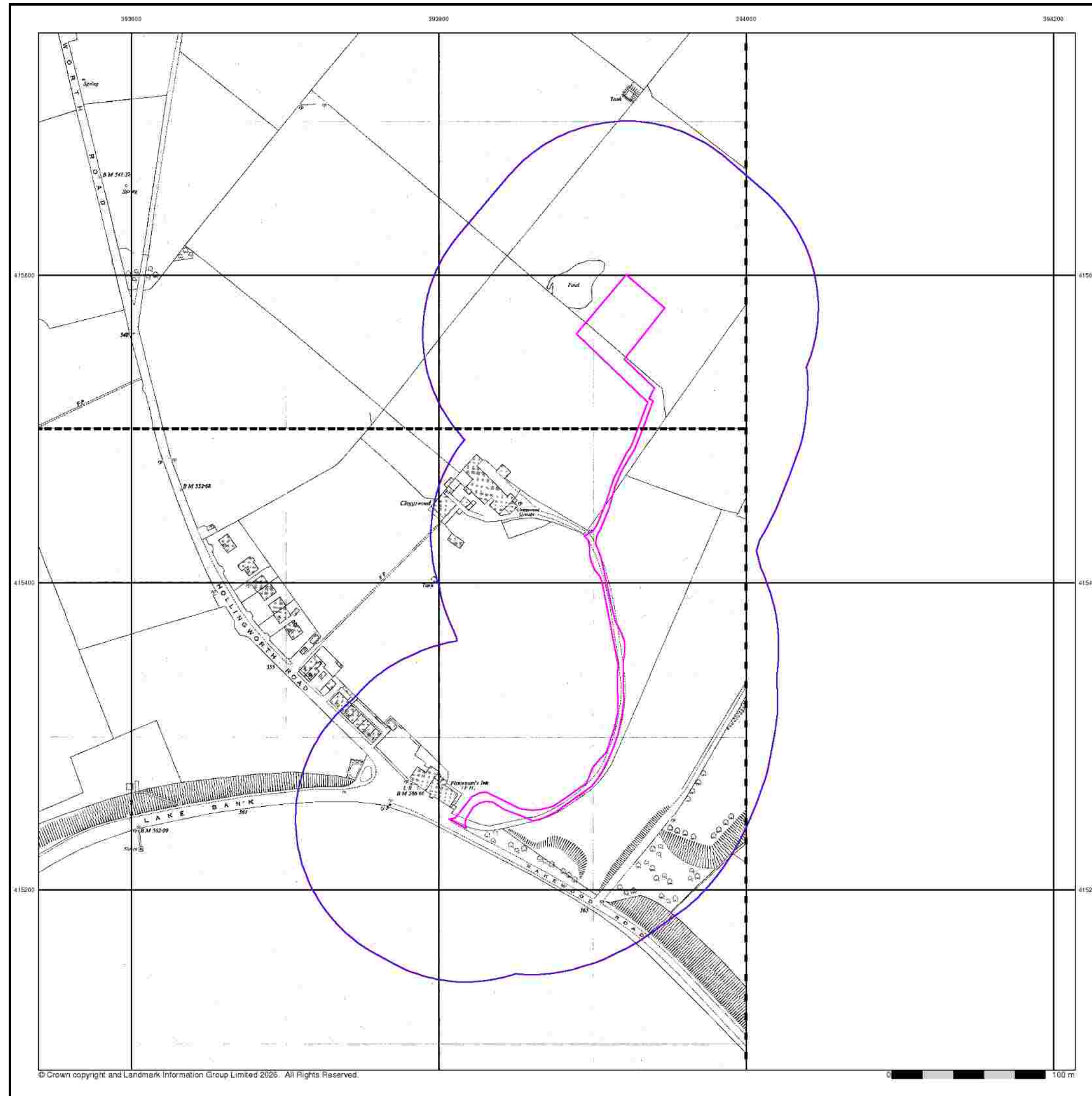
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Ordnance Survey Plan

Published 1960

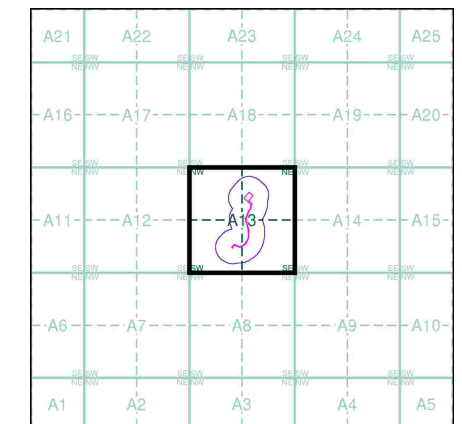
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD9315NE
1960
1:1,250
SD9315SE
1960
1:1,250

Historical Map - Segment A13

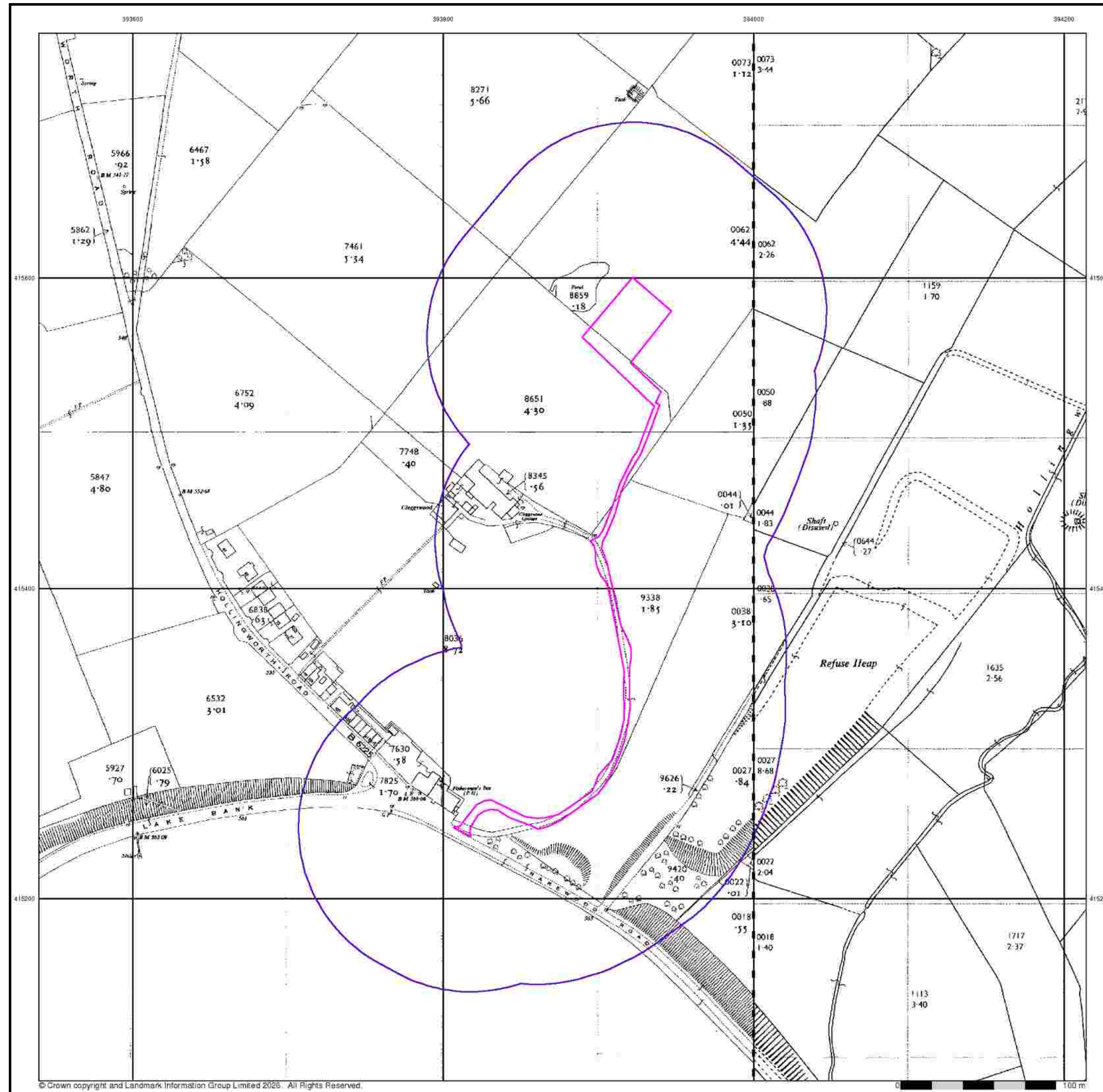


Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

Site Details

Site at 393900, 415570



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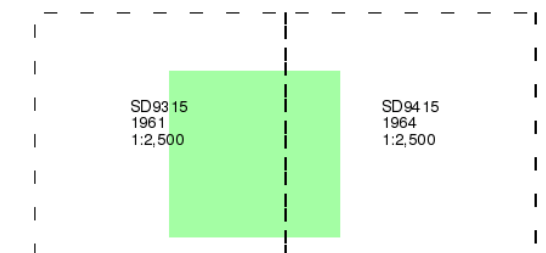
Ordnance Survey Plan

Published 1961 - 1964

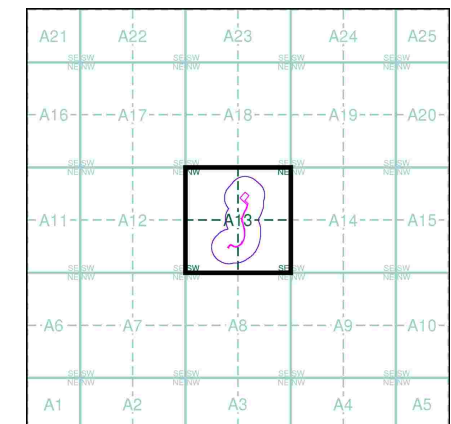
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

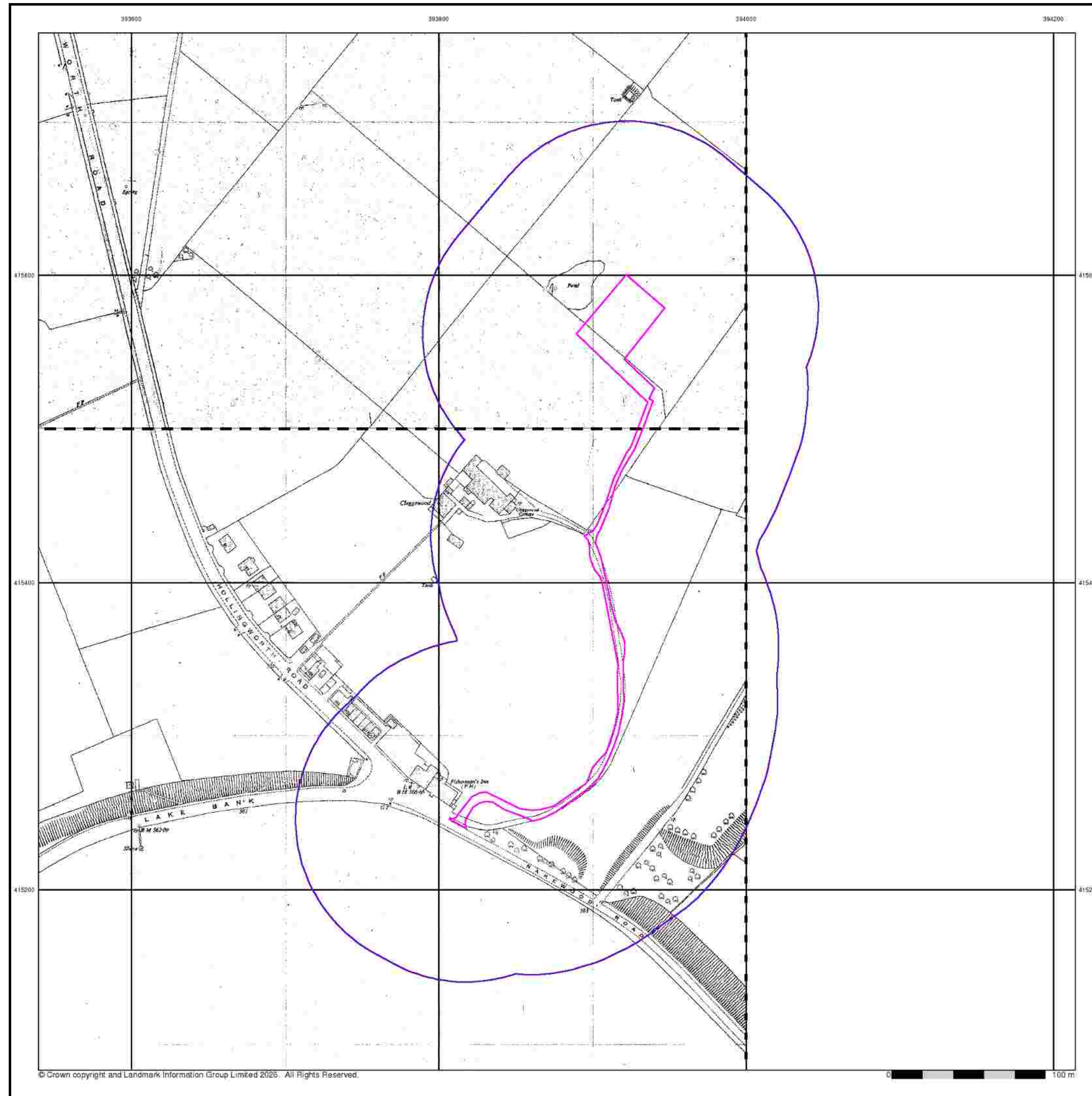
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

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Supply of Unpublished Survey Information

Published 1974 - 1976

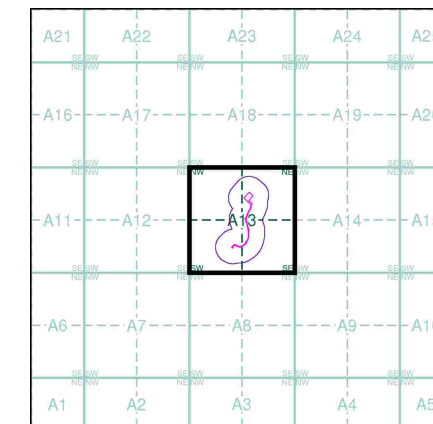
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD9315NE
1974
1:1,250
SD9315SE
1976
1:1,250

Historical Map - Segment A13



Order Details

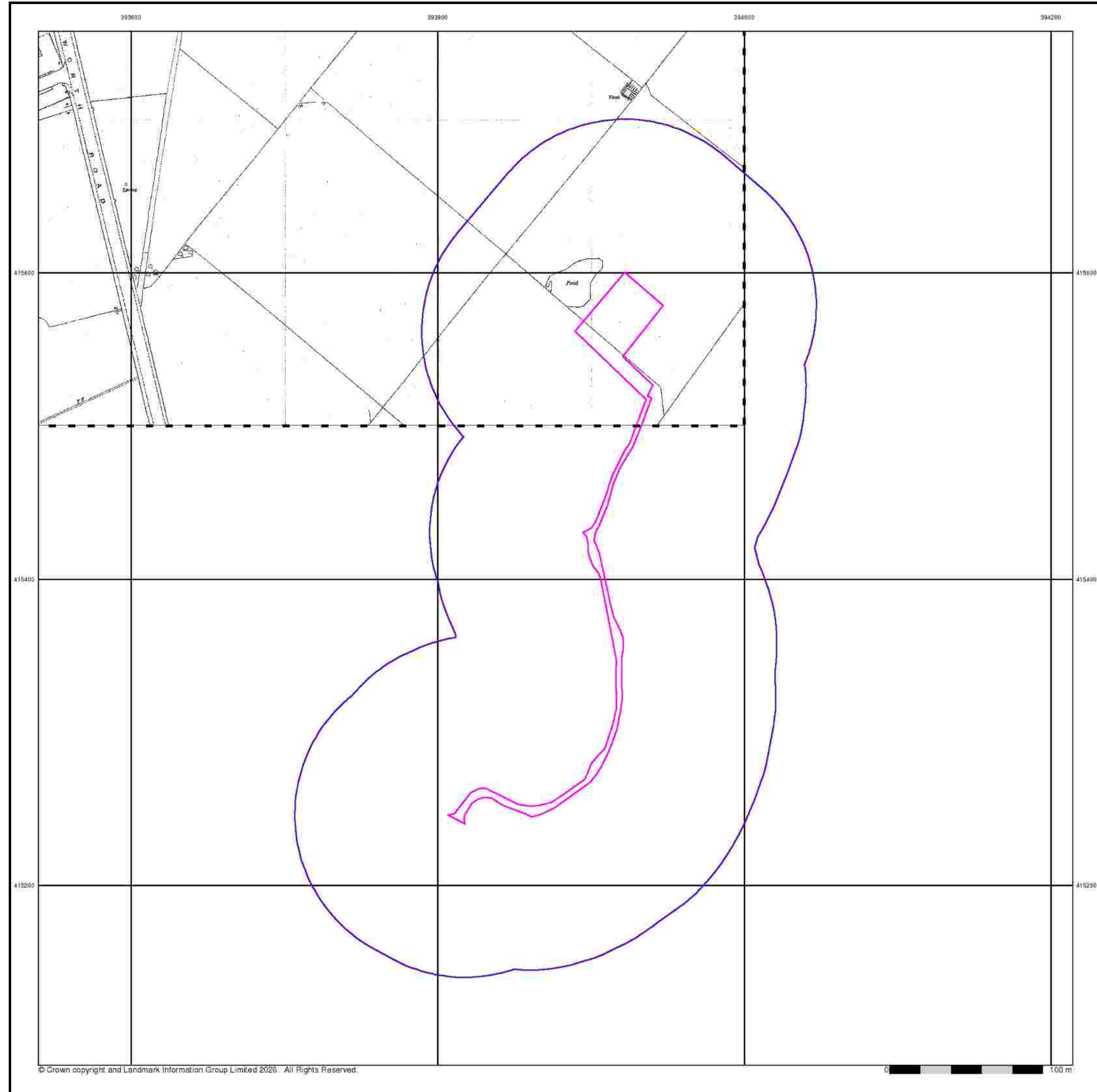
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

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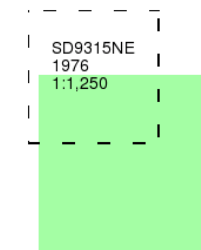
Supply of Unpublished Survey Information

Published 1976

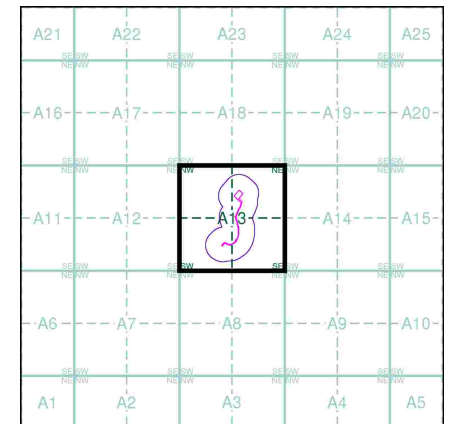
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

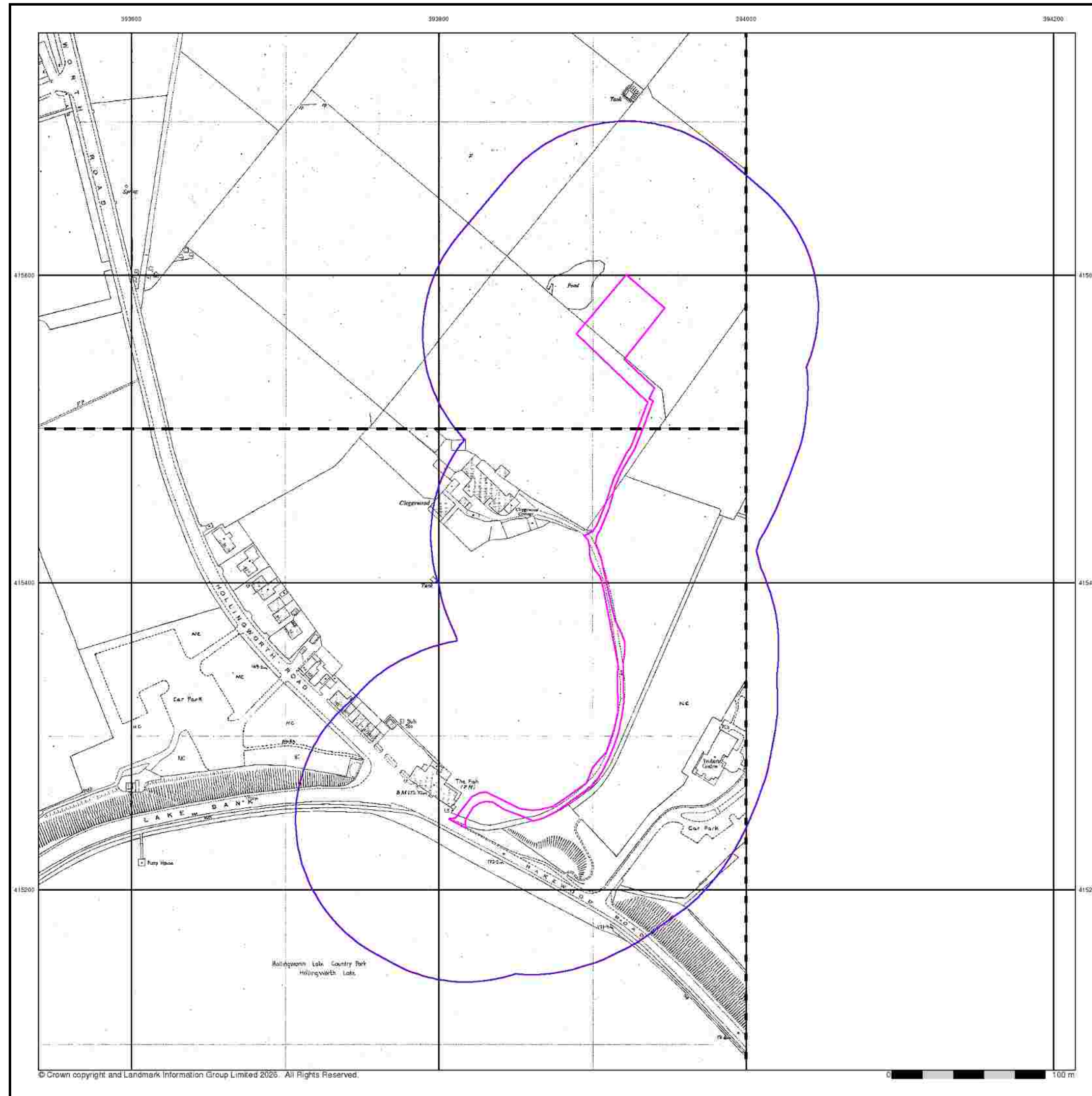


Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

Site Details

Site at 393900, 415570



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Additional SIMs

Published 1978 - 1988

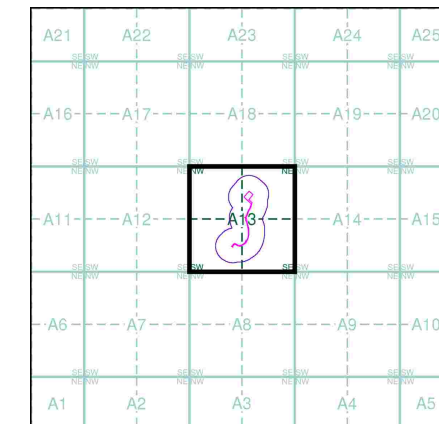
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD9315NE
1978
1:1,250
SD9315SE
1988
1:1,250

Historical Map - Segment A13

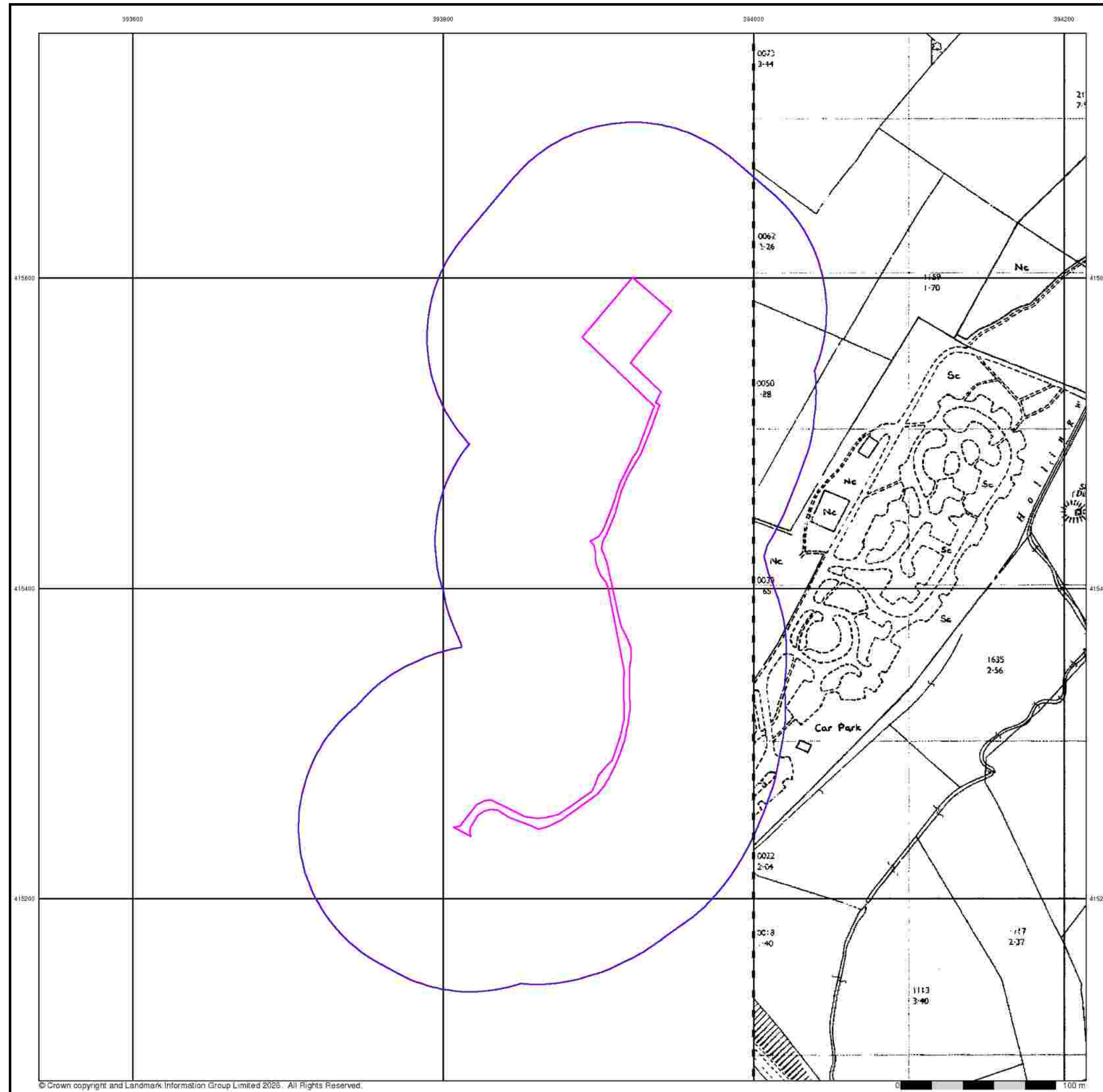


Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

Site Details

Site at 393900, 415570



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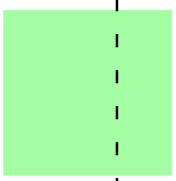
Additional SIMs

Published 1983

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

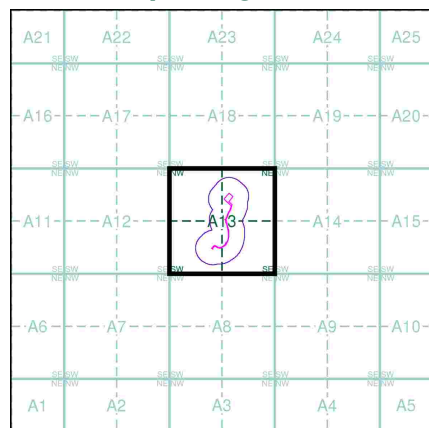


SD9415

1983

1:2,500

Historical Map - Segment A13

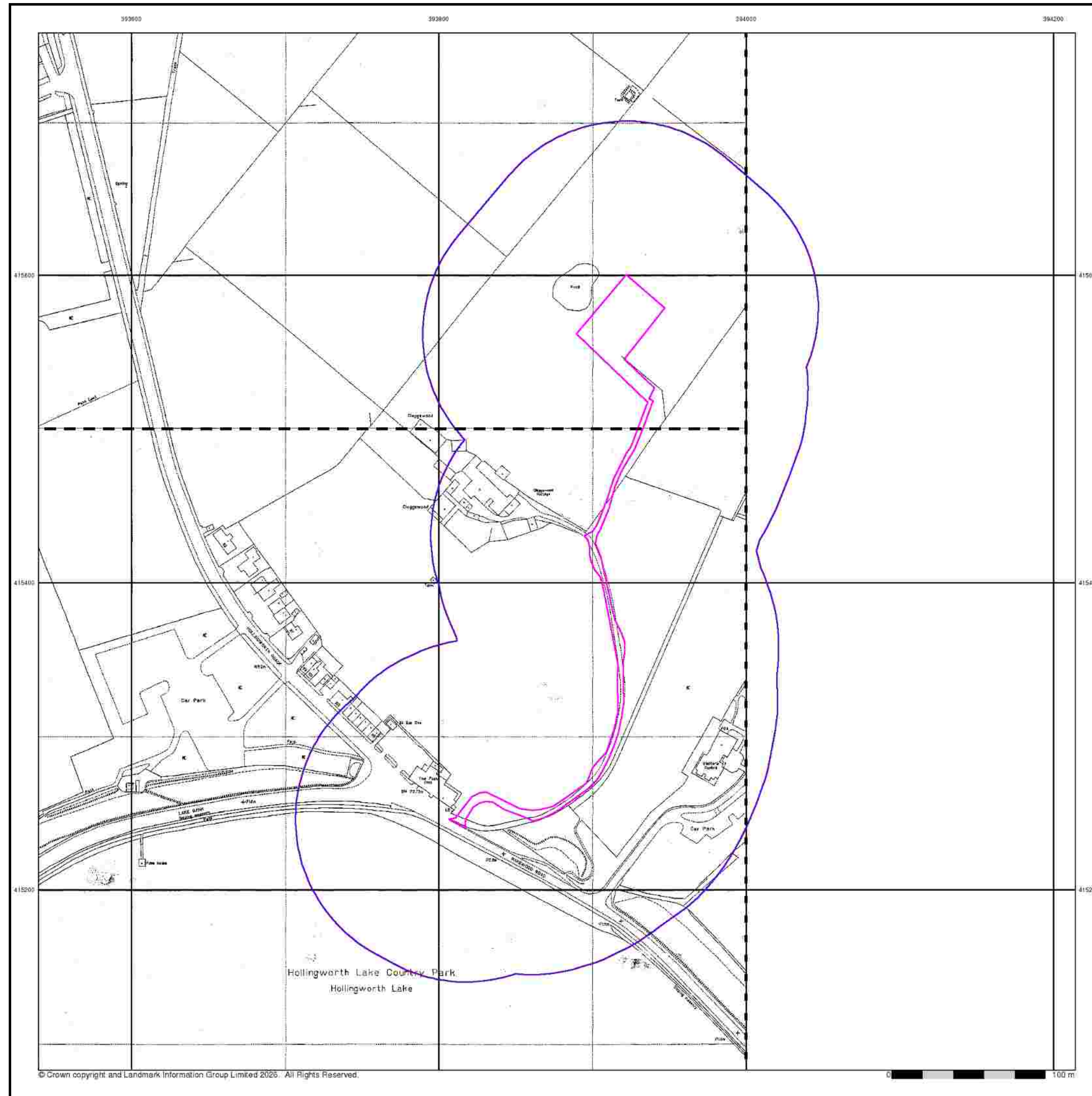


Order Details

Order Number:	397350753_1_1
Customer Ref:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	100

Site Details

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Large-Scale National Grid Data

Published 1992

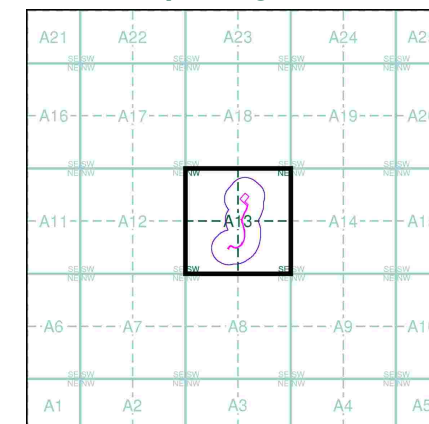
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SD9315NE
1992
1:1,250
SD9315SE
1992
1:1,250

Historical Map - Segment A13



Order Details

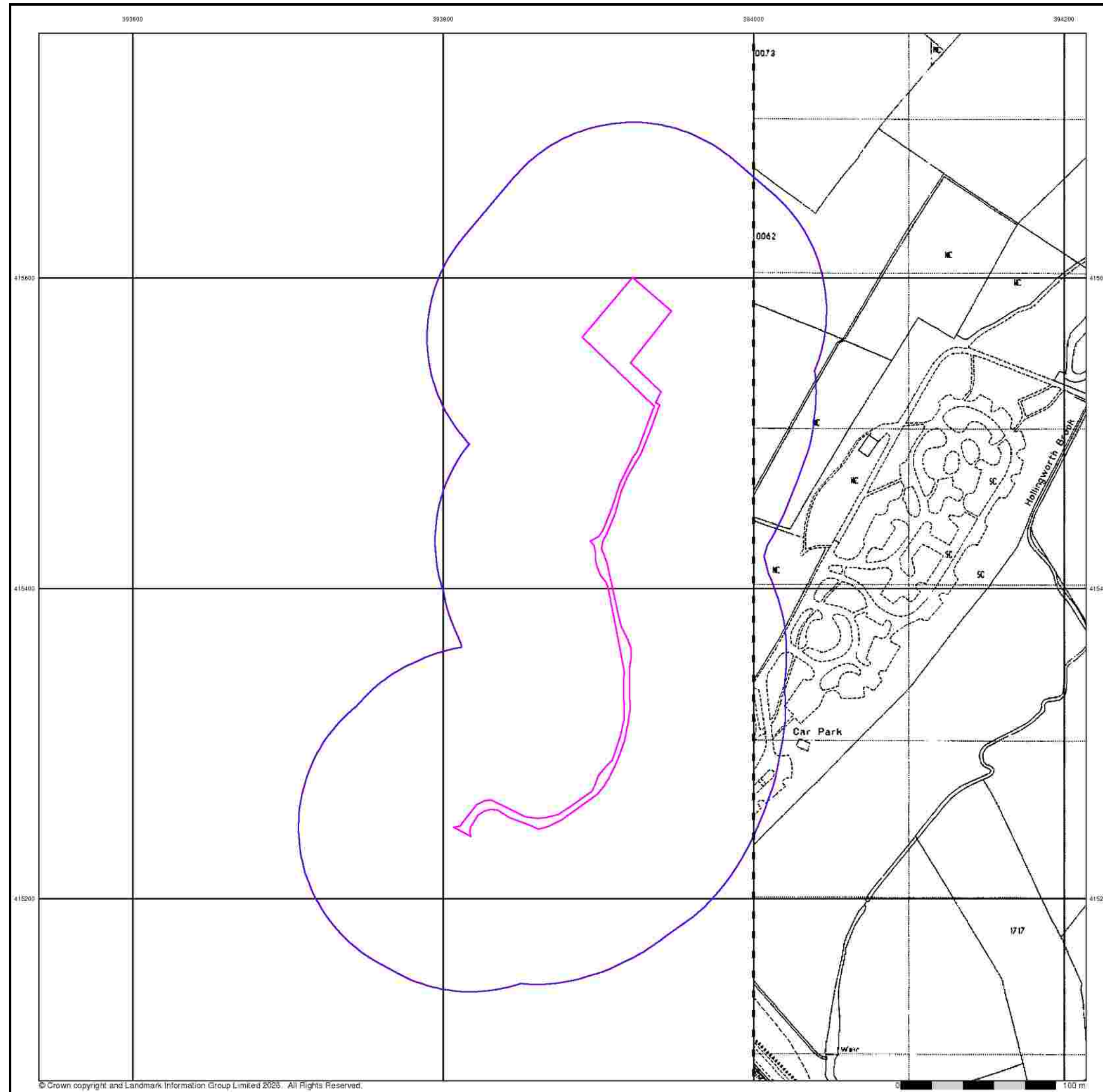
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

Site Details

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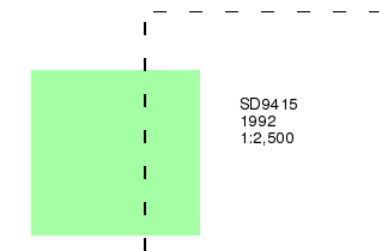
Large-Scale National Grid Data

Published 1992

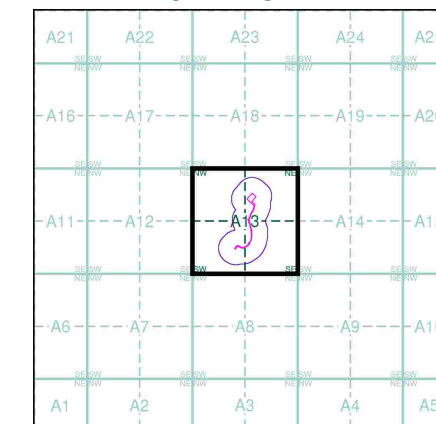
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

Site Details

Site at 393900, 415570



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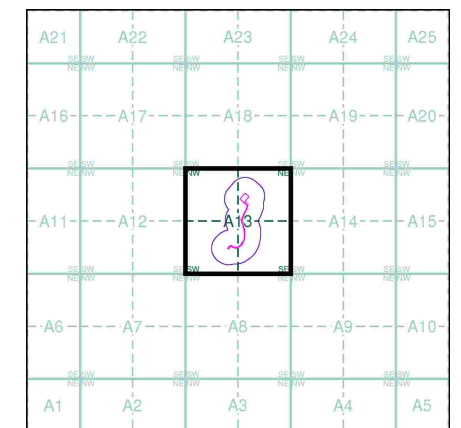
0 100 m

Historical Aerial Photography

Published 2001

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

Historical Aerial Photography - Segment A13



Order Details

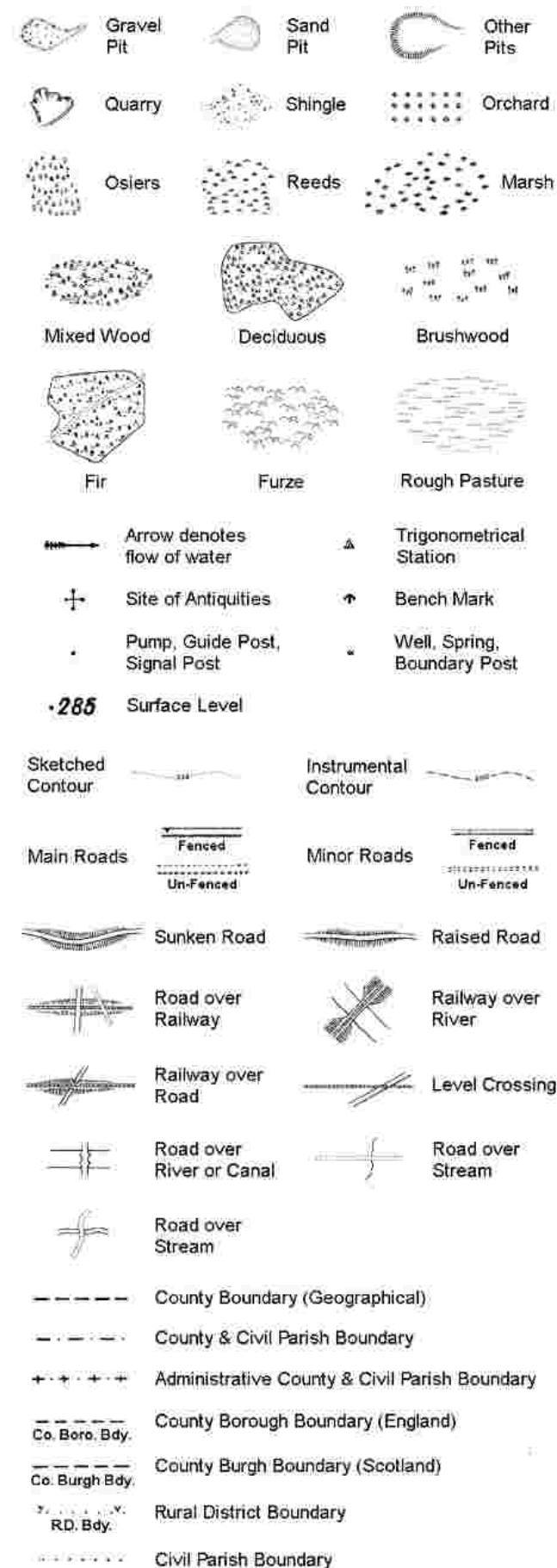
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

Site Details

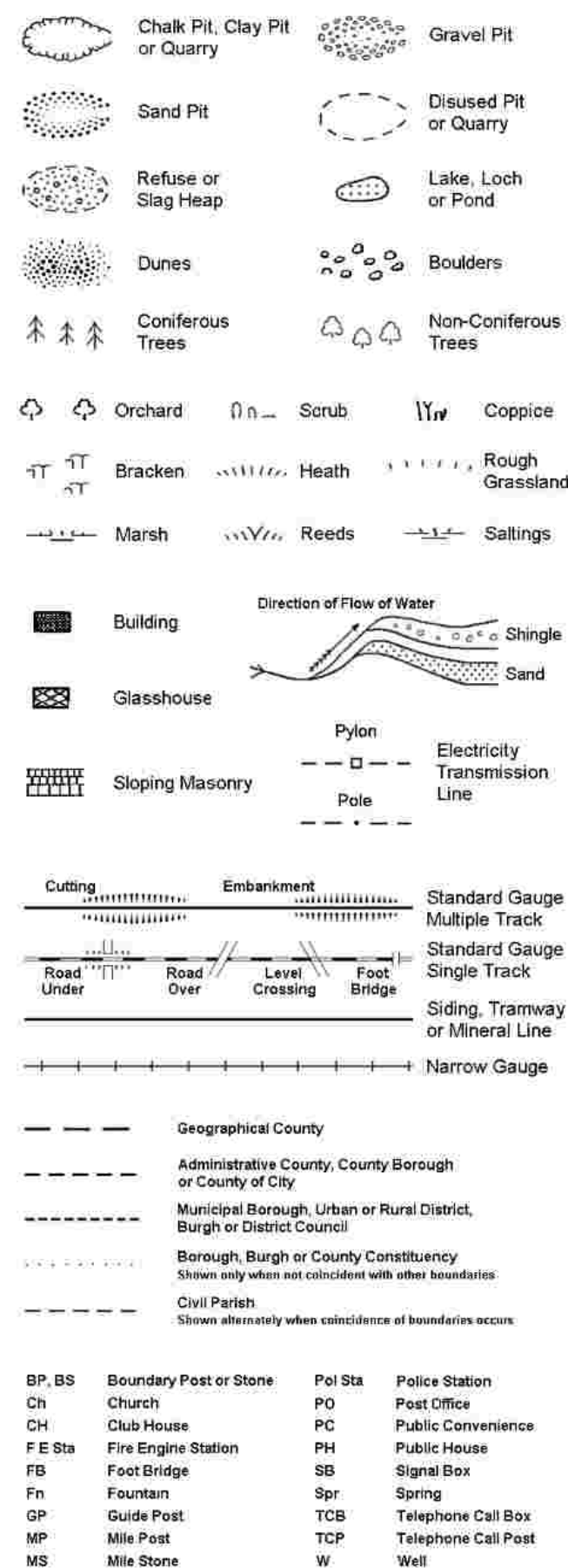
Site at 393900, 415570

Historical Mapping Legends

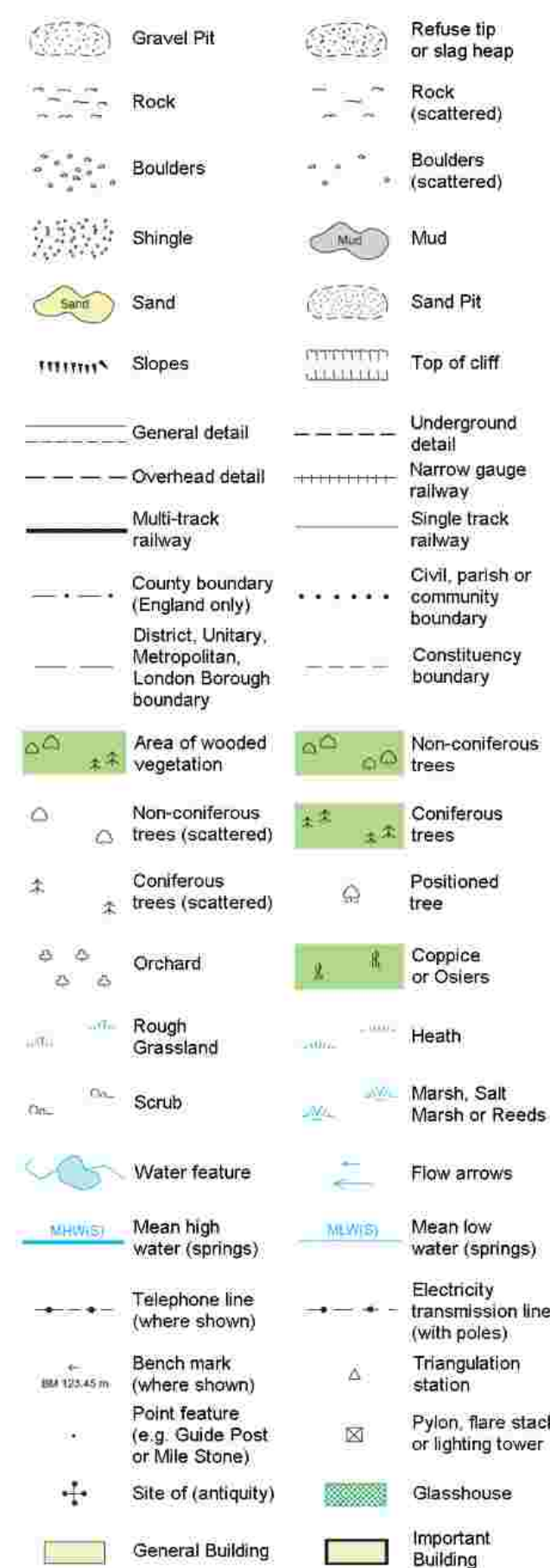
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



1:10,000 Raster Mapping



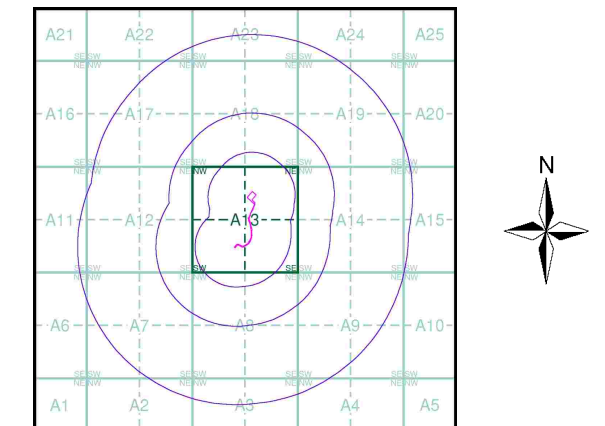
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1851	3
Yorkshire	1:10,560	1854	4
Lancashire And Furness	1:10,560	1894 - 1895	5
Yorkshire	1:10,560	1894 - 1895	6
Yorkshire	1:10,560	1910 - 1911	7
Lancashire And Furness	1:10,560	1910 - 1911	8
Yorkshire	1:10,560	1910 - 1911	9
Lancashire And Furness	1:10,560	1930 - 1932	10
Lancashire And Furness	1:10,560	1938	11
Ordnance Survey Plan	1:10,000	1956	12
Ordnance Survey Plan	1:10,000	1967 - 1968	13
Ordnance Survey Plan	1:10,000	1972 - 1979	14
Manchester	1:25,000	1975	15
Ordnance Survey Plan	1:10,000	1980 - 1981	16
Ordnance Survey Plan	1:10,000	1990	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2025	20

Historical Map - Slice A



Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

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Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Fireproof Building Prominent Fireproof Building

Non-fireproof Building Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale Hydroelectric Power Station

Radio Station, drawn to scale Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry Open-pit Salt Mine

Pit Oil Deposit or Well Oil Seepage

Tailings Pile Fuel Storage Tanks Natural Gas Tank

Bench Mark Drill Hole Burial Mound Triangulation Point on Burial Mound

Single-track Railroad Double-track Railroad and Station Building

Coniferous Forest Deciduous Forest Mixed Forest

Lawns Citrus Orchard Wet Ground Scattered Vegetation

243.8 Values for prominent elevations

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

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

182 12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Partly Demolished Buildings Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building Prominent Industrial Building

Individual Dwelling, Fireproof Ruins of an Individual Dwelling

Factory or Mill Chimney Factory or Mill with Chimney Factory or Mill without Chimney Mine or Open Pit Mine

Operating Shaft or Mine Non-Operating Shaft or Mine Salt Mine Tailings Pile

Pit Stone Quarry Gas Pump or Service Station Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick Small Hydroelectric Power Station Power Station Transformer Station

Cemetery Burial Mound (height in metres) Triangulation Point on Burial Mound Triangulation Point

Bench Mark Bench Mark (monumented) Telegraph Office Telephone Station

Radio Station Radio Tower Airfield or Seaplane Base Landing Strip

Single-track Railroad Double-track Railroad Dismantled Railroad

Double-track Railroad with First Class Station Railroad Under Construction

Shore Embankment River or Ditch with Embankment Direction and velocity of current Water Gauge Water Level Mark

Well Water Reservoir or Rain Water Pit Spring Isobath with value

Heavy (Index) Contour Line Contour Line and Value Half Contour Line Spot Elevation Value

Coniferous Deciduous Mixed Scrub

Key to Numbers on Mapping

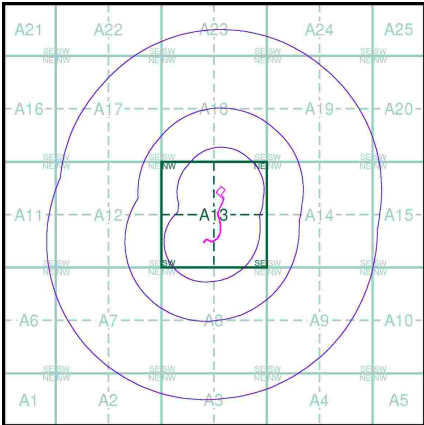
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1851	3
Yorkshire	1:10,560	1854	4
Lancashire And Furness	1:10,560	1894 - 1895	5
Yorkshire	1:10,560	1894 - 1895	6
Yorkshire	1:10,560	1910 - 1911	7
Lancashire And Furness	1:10,560	1910 - 1911	8
Yorkshire	1:10,560	1910 - 1911	9
Lancashire And Furness	1:10,560	1930 - 1932	10
Lancashire And Furness	1:10,560	1938	11
Ordnance Survey Plan	1:10,000	1956	12
Ordnance Survey Plan	1:10,000	1967 - 1968	13
Ordnance Survey Plan	1:10,000	1972 - 1979	14
Manchester	1:25,000	1975	15
Ordnance Survey Plan	1:10,000	1980 - 1981	16
Ordnance Survey Plan	1:10,000	1990	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2025	20

Russian Map - Slice A



Order Details

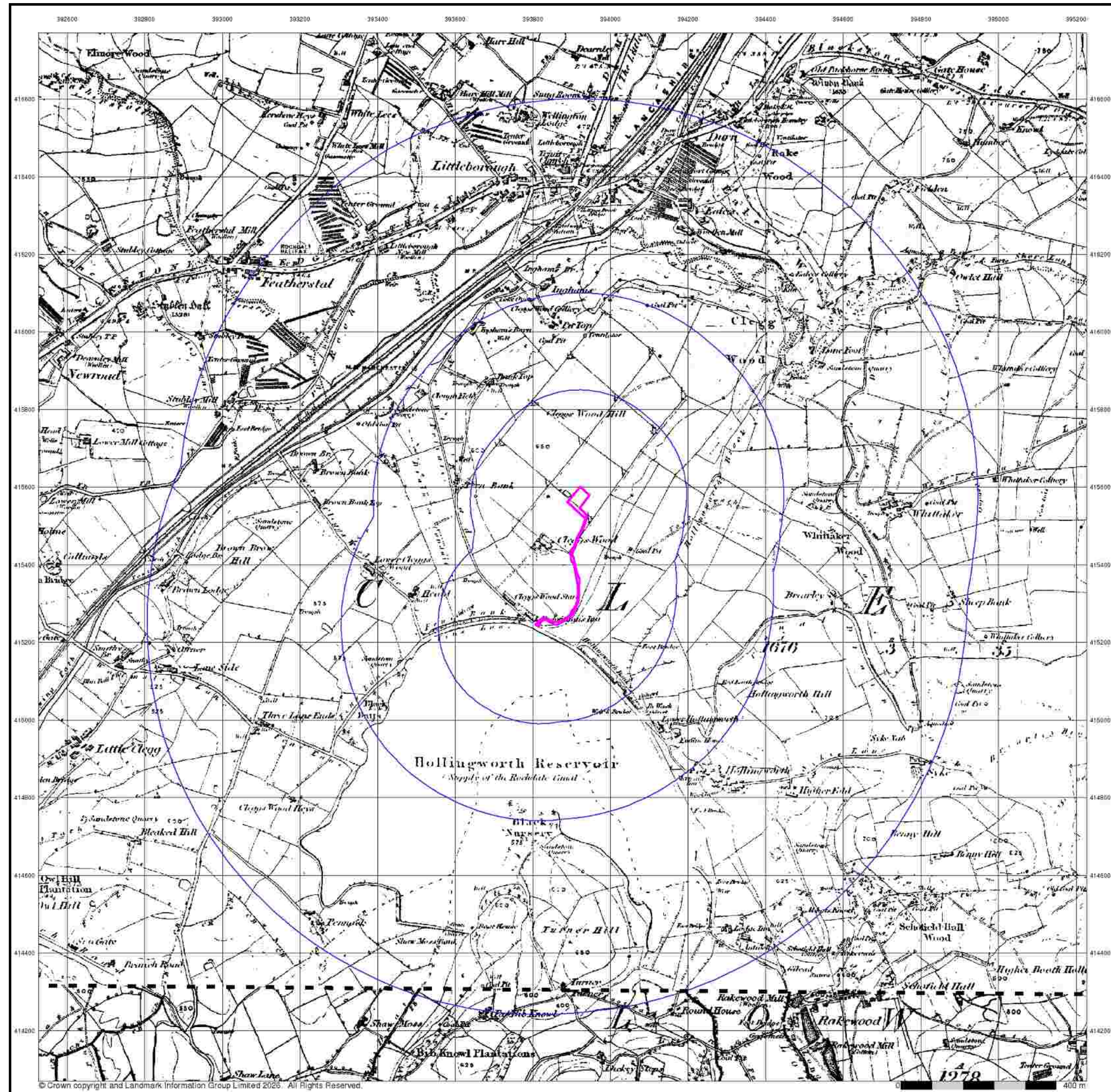
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570

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Lancashire And Furness

Published 1851

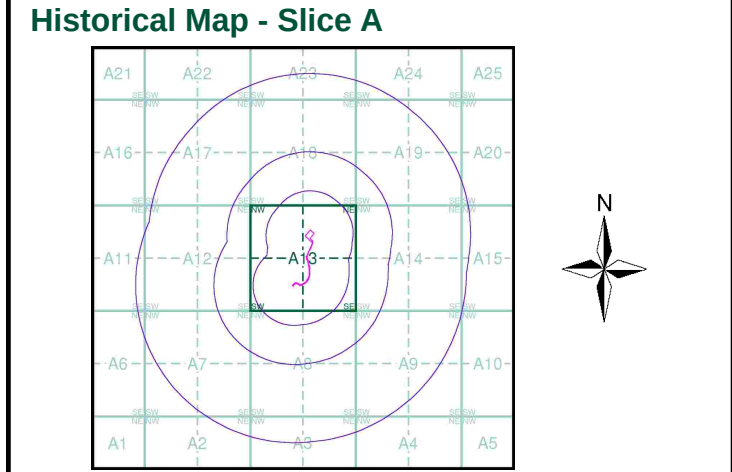
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

08100
1851
1:10,560

08900
1851
1:10,560

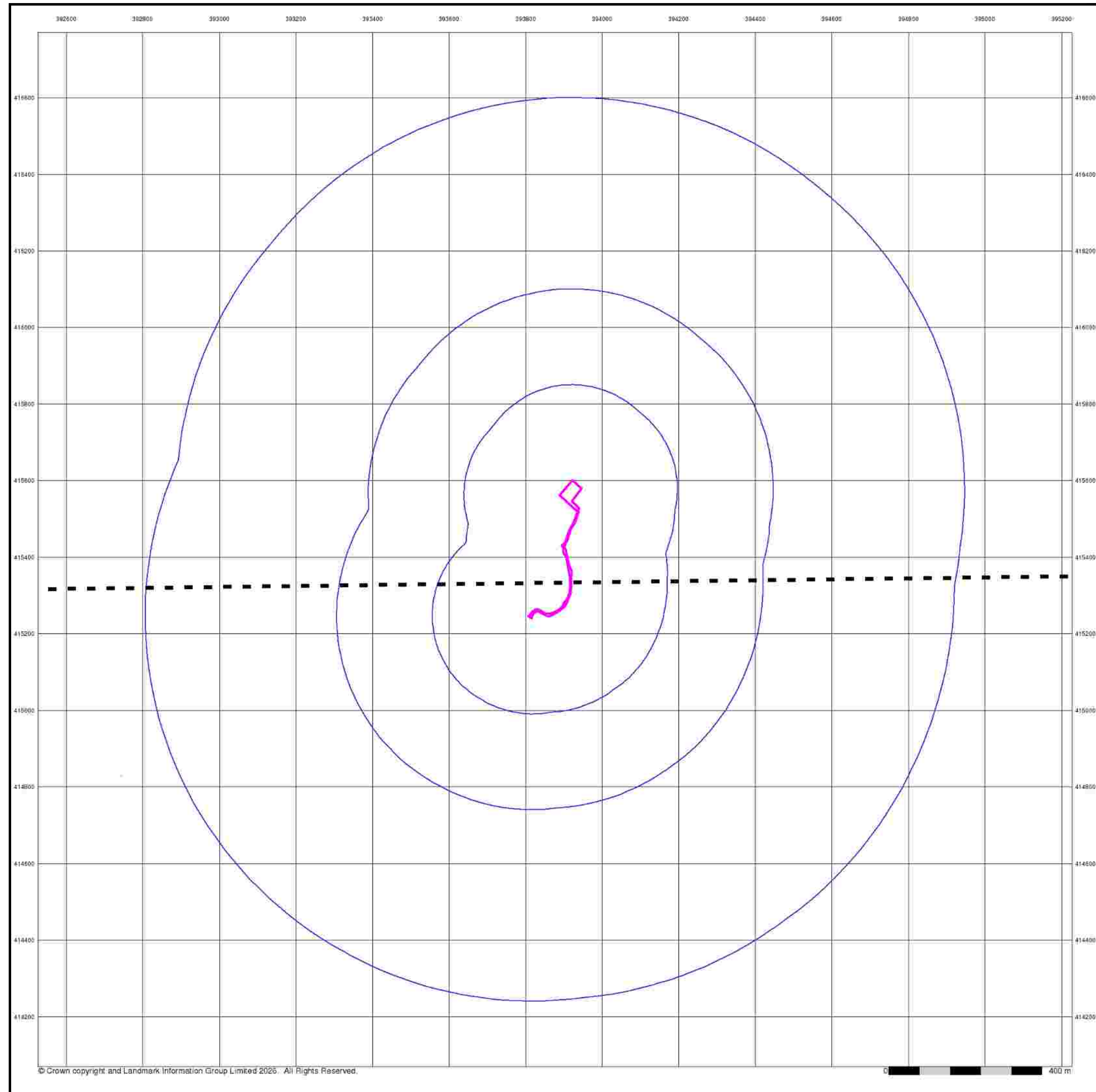


Order Details

Order Number:	397350753_1_1
Customer Ref:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details

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Yorkshire

Published 1854

Source map scale - 1:10,560

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Map Name(s) and Date(s)

24400
1854
1:10,560

25800
1854
1:10,560

Historical Map - Slice A

N

Order Details

Order Number:

397350753_1_1

Customer Ref:

4539

National Grid Reference:

393880, 415410

Slice:

A

Site Area (Ha):

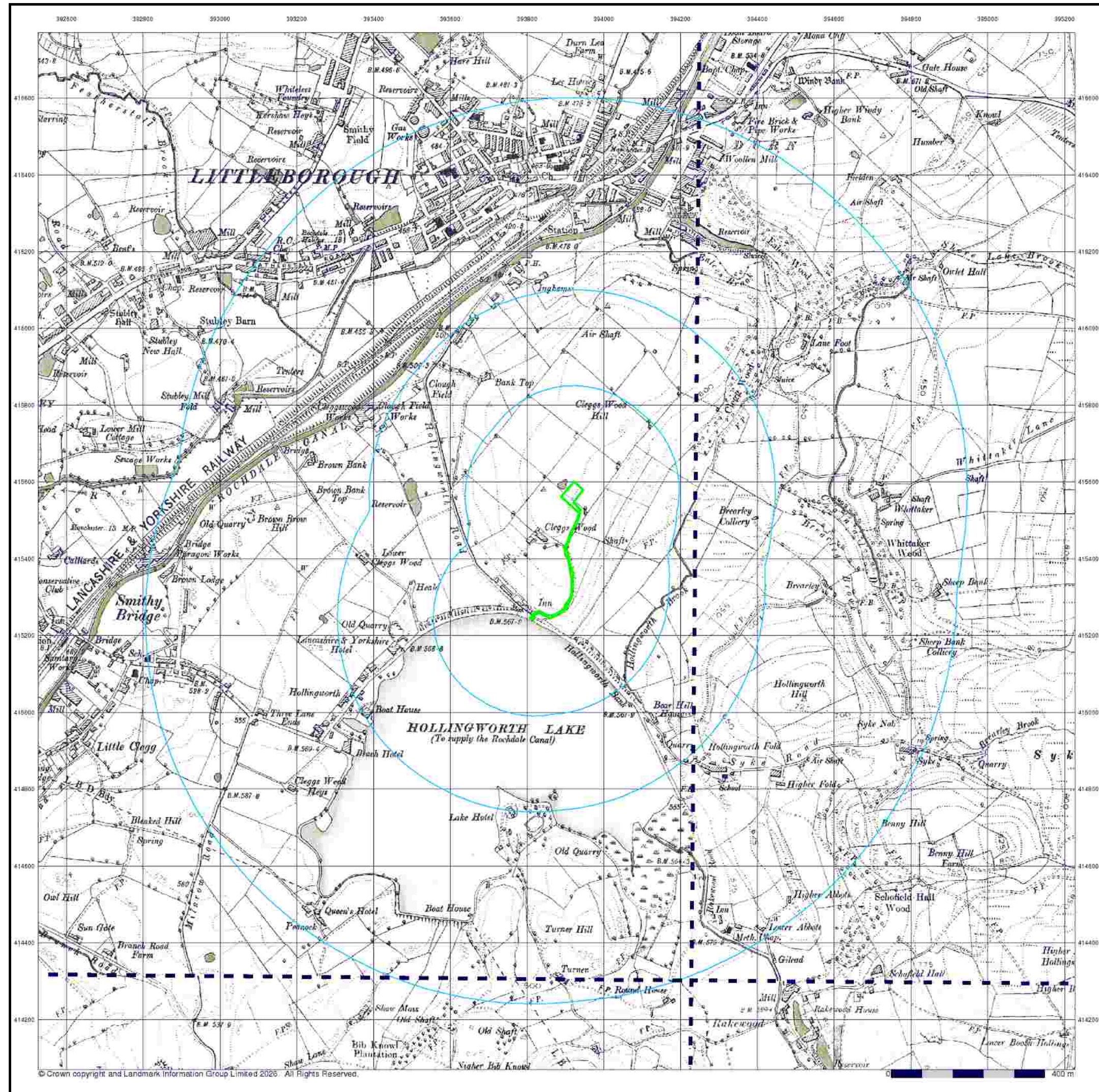
0.36

Search Buffer (m):

1000

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Lancashire And Furness

Published 1894 - 1895

Source map scale - 1:10,560

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Map Name(s) and Date(s)

081SW 1894 1:10,560	081SE 1895 1:10,560
089NW 1894 1:10,560	089NE 1895 1:10,560

Historical Map - Slice A

Order Details

Order Number:	397350753_1_1
Customer Ref:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details

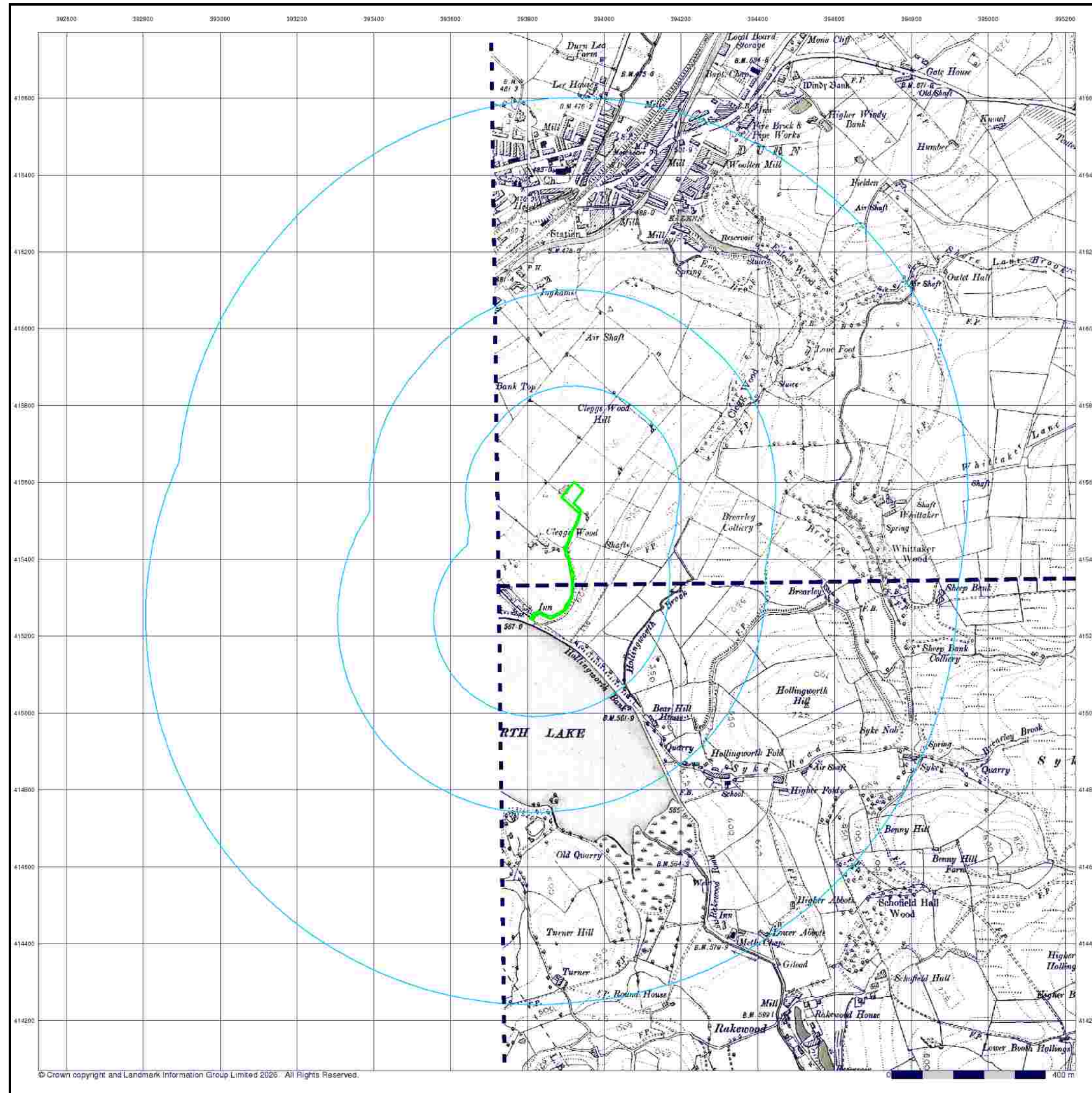
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Yorkshire

Published 1894 - 1895

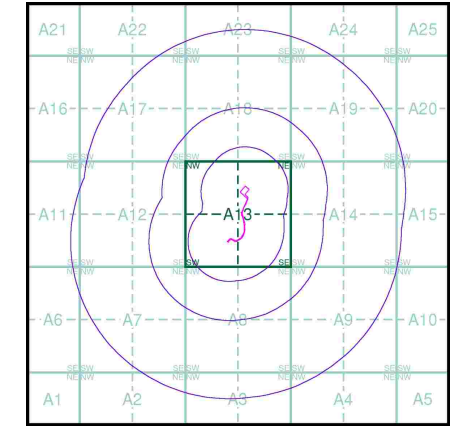
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

244SE
1894
1:10,560
258NE
1895
1:10,560

Historical Map - Slice A



Order Details

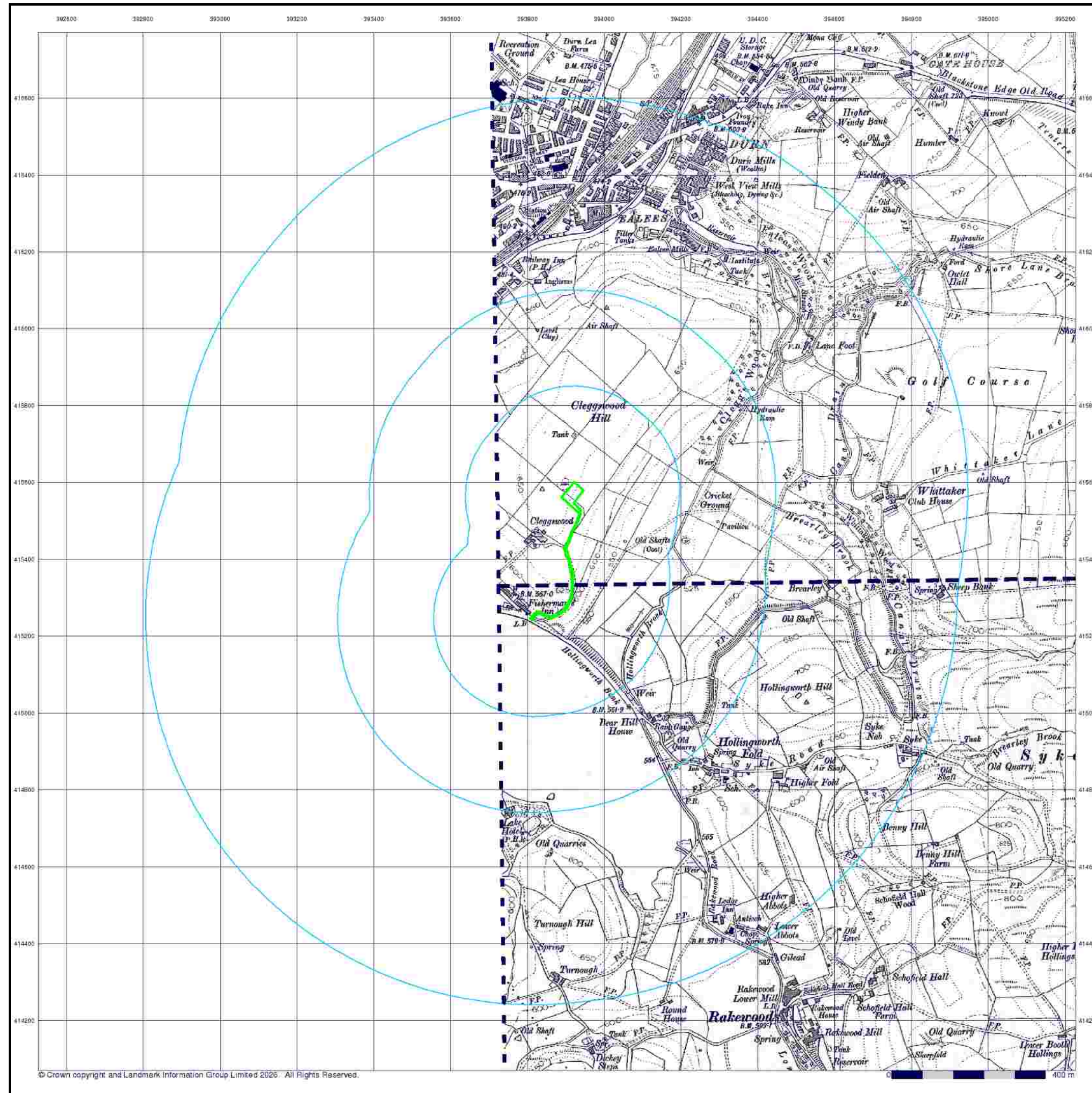
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

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Yorkshire

Published 1910 - 1911

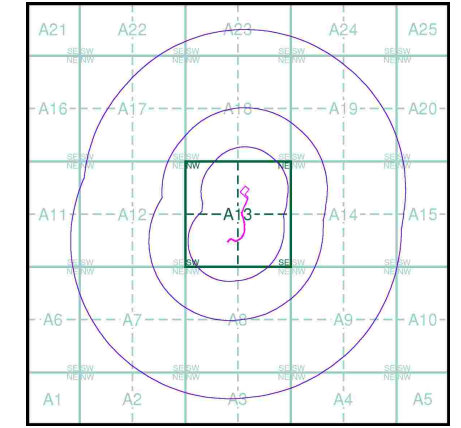
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

244SE
1911
1:10,560
258NE
1910
1:10,560

Historical Map - Slice A



Order Details

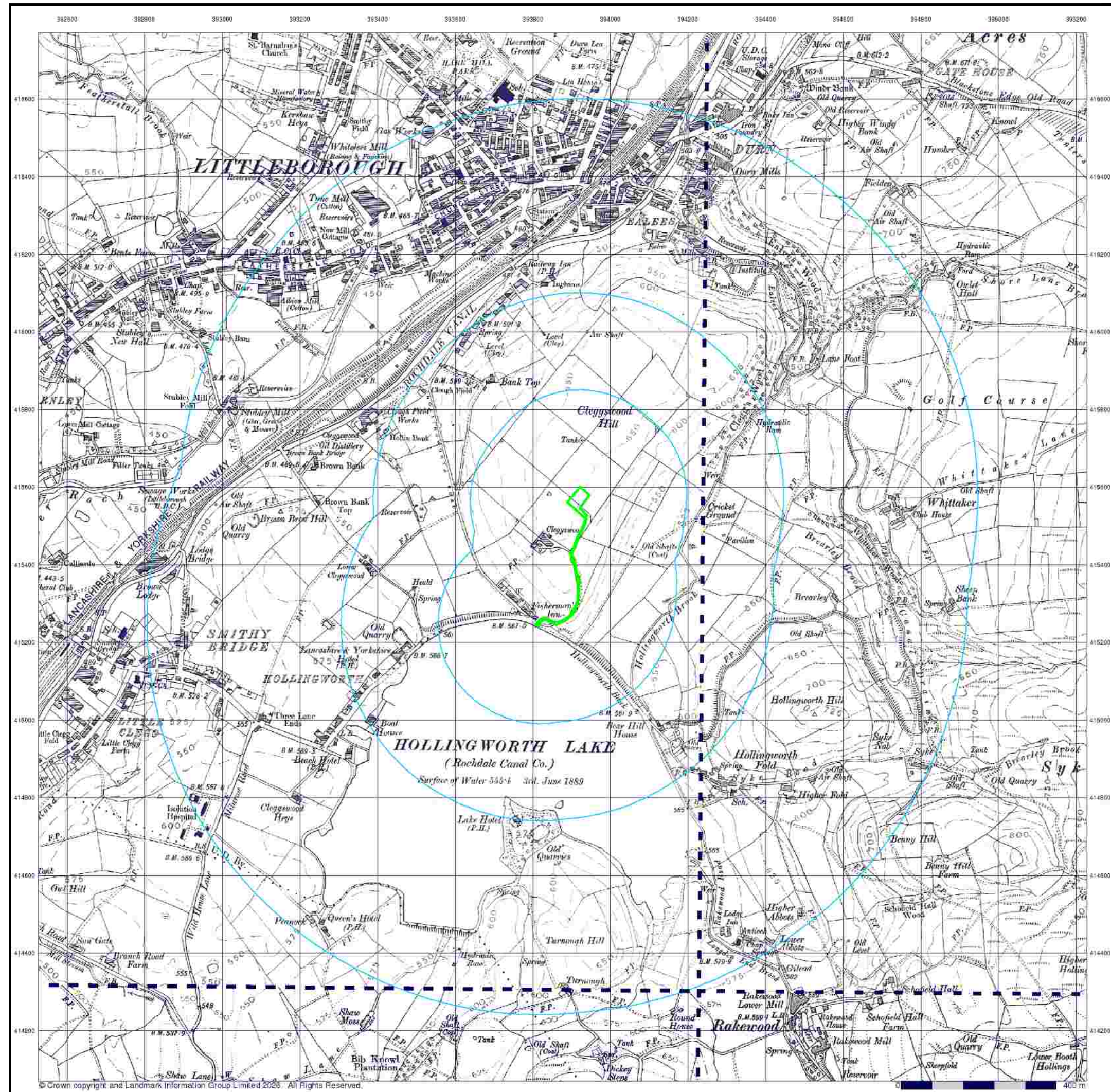
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1910 - 1911

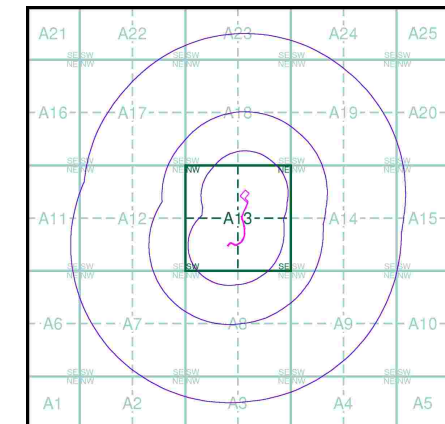
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

081SW 1911 1:10,560	081SE 1910 1:10,560
089NW 1910 1:10,560	089NE 1910 1:10,560

Historical Map - Slice A



Order Details

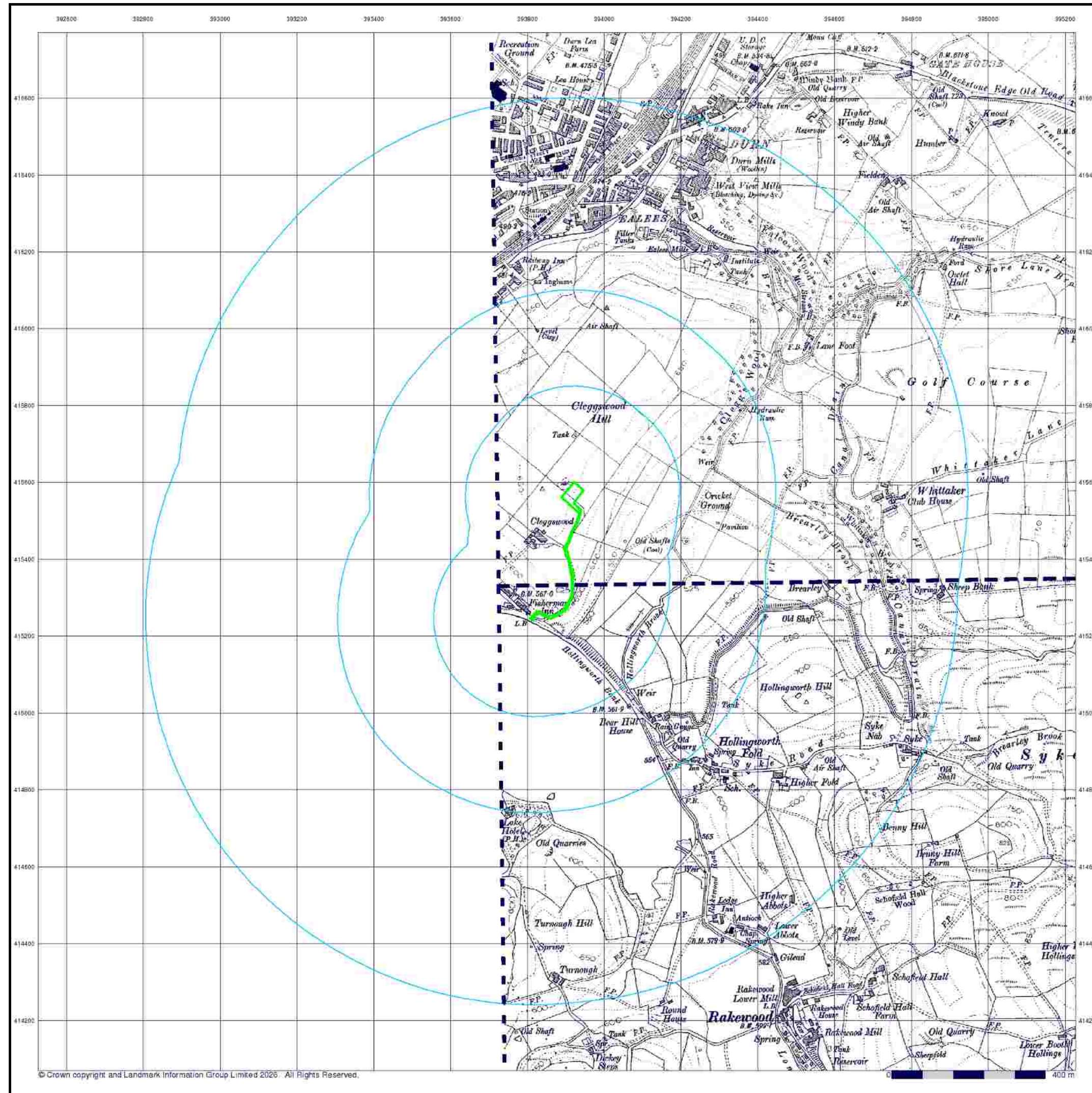
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

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Yorkshire

Published 1910 - 1911

Source map scale - 1:10,560

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

Map Name(s) and Date(s)

244SE	1911	1:10,560
258NE	1910	1:10,560

Historical Map - Slice A

Order Details

Order Number:	397350753_1_1
Customer Ref:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details

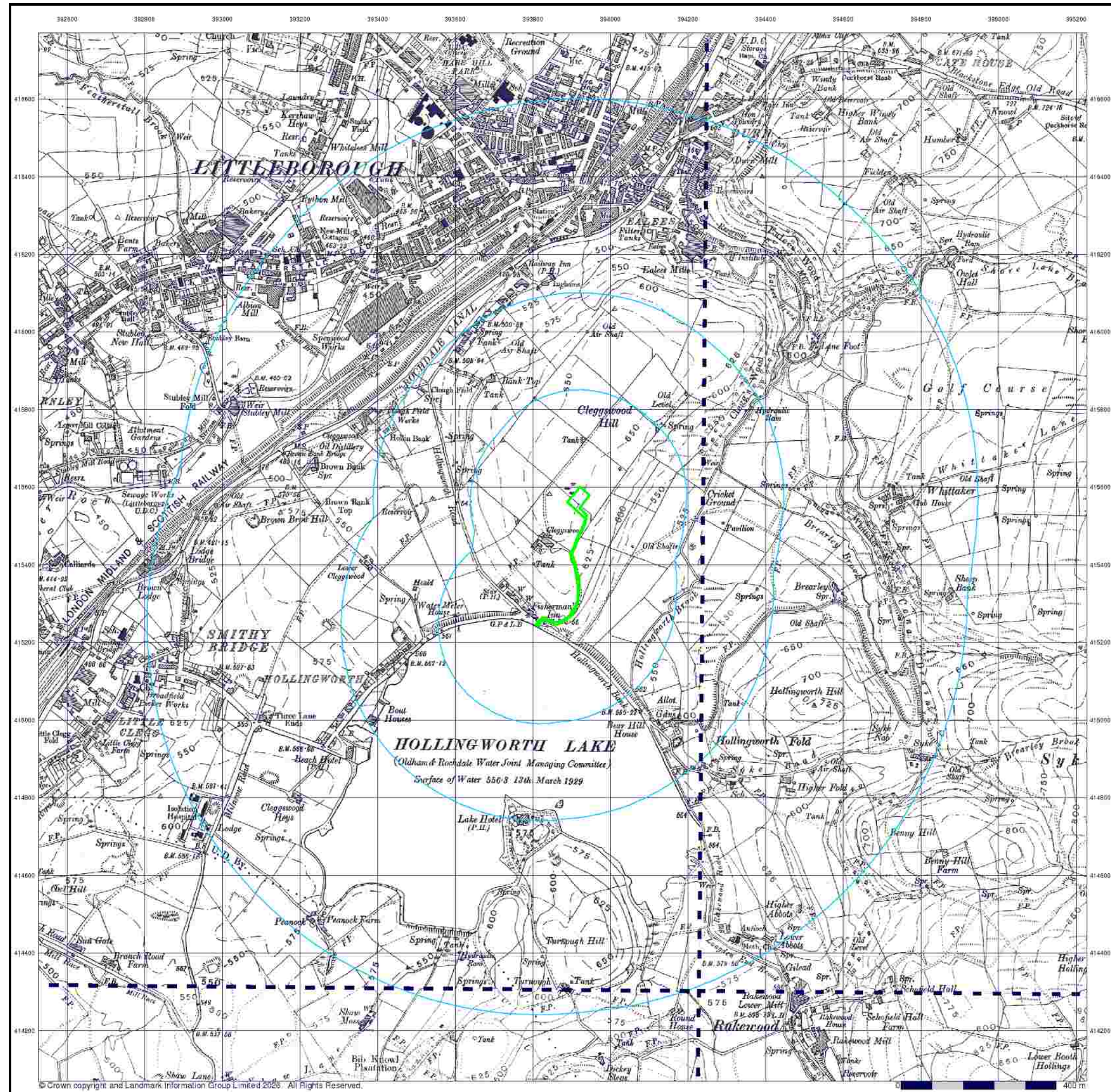
Site at 393900, 415570

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Lancashire And Furness

Published 1930 - 1932

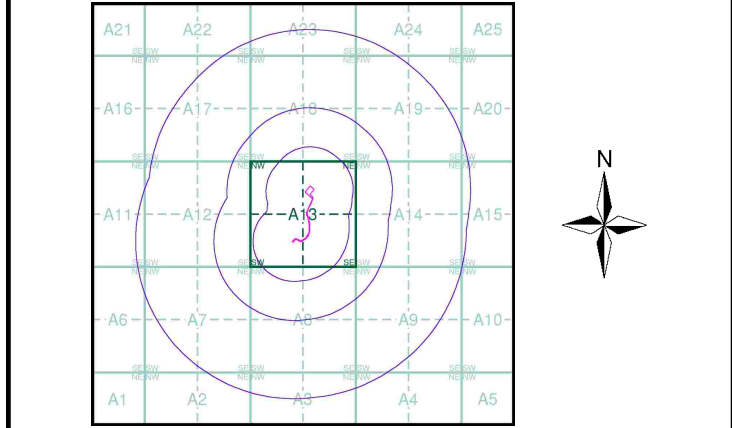
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

081SW 1932 1:10,560	081SE 1930 1:10,560
089NW 1931 1:10,560	089NE 1932 1:10,560

Historical Map - Slice A



Order Details

Order Number: 397350753_1_1

Customer Ref: 4539

National Grid Reference: 393880, 415410

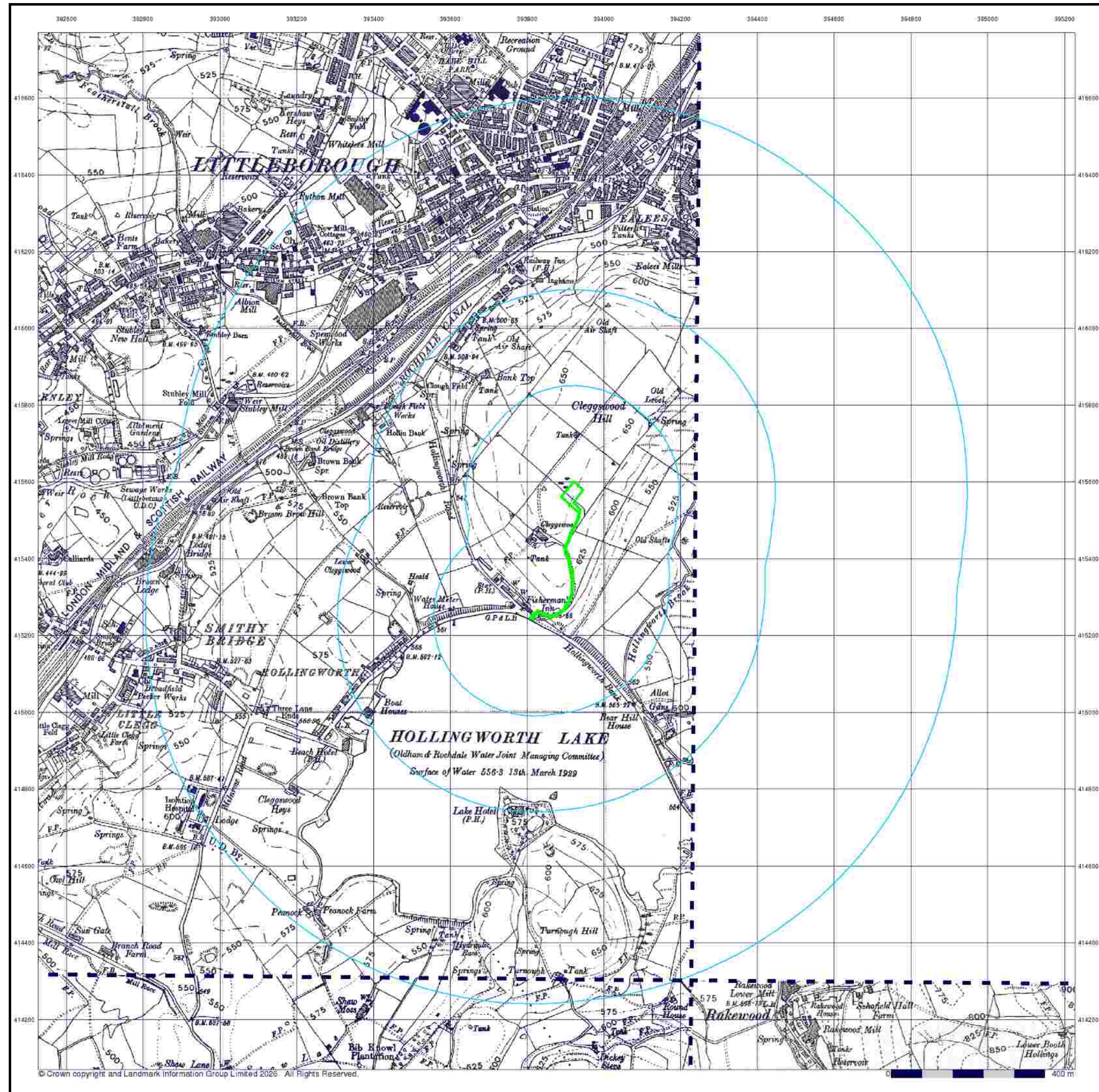
Slice: A

Site Area (Ha): 0.36

Search Buffer (m): 1000

Site Details

Site at 393900, 415570



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Lancashire And Furness

Published 1938

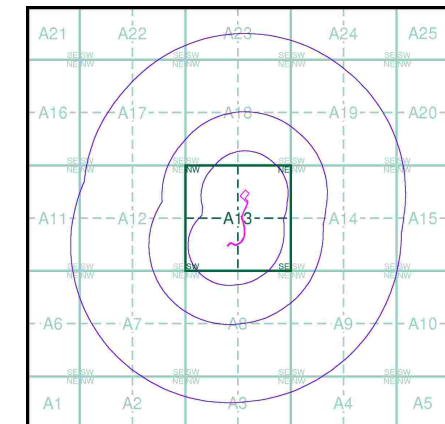
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

081SW 1938 1:10,560	089NW 1938 1:10,560	089NE 1938 1:10,560
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Historical Map - Slice A



Order Details

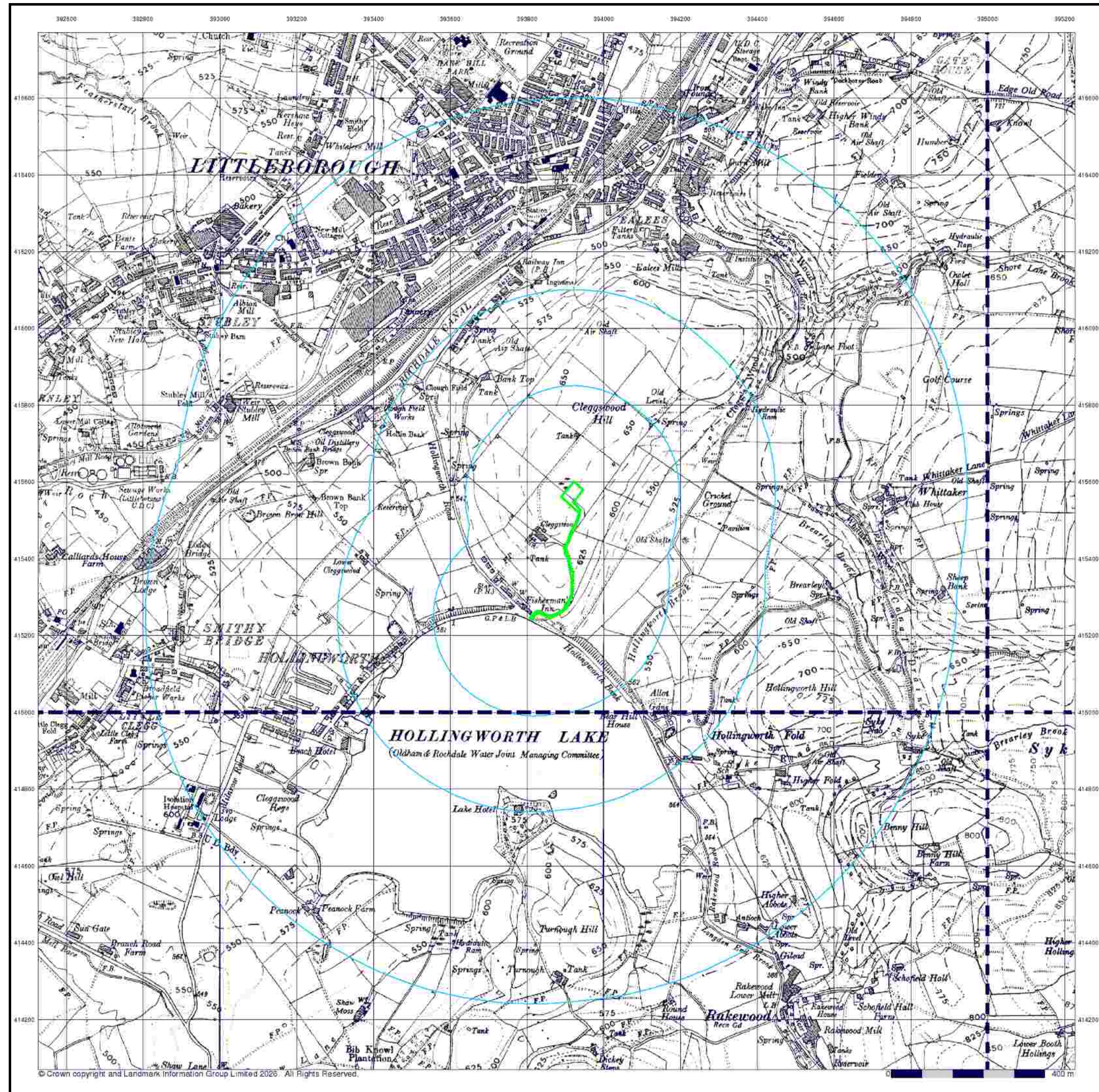
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Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1956

Source map scale - 1:10,000

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Map Name(s) and Date(s)

SD91NW	SD91NE
1956	1956
1:10,560	1:10,560
SD91SW	SD91SE
1956	1956
1:10,560	1:10,560

Historical Map - Slice A

Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

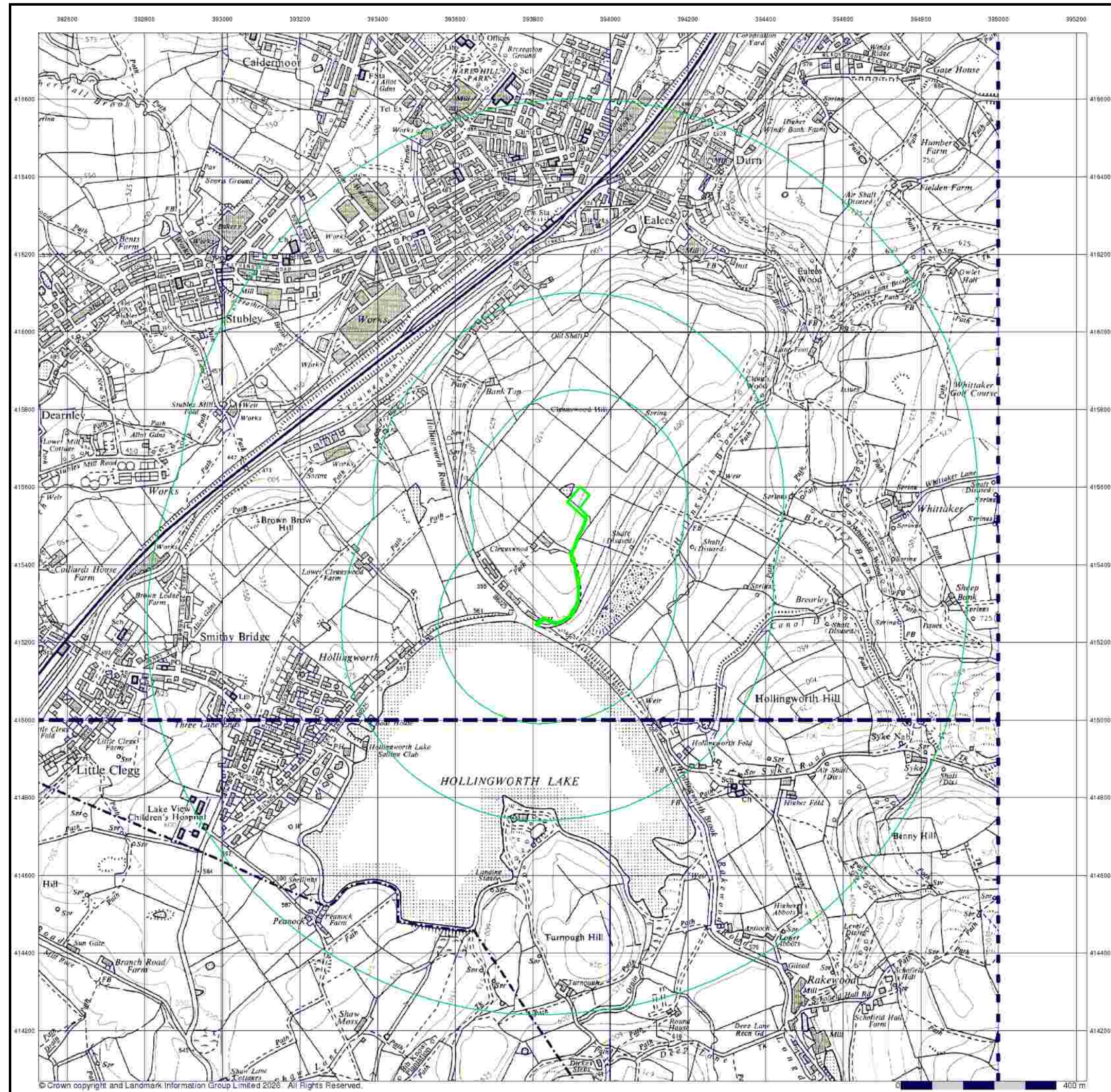
Site at 393900, 415570

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Ordnance Survey Plan

Published 1967 - 1968

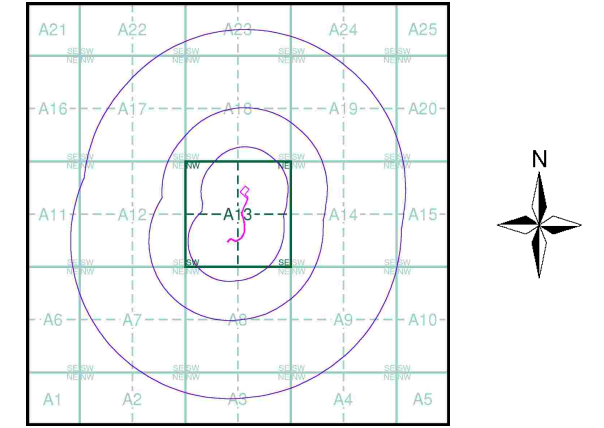
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD91NW	1968
1:10,560	
SD91SW	1967
1:10,560	

Historical Map - Slice A

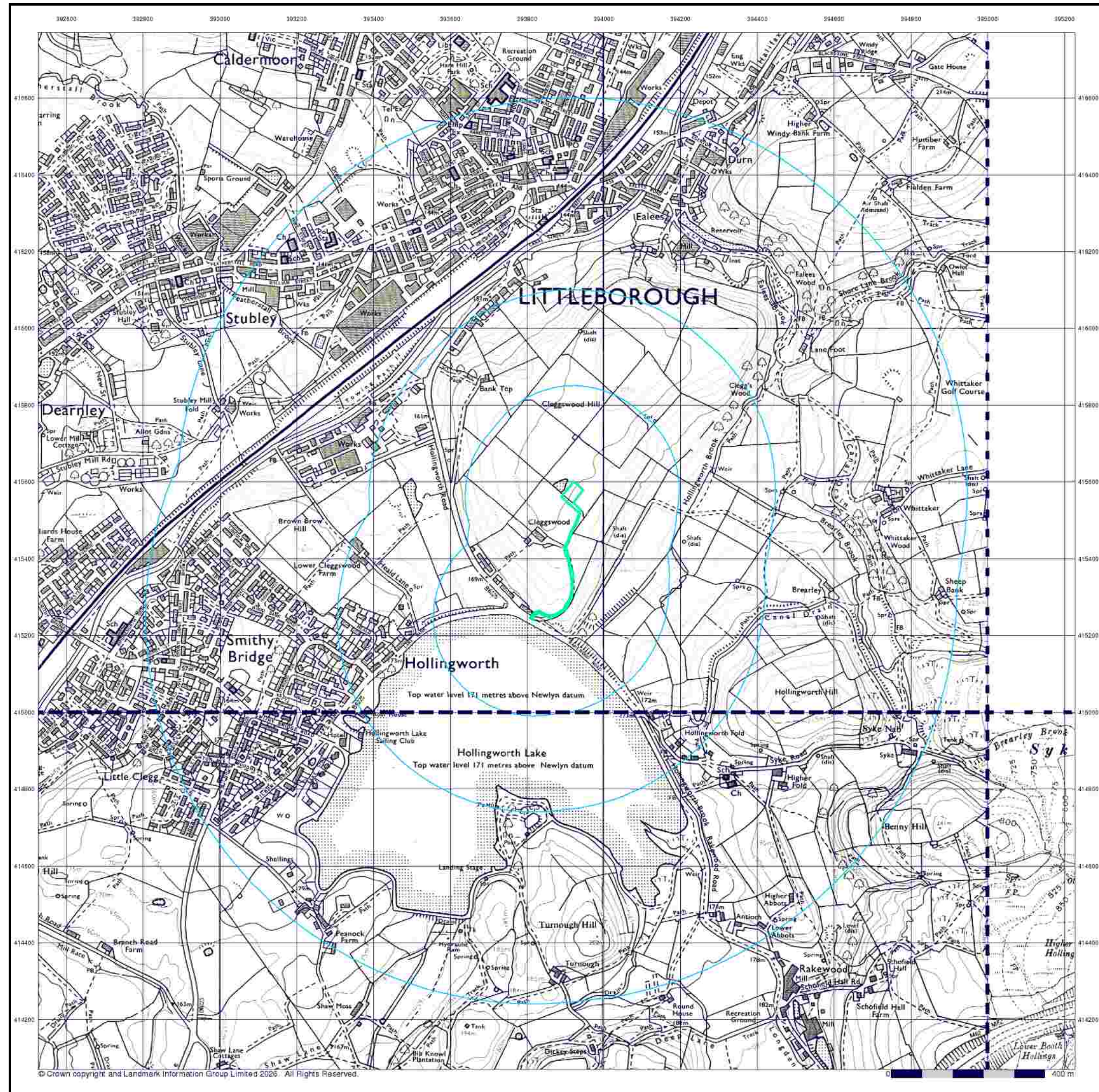


Order Details

Order Number:	397350753_1_1
Customer Ref:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1972 - 1979

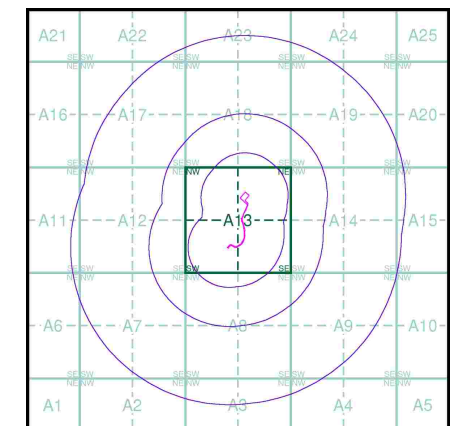
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD91NW	1978	1:10,000
SD91SW	1979	1:10,000
SD91SE	1972	1:10,560

Historical Map - Slice A



Order Details

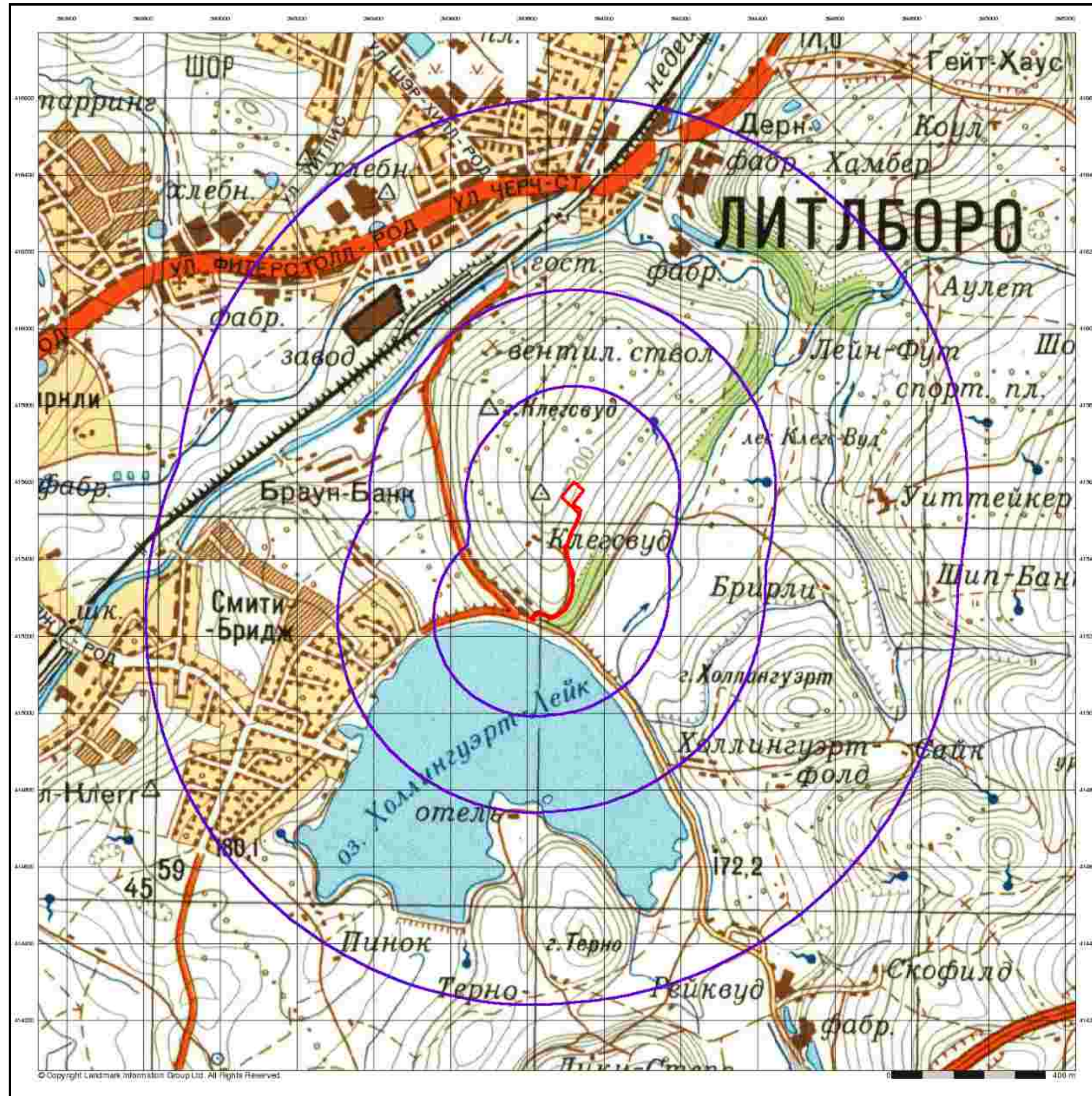
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Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

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Manchester

Published 1975

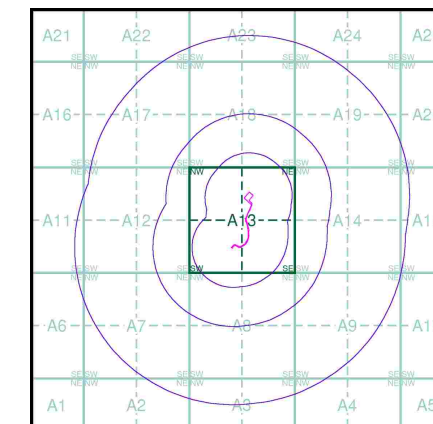
Source map scale - 1:25,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

SD91
1975
1:25,000

Russian Map - Slice A



Order Details

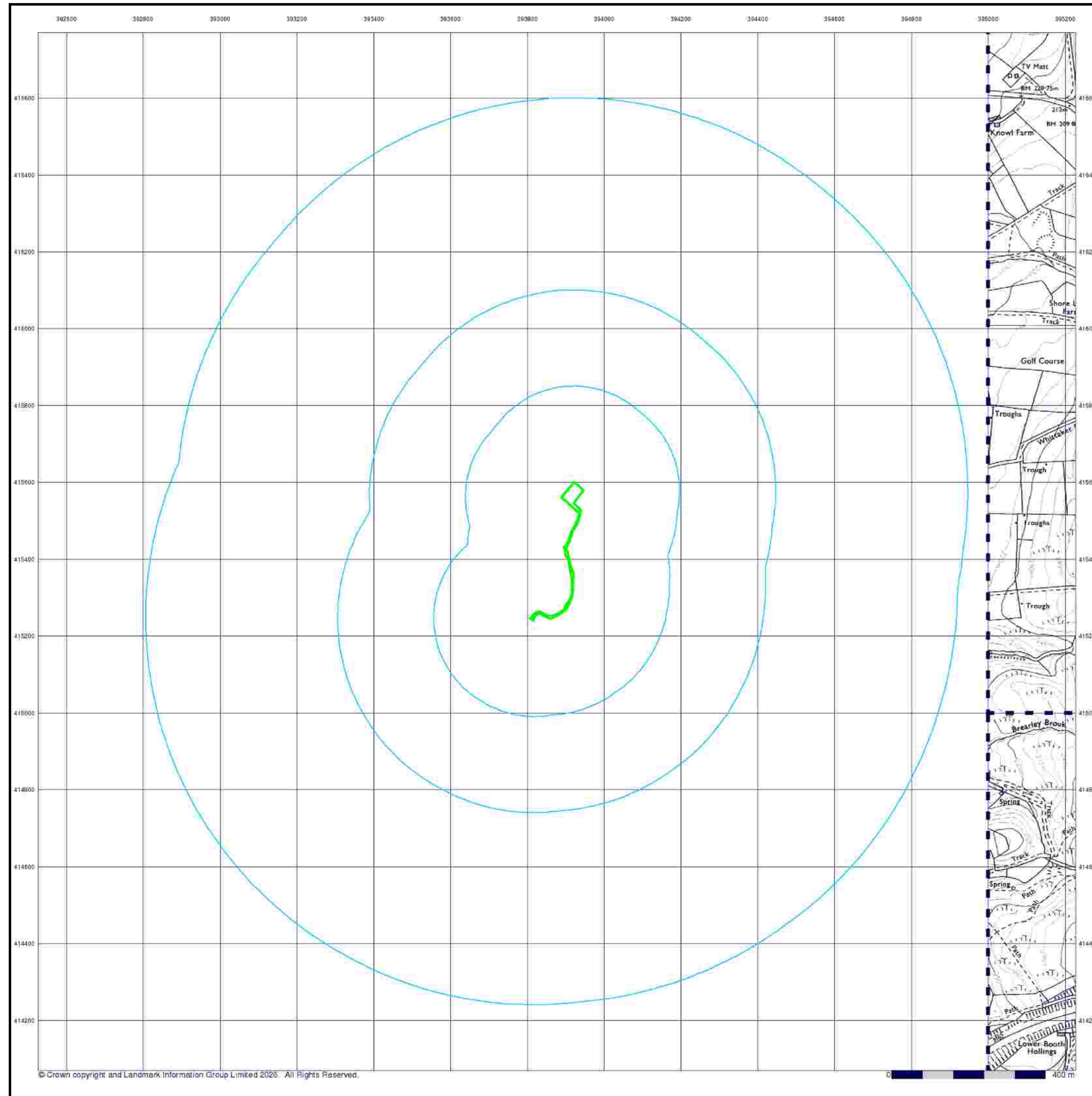
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
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Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1980 - 1981

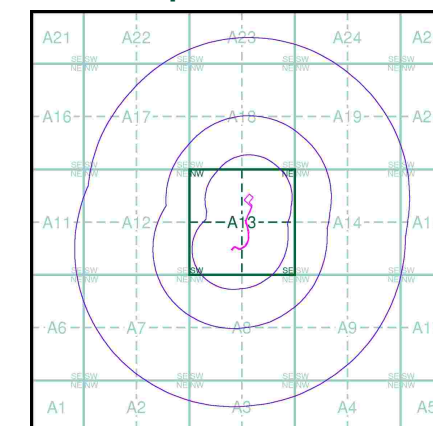
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD91NE
1980
1:10,000
SD91SE
1981
1:10,000

Historical Map - Slice A

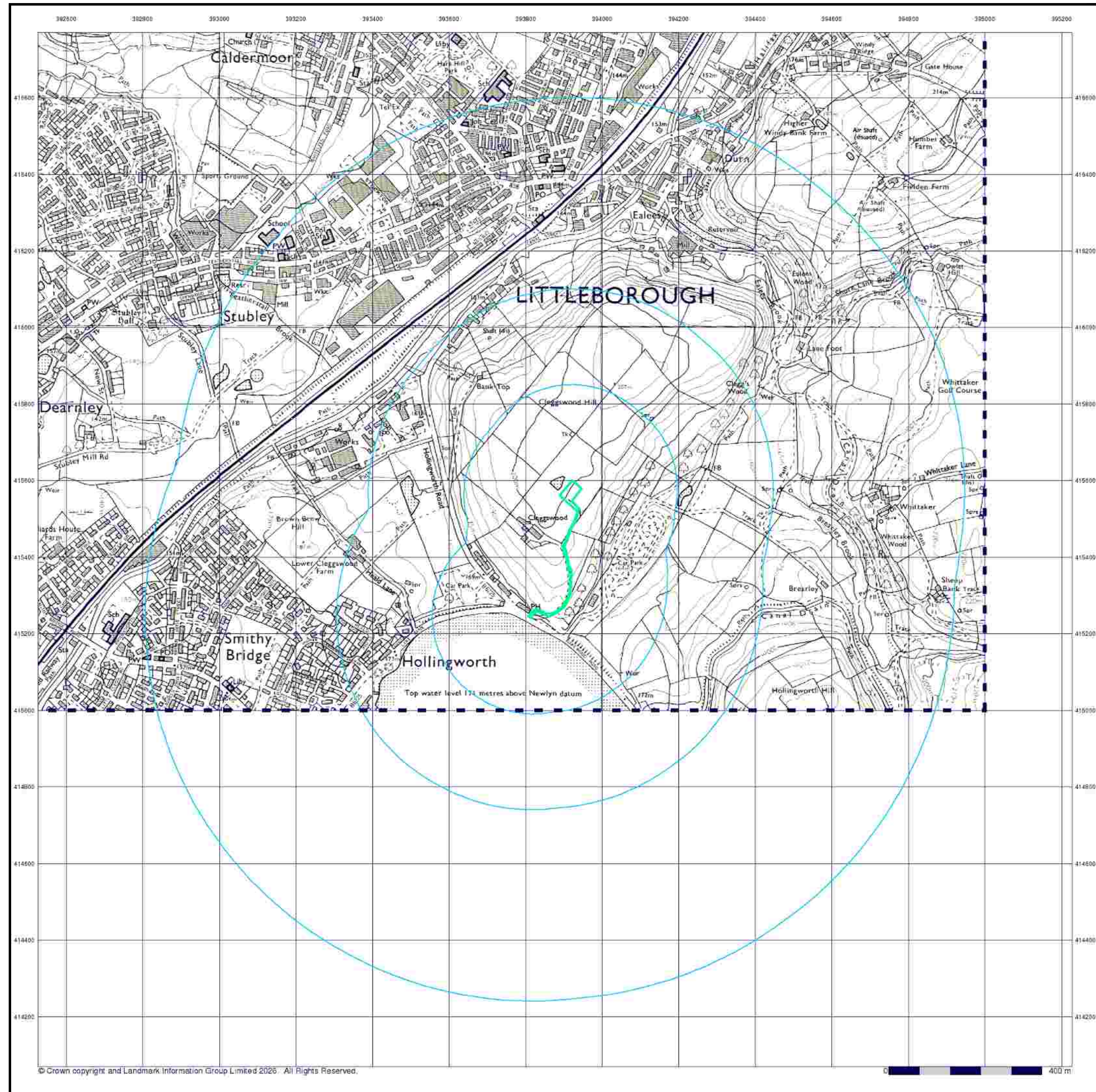


Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570



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Ordnance Survey Plan

Published 1990

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD91NW

1990

1:10,000

Historical Map - Slice A

Order Details

Order Number:	397350753_1_1
Customer Ref:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details

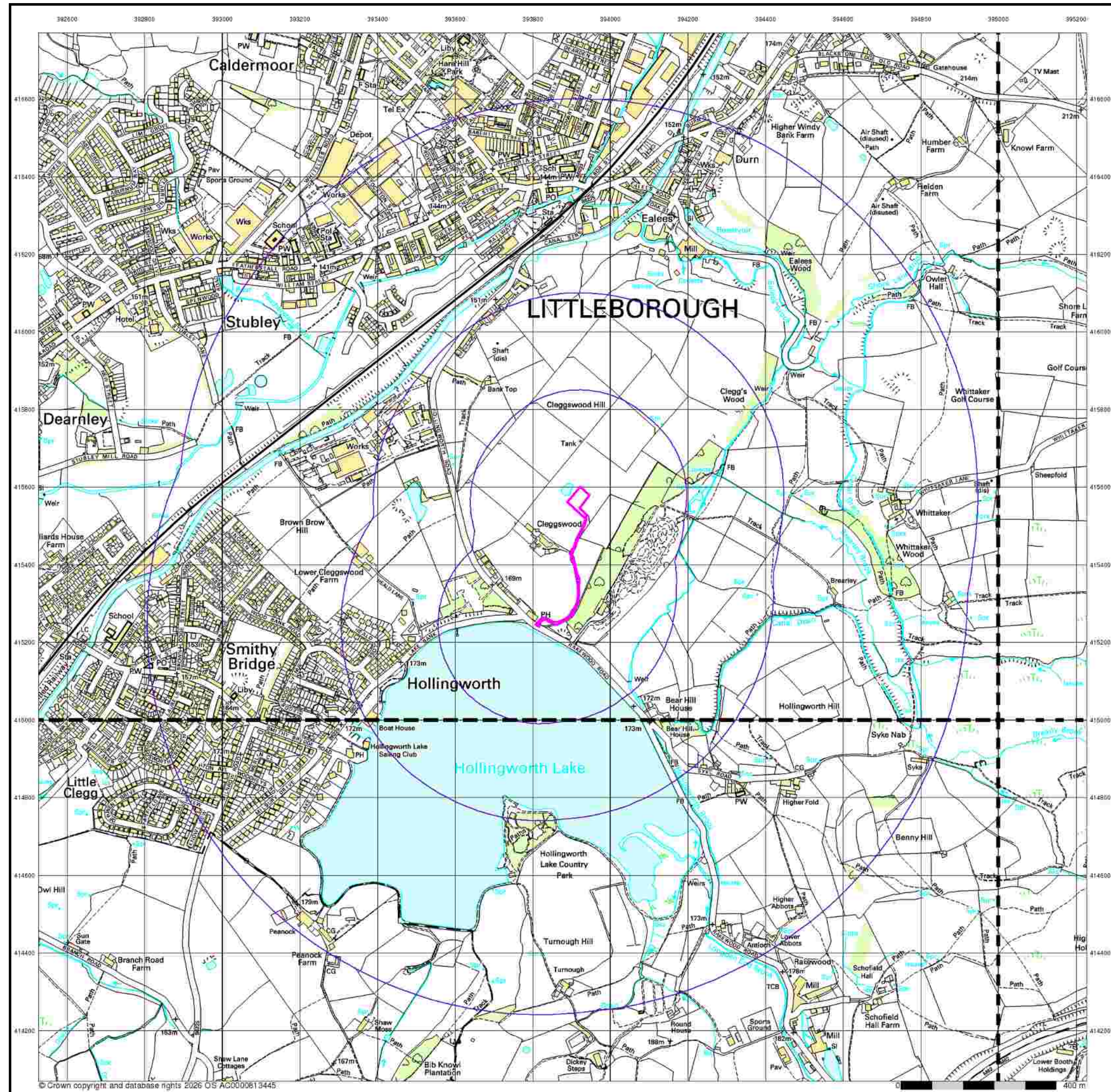
Site at 393900, 415570

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10k Raster Mapping

Published 1999

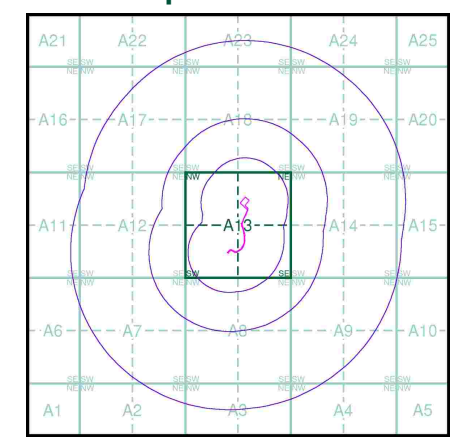
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD91NW	SD91NE
1999	1999
1:10,000	1:10,000
SD91SW	SD91SE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

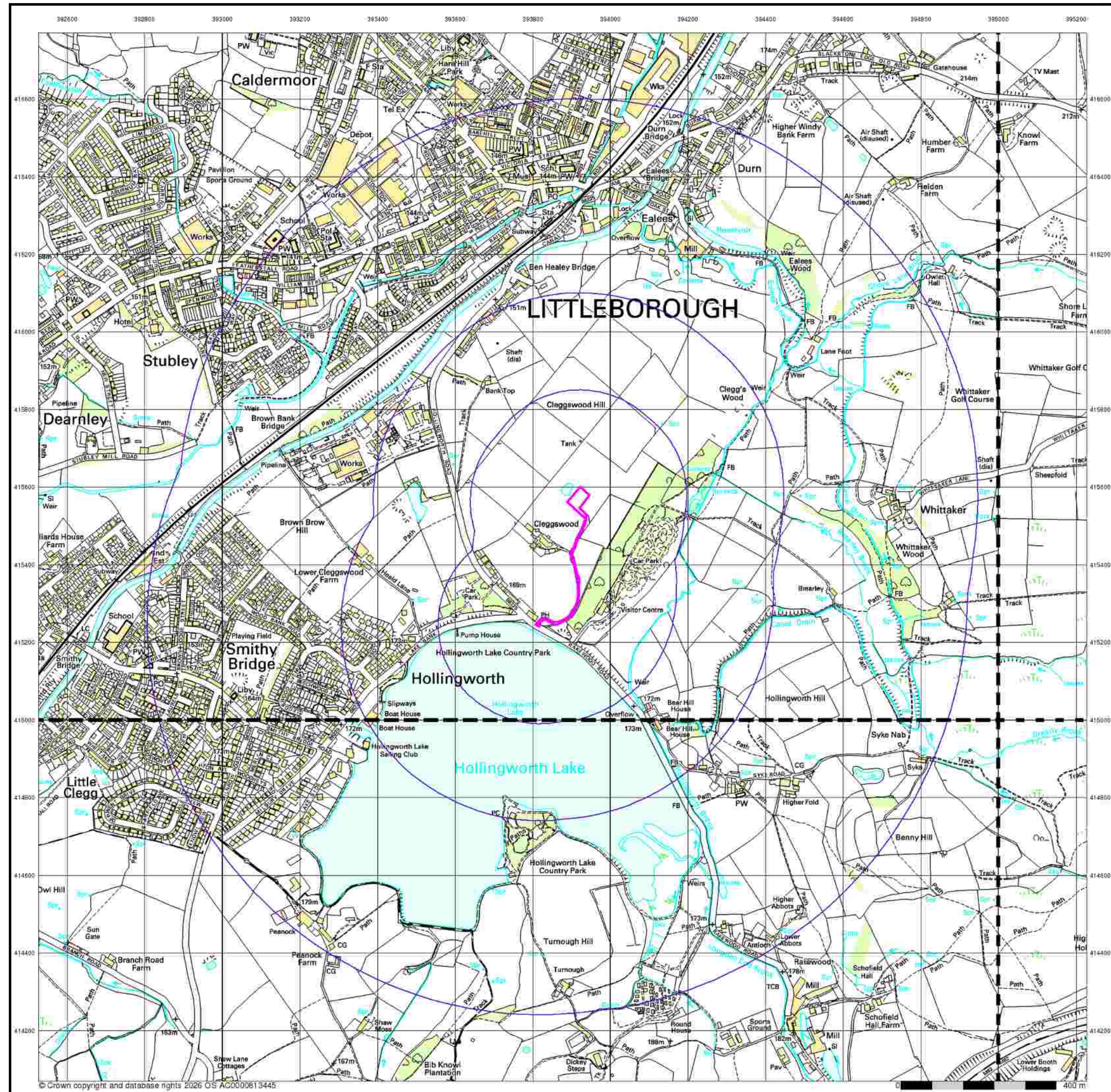
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570

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10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SD91NW	SD91NE
2006	2006
1:10,000	1:10,000
SD91SW	SD91SE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A

Order Details

Order Number:	397350753_1_1
Customer Ref:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details

Site at 393900, 415570

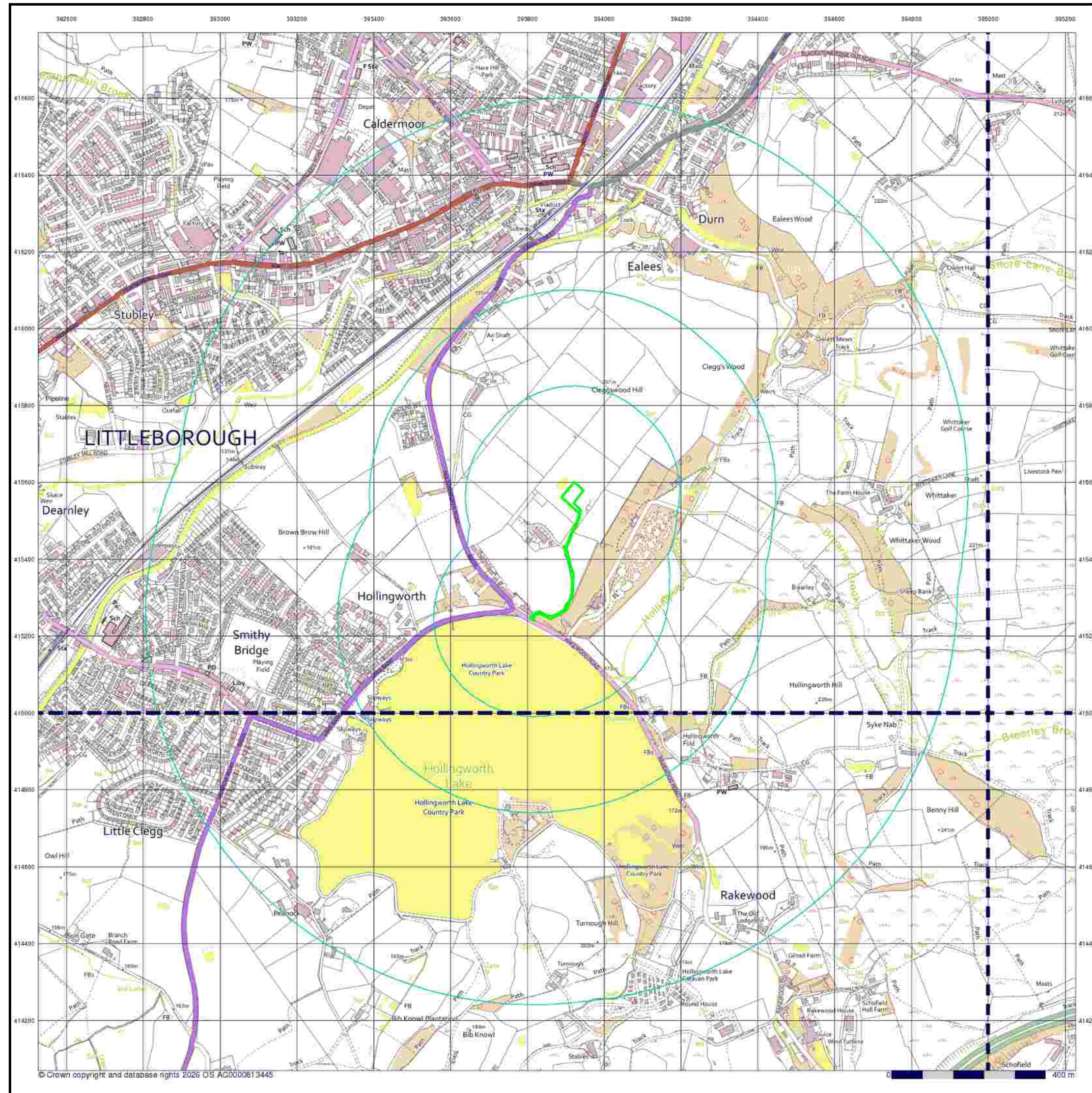
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VectorMap Local

Published 2025

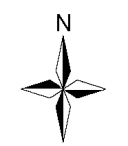
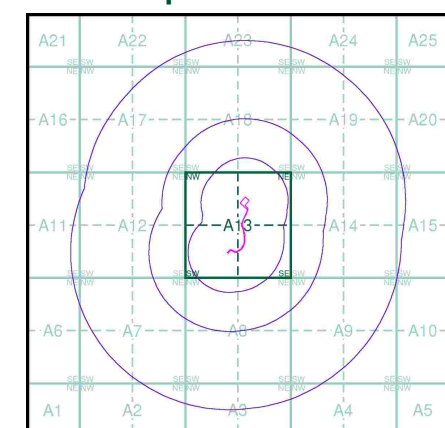
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

SD91NW 2025 Variable	SD91NE 2025 Variable
SD91SW 2025 Variable	SD91SE 2025 Variable

Historical Map - Slice A



Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570

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APPENDIX 3

LANDMARK ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

397350753_1_1

Customer Reference:

4539

National Grid Reference:

393880, 415410

Slice:

A

Site Area (Ha):

0.36

Search Buffer (m):

1000

Site Details:

Site at 393900, 415570

Client Details:

Ms L Ellis
FWS Consultants Ltd
Unit 2 City West Business Park
St Johns Road
Meadowfield Industrial Estate
Durham
County Durham
DH7 8ER

Prepared For:

Land at
LITTLEBOROUGH
OL15 0AZ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	46
Hazardous Substances	51
Geological	54
Industrial Land Use	80
Sensitive Land Use	97
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Introduction

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

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Radon Potential dataset Copyright Notice

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

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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3		2	3	17
Prosecutions	pg 8				1
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 9			10	
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 10				4
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 10		Yes		
Pollution Incidents to Controlled Waters	pg 11		2		32
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register	pg 16				2
Water Abstractions	pg 17				22 (*20)
Water Industry Act Referrals	pg 27				4
Groundwater Vulnerability Map	pg 28	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 28	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 28				2
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 28		3	19	127
Water Framework Directive - Catchment	pg 45	Yes			
Water Framework Directive - Groundwater	pg 45	Yes			
Water Framework Directive - Surface Waters	pg 45				Yes

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 46		1		3
Historical Landfill Sites	pg 46		1		3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 47	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 47		2	8	17
Potentially Infilled Land (Water)	pg 49				8
Registered Landfill Sites	pg 50				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 50				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 51			1	
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 51			1	
Planning Hazardous Substance Consents	pg 51			10	3
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 54	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 54	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 75			2	8
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 77	Yes	n/a	n/a	n/a
Mining Instability	pg 77	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 77	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 77		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 78	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 78		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 79		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 79	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 80			4	66
Fuel Station Entries	pg 86				1
Points of Interest - Commercial Services	pg 86			2	23
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 88		2	7	59
Points of Interest - Public Infrastructure	pg 93		1		22
Points of Interest - Recreational and Environmental	pg 95				5
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 97				1
Areas of Adopted Green Belt	pg 97	1			
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 97				2
Special Areas of Conservation	pg 97				2
Special Protection Areas	pg 97				1
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (W)	0	1	393884 415412
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	30	1	393950 415400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	80	1	394000 415350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	85	1	394000 415250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	103	1	393900 415150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	125	1	393950 415150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	128	1	394050 415412
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	132	1	394050 415300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	157	1	393650 415300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	166	1	393650 415350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (E)	180	1	394100 415350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	181	1	394100 415300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	188	1	393650 415400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	191	1	394100 415200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	220	1	393650 415412
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (E)	222	1	394150 415412
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	241	1	393884 415000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	246	1	393650 415450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	250	1	393750 415000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	254	1	394200 415600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	257	1	393550 415300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	258	1	393600 415412

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	263	1	393550 415350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	275	1	394150 415150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	277	1	393550 415412
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	290	1	393600 415450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	303	1	393550 415500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	306	1	394050 415000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	312	1	394250 415650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	312	1	393500 415350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	324	1	393800 415900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	324	1	393500 415412
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	327	1	394250 415700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	328	1	393550 415450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	346	1	393750 415900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	346	1	393550 415700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	351	1	393884 415950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	369	1	393500 415450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	370	1	393650 415850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	371	1	393800 415950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	372	1	393450 415400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	375	1	393600 415800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	390	1	393750 415950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	393	1	394300 415750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	405	1	393650 415900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	407	1	393850 416000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	421	1	394350 415700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	435	1	393400 415412
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	441	1	393800 414800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	451	1	393884 416050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	454	1	394400 415600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	459	1	394400 415650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SW (NE)	460	1	394350 415800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	491	1	393850 414750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18NE (N)	500	1	393900 416100
1	Discharge Consents Operator: Stannard Homes Property Type: Domestic Property (Multiple) Location: Cleggswood Farm, Hollingworth Lake, Littleborough, Rochdale Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016993939 Permit Version: 2 Effective Date: 30th November 2012 Issued Date: 30th November 2012 Revocation Date: 15th September 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Land Via Soakaway Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A13SE (NW)	19	2	393880 415420
1	Discharge Consents Operator: Stannard Homes Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Cleggswood Farm, Hollingworth Lake, Littleborough, Rochdale Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016993939 Permit Version: 1 Effective Date: 23rd August 2007 Issued Date: 23rd August 2007 Revocation Date: 15th September 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Land Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (NW)	19	2	393880 415420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: John Lowe Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 1 & 2 Bearhill Rakewood Rd, Hollingworth Lake, Littleborough, Lancashire, OL15 0aq Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 01m/690 Permit Version: 1 Effective Date: 6th September 1963 Issued Date: 6th September 1963 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unknown Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	309	2	394096 415030
3	Discharge Consents Operator: Rochdale Metropolitan Borough Council Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Hollingworth Lake Visitors Centre Hollingworth Lake County Park, Rakewood Road, Littleborough, Rochdale, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016990310 Permit Version: 2 Effective Date: 31st October 1983 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Hollingworth Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	343	2	394200 415100
3	Discharge Consents Operator: Rochdale Metropolitan Borough Council Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Hollingworth Lake Visitors Centre Hollingworth Lake County Park, Rakewood Road, Littleborough, Rochdale, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016990310 Permit Version: 1 Effective Date: 1st July 1981 Issued Date: Not Supplied Revocation Date: 30th October 1983 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Hollingworth Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	343	2	394200 415100
4	Discharge Consents Operator: Mrs J D Bamford Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 3, 5 & 7 Hollingworth Fold (3/5, Syke Rd, Littleborough, Lancashire, OL15 0aj Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01m/872 Permit Version: 1 Effective Date: 29th November 1963 Issued Date: 29th November 1963 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unknown Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	512	2	394234 414880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Pauline Ashworth Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 3, 5 & 7 Hollingworth Fold (3/5, Syke Rd, Littleborough, Lancashire, OL15 0aj Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01m/872 Permit Version: 1 Effective Date: 29th November 1963 Issued Date: 29th November 1963 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unknown Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	512	2	394234 414880
4	Discharge Consents Operator: Rochdale M.B.C. Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Hollingworth Fold Cottage, Syke Rd, Littleborough, Lancashire, OL15 0aj Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992358 Permit Version: 1 Effective Date: 27th October 1977 Issued Date: 27th October 1977 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Hollingworth Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	537	2	394270 414880
5	Discharge Consents Operator: Mr Brian Jackson Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 1 Hollingworth Fold, Syke Rd, Littleborough, Lancashire, OL15 0aj Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01m/78 Permit Version: 1 Effective Date: 25th January 1963 Issued Date: 25th January 1963 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ealees Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	600	2	394317 414837
6	Discharge Consents Operator: Ministry Of Defence Property Type: Not Given Location: Greater Manchester Council , The Pavilion , Off Rakewood Road , LITT Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 69/150/19 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Treated Effluent Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A8SW (S)	602	2	393700 414650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: The Sea Cadet Association Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Pennine Boating Station Hollingworth Lake, Littleborough, Rochdale, Lancashire, OL15 0at Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016993393 Permit Version: 1 Effective Date: 23rd February 2001 Issued Date: 23rd February 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Hollingworth Lake Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SW (S)	655	2	393740 414590
8	Discharge Consents Operator: Mr 7 Mrs P Shaw Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Lane Foot Farm, Ealees, Littleborough, Lancashire, OL16 0hj Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0168/785 Permit Version: 1 Effective Date: 12th February 1968 Issued Date: 12th February 1968 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unknown Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	683	2	394520 415950
9	Discharge Consents Operator: Mr Ricky J Caulcutt Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Old Mill Cottage And Millstone Cottage, Ealees, Littleborough, Lancashire, OL15 0hj Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0171/1359 Permit Version: 2 Effective Date: 3rd March 2008 Issued Date: 3rd March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ealees Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	710	2	394300 416200
9	Discharge Consents Operator: Mr Johnathan Paul Hargreaves Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Old Mill Cottage And Millstone Cottage, Ealees, Littleborough, Lancashire, OL15 0hj Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 0171/1359 Permit Version: 2 Effective Date: 3rd March 2008 Issued Date: 3rd March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ealees Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	710	2	394300 416200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Mr Ricky J Caulcutt Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Old Mill Cottage And Millstone Cottage, Ealees, Littleborough, Lancashire, OL15 0hj Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0171/1359 Permit Version: 1 Effective Date: 11th May 1971 Issued Date: 11th May 1971 Revocation Date: 2nd March 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Unknown Environment: Receiving Water: Unknown Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	710	2	394300 416200
10	Discharge Consents Operator: British Rail Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Access Ramp & Car Park Swo, Adjacent Littleborough Car Park, Littleborough, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991149 Permit Version: 1 Effective Date: 23rd October 1991 Issued Date: Not Supplied Revocation Date: 23rd October 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Roch Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18NW (N)	711	2	393800 416300
11	Discharge Consents Operator: Mrs J Shaw Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Shore House, Ealees, Littleborough, Lancashire, OL15 0hj Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016993855 Permit Version: 1 Effective Date: 4th July 2006 Issued Date: 4th July 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Shore Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	739	2	394560 415990
12	Discharge Consents Operator: R Hill Property Type: Not Given Location: Hollingworth Lakeside Pumping Station , OL15 0DD Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993258-01 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Emergency overflow/SW Discharge: Freshwater Stream/River Environment: Receiving Water: Emergency Sewage Eff; Outlet To Watercourse; Hollingworth Lake Status: Not Given Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	780	2	393250 414700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Lakeside Ps, Hollingworth Lake, Littleborough, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993258 Permit Version: 1 Effective Date: 20th March 1998 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Hollingworth Lake Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	784	2	393250 414695
13	Discharge Consents Operator: Mr. Frank Mills Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Round House Farm, Rakewood, Littleborough, Oldham, OL15 0at Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016993459 Permit Version: 2 Effective Date: 7th March 2013 Issued Date: 7th March 2013 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Land/Soakaway Environment: Receiving Water: Ground Water Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8SE (S)	877	2	394160 414420
13	Discharge Consents Operator: Mr. Frank Mills Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Round House Farm, Rakewood, Littleborough, Oldham, OL15 0at Authority: Environment Agency, North West Region Catchment Area: Roch Reference: 016993459 Permit Version: 1 Effective Date: 23rd December 2002 Issued Date: 23rd December 2002 Revocation Date: 6th March 2013 Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Land/Soakaway Environment: Receiving Water: Ground Water Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	877	2	394160 414420
14	Discharge Consents Operator: Armour Hess Chemicals Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Armour Hess Chemicals Cloughfield Works, Brown Bank, Littleborough, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 0168/816 Permit Version: 1 Effective Date: 7th July 1994 Issued Date: Not Supplied Revocation Date: 7th July 1994 Discharge Type: Trade Discharges - Cooling Water Discharge: Canal Environment: Receiving Water: Rochdale Canal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	992	2	393000 416000
15	Prosecutions Location: Ealees Mill, Off Egerton Street, Littleborough, Rochdale, Greater Manchester Prosecution Text: Not Supplied Prosecution Act: WATER RESOURCES ACT 1991, SECTION 85 (1) Hearing Date: 19th May 2009 Verdict: Guilty Fine: 12000 Cost: Not Supplied Positional Accuracy: Automatically positioned to the address	A18NE (N)	680	2	394207 416217

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AK3412 Dated: 21st February 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (NW)	398	2	393530 415732
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, LANCASHIRE, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: BG8181 Dated: 11th November 1999 Process Type: IPC new application Description: 4.5 A (O) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (NW)	400	2	393530 415737
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AG5552 Dated: 17th February 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 1.3 A (C) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (NW)	400	2	393530 415737
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AJ3948 Dated: 16th September 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (C) Combustion processes within the Fuel & Power Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A12NE (NW)	403	2	393525 415732
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: BI3412 Dated: 5th September 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	2	393525 415737
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: Bj8448 Dated: 20th December 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	2	393525 415737
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, LANCASHIRE, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: BI3148 Dated: 8th June 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (O) Inorganic Chemical processes within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	2	393525 415737

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: BD6522 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	2	393525 415737
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AF6600 Dated: 26th June 1992 Process Type: Withdrawn IPC application Description: 1.1 A (A) Gasification and associated processes within the Fuel & Power Industry Status: Application deemed withdrawn Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	2	393525 415737
16	Integrated Pollution Controls Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Environment Agency, North West Region Permit Reference: AW1454 Dated: 3rd November 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (C) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A12NE (NW)	412	2	393520 415742
17	Local Authority Pollution Prevention and Controls Name: Littleborough Service StationMurco Petroleum Ltd Location: 113 Church Street, Littleborough, MIDDLETON, Lancashire, OL15 8JA Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 77/09 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	789	3	393451 416233
18	Local Authority Pollution Prevention and Controls Name: Belden Cdt Location: Stockton Street, Littleborough, OL15 Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: P120/06 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	931	3	393329 416317
18	Local Authority Pollution Prevention and Controls Name: Raydex/Cdt Ltd Location: Python Mill, Littleborough, Lancashire, OL15 8YJ Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 120/06 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	932	3	393329 416318
19	Local Authority Pollution Prevention and Controls Name: Carlisle It Location: Python Mill, Littleborough, Lancashire, OL15 8YJ Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 120/14 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A17NE (NW)	939	3	393392 416375
	Nearest Surface Water Feature	A13NE (N)	9	-	393887 415581

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Road Location: Hollingworth Lake Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Hollingworth Lake; Oil Incident Date: 17th January 1997 Incident Reference: 97620087 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	83	2	394000 415300
21	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Hollingworth Lake, Littlebor Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Other Organic Wastes Note: Not Supplied Incident Date: 31st January 1999 Incident Reference: 630 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	120	2	393700 415300
22	Pollution Incidents to Controlled Waters Property Type: Chemical industry Location: River Rochdale Canal Authority: Environment Agency, North West Region Pollutant: Other Sewage Note: Effluent In Canal Incident Date: 6th June 1998 Incident Reference: SO981026 Catchment Area: Rochdale Canal Receiving Water: Canal Cause of Incident: Ineffective Pumping Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	509	2	393400 415700
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Longden End Brook Incident Date: 10th May 1991 Incident Reference: 91620706 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	580	2	394500 415300
24	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: Hollingworth Lake; Blue-Green Algae Incident Date: 9th October 1996 Incident Reference: 96622172 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Algal Bloom Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	627	2	393500 414700
25	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Peel Street, LITTLEBOROUGH Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Oil To River Incident Date: 18th June 1998 Incident Reference: SO981156 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	681	2	393600 416200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Roch; No Pollution Found Incident Date: 22nd July 1995 Incident Reference: 95621832 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	696	2	393900 416295
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Colour Note: River Roch Incident Date: 20th July 1995 Incident Reference: 95621828 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	701	2	393900 416300
27	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Industrial Effluent Note: Rochdale Canal; Fatty Amine Incident Date: 2nd December 1993 Incident Reference: 93622226 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (NW)	704	2	393200 415700
28	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Foam On Rochdale Canal, Hollingworth Road , LITTLEBOROUGH Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: Not Supplied Incident Date: 25th August 1998 Incident Reference: SO981538 Catchment Area: Rochdale Canal Receiving Water: Canal Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	706	2	393800 416295
29	Pollution Incidents to Controlled Waters Property Type: Abandoned mine Location: River Roch, LITTLEBOROUGH Authority: Environment Agency, North West Region Pollutant: Mining Water Note: Bright Orange In Colour Incident Date: 22nd October 1998 Incident Reference: SO982047 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Natural Causes Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	723	2	394100 416300
30	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: River Roch Incident Date: 24th June 1994 Incident Reference: 94621385 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	724	2	393205 415795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: Not Supplied Incident Date: 29th June 1995 Incident Reference: 95621590 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	728	2	393200 415795
30	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Other Organic Note: Rochdale Canal; Stearic Acid Incident Date: 6th August 1995 Incident Reference: 95621999 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	730	2	393200 415800
31	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Stubby Mill Brook, Near Hollingworth Park, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Other Pollutant Note: Not Supplied Incident Date: 29th November 1999 Incident Reference: 34291 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	732	2	393300 415995
31	Pollution Incidents to Controlled Waters Property Type: Manufacturing: Food & Beverage Manufacture Location: River Roch, Stubble Mill Lane, Near Petrol Station, Greater Manchester Authority: Environment Agency, North West Region Pollutant: General Biodegradable : Vegetable Oils Note: Not Supplied Incident Date: 10th August 1999 Incident Reference: 31163 Catchment Area: Roch Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	735	2	393300 416000
32	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Box Street , LITTLEBOROUGH Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Urban Runoff Note: Roch; Fire Water Incident Date: 27th May 1997 Incident Reference: 97620745 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	735	2	393700 416300
33	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Mud/Clay/Soil Note: Eales Brook Incident Date: 5th December 1991 Incident Reference: 91621899 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	754	2	394200 416300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Pollution Seen Incident Date: 23rd May 1994 Incident Reference: 94621065 Catchment Area: Roch Receiving Water: Groundwater Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	795	2	393300 416095
34	Pollution Incidents to Controlled Waters Property Type: Demolition Location: Featherstall Brook, Shubby Mill Road Authority: Environment Agency, North West Region Pollutant: Oils - Black Fuel Oil Note: Not Supplied Incident Date: 20th April 1998 Incident Reference: SO980737 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	798	2	393300 416100
35	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Oily Substance Discharging To, Roch Stubbleby Mill La, Ltlbrh Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: River Roch; Not Known Incident Date: 18th July 1997 Incident Reference: 97621370 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	796	2	393400 416200
36	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Stream to River Roche, The Arches, LITTLEBOROUGH, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Other Pollutant Note: Not Supplied Incident Date: 29th September 1999 Incident Reference: 32855 Catchment Area: Roch Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18NW (N)	804	2	393805 416395
36	Pollution Incidents to Controlled Waters Property Type: Scrapyard Location: Oil Into River Roch At, Railway Arches, LITTLEBOROUGH Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: River Roch; Diesel/Gas Fuel Oil Incident Date: 6th October 1997 Incident Reference: 97621748 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	805	2	393800 416395
36	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: River Roch Incident Date: 3rd July 1995 Incident Reference: 95621626 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	810	2	393800 416400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Longden End Brook Incident Date: 27th May 1995 Incident Reference: 95621255 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	818	2	394200 414500
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Hollingworth Lake; No Pollution Found Incident Date: 25th June 1995 Incident Reference: 95621538 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	822	2	394200 414495
38	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 13th March 1995 Incident Reference: 95620512 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	825	2	393100 415800
39	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Unknown Note: Roch; White Substance Incident Date: 1st October 1995 Incident Reference: 95622424 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	847	2	394200 416400
40	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 16th May 1996 Incident Reference: 96621065 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (N)	905	2	393500 416400
41	Pollution Incidents to Controlled Waters Property Type: Transport, Storage, Communications: Road & Rail Location: River Roch, Near Stubby Mill Lane, Lancashire Authority: Environment Agency, North West Region Pollutant: General Biodegradable : Vegetable Oils Note: Not Supplied Incident Date: 31st August 1999 Incident Reference: 31939 Catchment Area: Roch Receiving Water: River Stretch (Freshwater) Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	920	2	393000 415795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Found Incident Date: 5th October 1994 Incident Reference: 94622216 Catchment Area: Roch Receiving Water: Groundwater Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	921	2	393000 415800
42	Pollution Incidents to Controlled Waters Property Type: Boats/Ships Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Seen Incident Date: 13th April 1994 Incident Reference: 94620679 Catchment Area: Roch Receiving Water: Groundwater Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A23SE (N)	942	2	394200 416500
43	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 26th April 1995 Incident Reference: 95620917 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	953	2	393100 416095
43	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Featherstall Bk; No Pollution Found Incident Date: 9th May 1995 Incident Reference: 95621072 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	956	2	393100 416100
44	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 31st May 2008 Incident Reference: 591953 Water Impact: Category 1 - Major Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Inorganic Chemicals : Acids	A18NE (N)	669	2	394169 416221
45	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 3rd June 2007 Incident Reference: 499854 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A17NE (NW)	767	2	393360 416121

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 4546 Yearly Rate (m3): 1654780 Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	532	2	393450 415860
46	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	532	2	393450 415860
46	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	532	2	393450 415860
47	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	579	2	393630 416100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	579	2	393630 416100
47	Water Abstractions Operator: Akzo Nobel Chemicals Ltd Licence Number: 2569002008 Permit Version: 100 Location: Rochdale Canal At Premises Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	579	2	393630 416100
48	Water Abstractions Operator: Fothergill Engineered Fabrics Ltd Licence Number: 2569002136 Permit Version: 101 Location: Shore Lane Brk At Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ealees Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th June 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	640	2	394500 415900
48	Water Abstractions Operator: Fothergill Engineered Fabrics Ltd Licence Number: 2569002136 Permit Version: 101 Location: Shore Lane Brk At Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ealees Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th June 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	640	2	394500 415900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	Water Abstractions Operator: Fothergill Engineered Fabrics Ltd Licence Number: 2569002136 Permit Version: 100 Location: Shore Lane Brk At Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 136 Yearly Rate (m3): 35641 Details: Ealees Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th June 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	640	2	394500 415900
48	Water Abstractions Operator: Fothergill Engineered Fabrics Ltd Licence Number: 2569002136 Permit Version: 100 Location: Shore Lane Brk At Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ealees Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th June 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	640	2	394500 415900
49	Water Abstractions Operator: Whittaker Management Company Ltd Licence Number: 2569002246 Permit Version: 101 Location: Borehole At Whittaker Farm Shore Lane Littleborough Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Whittaker Farm Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	774	2	394720 415550
49	Water Abstractions Operator: P Sutcliffe Licence Number: 2569002246 Permit Version: 100 Location: Borehole At Whittaker Farm , Shore Lane , Littleborough Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 18 Yearly Rate (m3): 2728 Details: Land & Premises At Whittaker Farm Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd September 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	774	2	394720 415550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	Water Abstractions Operator: Whittaker Estate Company Ltd. Licence Number: 2569002230 Permit Version: 101 Location: Unnamed Watercourse At Whittaker Golf Club, Littleborough Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Whittaker Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd February 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	785	2	394700 415800
50	Water Abstractions Operator: Whittaker Golf Club Licence Number: 2569002230 Permit Version: 100 Location: Unnamed Watercourse At Whittaker Golf Club, Littleborough Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 5 Yearly Rate (m3): 295 Details: Land At Whittaker Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd May 1985 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	785	2	394700 415800
51	Water Abstractions Operator: Vita Thermoplastic Compounds Ltd Licence Number: 2569002250 Permit Version: 101 Location: Borehole At Stockton Street Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises, Stockton St, L'Boro Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th October 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	818	2	393500 416300
51	Water Abstractions Operator: Jackdaw Polymers Licence Number: 2569002250 Permit Version: 100 Location: Borehole At Stockton Street Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 331 Yearly Rate (m3): 72730 Details: Land & Premises, Stockton St, L'Boro Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th May 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	818	2	393500 416300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Water Abstractions Operator: Whittaker Estate Company Ltd. Licence Number: 2569002232 Permit Version: 101 Location: Spring Fed Storage Tank At Whittakergolf Club, Littleborough Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Whittaker Golf Club, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd February 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NE (E)	857	2	394800 415500
52	Water Abstractions Operator: Whittaker Estate Company Ltd. Licence Number: 2569002232 Permit Version: 101 Location: Spring Fed Storage Tank At Whittakergolf Club, Littleborough Authority: Environment Agency, North West Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Whittaker Golf Club, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd February 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NE (E)	857	2	394800 415500
52	Water Abstractions Operator: Whittaker Golf Club Licence Number: 2569002232 Permit Version: 100 Location: Spring Fed Storage Tank At Whittakergolf Club, Littleborough Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 5 Yearly Rate (m3): 459 Details: Whittaker Golf Club, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th December 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NE (E)	857	2	394800 415500
52	Water Abstractions Operator: Whittaker Golf Club Licence Number: 2569002232 Permit Version: 100 Location: Spring Fed Storage Tank At Whittakergolf Club, Littleborough Authority: Environment Agency, North West Region Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Whittaker Golf Club, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th December 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	857	2	394800 415500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Water Abstractions Operator: Nwwa Eastern Division Licence Number: 2569002111 Permit Version: Not Supplied Location: Borehole, Python Mill, Church Street, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 2728 Yearly Rate (m3): 1000120 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	874	2	393400 416300
54	Water Abstractions Operator: Falcon Trunking Systems Ltd Licence Number: 2569002262 Permit Version: Not Supplied Location: Featherstall Brook At , LITTLEBOROUGH, Lancashire Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 48 Yearly Rate (m3): 10000 Details: Featherstall Brook Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	903	2	393100 416000
	Water Abstractions Operator: Boro Candlewick Textiles Ltd. Licence Number: 2569002034 Permit Version: Not Supplied Location: Albion Mill, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 68 Yearly Rate (m3): 17275 Details: Additional Purpose - Boiler Feed. Featherstall Brook Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1040	2	393000 416100
	Water Abstractions Operator: J Clegg & Bros Rakewood Ltd Licence Number: 2569002047 Permit Version: 102 Location: Longden End Brk At Premises, Rakewood, Littleborough Authority: Environment Agency, North West Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Rakewood, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th September 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4NE (SE)	1360	2	394600 414100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J Clegg Bros Rakewood Ltd Licence Number: 2569002047 Permit Version: 101 Location: Longden End Brk At Premises, Rakewood, Littleborough Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 618 Yearly Rate (m3): 208352 Details: Premises At Rakewood, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st May 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4NE (SE)	1360	2	394600 414100
	Water Abstractions Operator: Whittaker Estate Company Ltd. Licence Number: 2569002231 Permit Version: 101 Location: Shore Lane Brk At Littleborough, Lancs Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Whittaker Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd February 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SE (E)	1489	2	395400 415900
	Water Abstractions Operator: Whittaker Golf Club Licence Number: 2569002231 Permit Version: 100 Location: Shore Lane Brk At Littleborough, Lancs Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 5 Yearly Rate (m3): 295 Details: Land At Whittaker Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd May 1985 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SE (E)	1489	2	395400 415900
	Water Abstractions Operator: Walsden Printing Co Ltd Licence Number: 2569002240 Permit Version: Not Supplied Location: Town House Brook , And Gale House Reservoir , Overflow At, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 455 Yearly Rate (m3): 104560 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23NW (N)	1505	2	393800 417100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Walsden Printing Co Ltd Licence Number: 2569002240 Permit Version: 100 Location: Town House Brook And Gale House Reservoir Overflow At Li Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 455 Yearly Rate (m3): 104560 Details: Land At Gale Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th December 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1575	2	393800 417170
	Water Abstractions Operator: Harold Howarth Licence Number: 2569002215 Permit Version: 100 Location: Catchpit At Higher Gale, Gale, Near Littleborough Authority: Environment Agency, North West Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 45 Yearly Rate (m3): 1659 Details: Premises At Gale, Nr Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th February 1974 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1602	2	394000 417200
	Water Abstractions Operator: Walsden Printing Co Ltd Licence Number: 2569002240 Permit Version: 100 Location: Town House Brook And Gale House Reservoir Overflow \$111 Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Land At Gale Mill, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th December 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1621	2	394110 417210
	Water Abstractions Operator: Mr E Harrison Licence Number: 2569002062 Permit Version: 100 Location: Brick Lined Catchpit At Higher Gale,Gale, Littleborough Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 3 Yearly Rate (m3): 996 Details: Lower Town House Farm, Gale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1710	2	394100 417300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J.Clegg & Bros (Rakewood) Limited Licence Number: Nw/069/0002/008/R01 Permit Version: 1 Location: Longden End Brook Adj To Rakewood Road, Littleborough Authority: Environment Agency, North West Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th July 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SE)	1850	2	394803 413650
	Water Abstractions Operator: J Clegg & Bros Rakewood Ltd Licence Number: Nw/069/0002/008/L Permit Version: 1 Location: Longden End Brook Adj To Rakewood Road, Littleborough Authority: Environment Agency, North West Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SE)	1850	2	394803 413650
	Water Abstractions Operator: J Clegg & Bros Rakewood Ltd Licence Number: Nw/069/0002/008 Permit Version: 1 Location: Longden End Brook Adj To Rakewood Road, Littleborough Authority: Environment Agency, North West Region Abstraction: Amenity: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SE)	1850	2	394803 413650
	Water Abstractions Operator: Quartgain Ltd Licence Number: 2569002087 Permit Version: Not Supplied Location: Premises, Shore, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Boiler Feed Abstraction Type: Not Supplied Source: River Daily Rate (m3): 5 Yearly Rate (m3): 1818 Details: Reservoir Fed By Surface Drainage Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21NE (NW)	1874	2	392800 417100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Todmorden Anglers Society Licence Number: 2569002271 Permit Version: 5 Location: Long Clough Brook, Littleborough Authority: Environment Agency, North West Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: At Croft Head Reservoir, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1905	2	393300 417400
	Water Abstractions Operator: Mr R Barber Licence Number: 2569002271 Permit Version: 4 Location: Long Clough Brook, Littleborough Authority: Environment Agency, North West Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: At Croft Head Reservoir, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1905	2	393300 417400
	Water Abstractions Operator: R Barber Licence Number: 2569002271 Permit Version: 3 Location: Long Clough Brook, Littleborough Authority: Environment Agency, North West Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: At Croft Head Reservoir, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1905	2	393300 417400
	Water Abstractions Operator: Littleborough Angling Society Licence Number: 2569001244 Permit Version: 100 Location: Long Clough Brook, Littleborough Authority: Environment Agency, North West Region Abstraction: Amenity: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Croft Head Reservoir, Littleborough Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th July 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1905	2	393300 417400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Courtaulds Advanced Materials Licence Number: 2569002198 Permit Version: Not Supplied Location: Longclough Brook, Gale Mill, LITTLEBOROUGH Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 2 Yearly Rate (m3): 568 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1940	2	393200 417400
	Water Abstractions Operator: Volkerstevin Limited Licence Number: Nw/069/0002/018 Permit Version: 1 Location: Gale West Site, Littleborough Authority: Environment Agency, North West Region Abstraction: Other Environmental Improvements: Dewatering Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 15th March 2024 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1966	2	394374 417513
55	Water Industry Act Referrals Name: Jackdaw Polymers Ltd Location: JACKDAW POLYMERS LTD, STOCKTON STREET, STOCKTON STREET, LITTLEBOROUGH, LANCASHIRE, OL15 8YJ Authority: Environment Agency, North West Region Permit Reference: BB6696 Dated: 15th July 1998 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Automatically positioned to the address	A22SE (NW)	973	2	393431 416440
55	Water Industry Act Referrals Name: Jackdaw Polymers Ltd Location: JACKDAW POLYMERS LTD, STOCKTON STREET, STOCKTON STREET, LITTLEBOROUGH, LANCASHIRE, OL15 8YJ Authority: Environment Agency, North West Region Permit Reference: BB6718 Dated: 15th July 1998 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Automatically positioned to the address	A22SE (NW)	976	2	393426 416440
55	Water Industry Act Referrals Name: Jackdaw Polymers Ltd Location: JACKDAW POLYMERS LTD, STOCKTON STREET, STOCKTON STREET, LITTLEBOROUGH, LANCASHIRE, OL15 8YJ Authority: Environment Agency, North West Region Permit Reference: Bw0347 Dated: 8th September 2003 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Automatically positioned to the address	A22SE (NW)	980	2	393426 416445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Water Industry Act Referrals Name: Jackdaw Polymers Ltd Location: JACKDAW POLYMERS LTD, STOCKTON STREET, STOCKTON STREET, LITTLEBOROUGH, LANCASHIRE, OL15 8YJ Authority: Environment Agency, North West Region Permit Reference: Bv5424 Dated: 1st August 2003 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Automatically positioned to the address	A22SE (NW)	980	2	393426 416445
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: High	A13SE (W)	0	2	393884 415412
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (W)	0	2	393884 415412
	Superficial Aquifer Designations No Data Available				
56	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A7SE (SW)	922	2	393344 414449
57	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A7SE (SW)	923	2	393344 414449
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 594.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	185	4	394107 415241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	187	4	394059 415170
60	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 163.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 1	A13SE (SE)	188	4	394059 415167
61	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 34.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (NE)	269	4	394215 415566
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (NE)	293	4	394239 415592
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (NE)	295	4	394241 415594
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.0 Watercourse Level: Underground Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	307	4	394072 415015
65	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Lake Catchment Name: Mersey Primacy: 1	A8NE (SE)	307	4	394072 415015
66	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 141.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Lake Catchment Name: Mersey Primacy: 1	A8NE (SE)	309	4	394070 415010
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (NE)	323	4	394265 415631

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 1	A14NW (NE)	337	4	394278 415636
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 275.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 1	A14NW (NE)	338	4	394279 415636
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 602.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brearley Brook Catchment Name: Mersey Primacy: 1	A14NW (NE)	338	4	394281 415627
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 442.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	346	4	394101 414987
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.2 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A8NE (SE)	346	4	394101 414987
73	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 770.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	356	4	393985 414902
74	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 78.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Lake Catchment Name: Mersey Primacy: 1	A8NE (S)	365	4	393985 414902
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 644.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SW (SE)	385	4	394293 415143
76	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 277.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A8NE (S)	435	4	393968 414824

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 70.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Lake Catchment Name: Mersey Primacy: 1	A8NE (S)	435	4	393968 414824
78	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 268.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	500	4	393959 414755
79	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 132.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Lake Catchment Name: Mersey Primacy: 1	A8NE (S)	500	4	393959 414755
80	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 2255.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A17SE (NW)	530	4	393452 415867
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 2	A19SW (NE)	544	4	394411 415863
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	544	4	394411 415863
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollingworth Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	552	4	394416 415869
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	557	4	394111 416123
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Longden End Brook Catchment Name: Mersey Primacy: 1	A8SE (S)	573	4	394082 414716

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shore Lane Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	608	4	394450 415919
87	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 67.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A19SW (NE)	608	4	394447 415924
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 305.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ealees Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	608	4	394447 415924
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Shore Lane Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	613	4	394462 415909
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shore Lane Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	615	4	394466 415908
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	615	4	394188 416154
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A8SE (SE)	630	4	394208 414716
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ealees Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	638	4	394180 416183
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 287.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ealees Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	639	4	394185 416182

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14NE (E)	641	4	394589 415563
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14NE (E)	650	4	394596 415605
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ealees Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	654	4	394095 416231
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	656	4	394575 415291
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14NE (E)	657	4	394602 415616
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	660	4	394579 415291
101	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 242.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A19SW (NE)	673	4	394487 415979
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 800.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A17SE (NW)	675	4	393269 415930
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A18NE (N)	677	4	394159 416234

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A18NE (N)	679	4	394161 416235
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14NE (E)	681	4	394627 415660
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	682	4	394543 415911
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shore Lane Brook Catchment Name: Mersey Primacy: 1	A19SW (NE)	682	4	394533 415926
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.6 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14NE (E)	682	4	394626 415524
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A19SE (NE)	683	4	394604 415763
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A19SE (NE)	684	4	394604 415769
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14NE (E)	684	4	394626 415655
112	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 53.9 Watercourse Level: Underground Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A18NE (N)	695	4	394029 416286

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A18NE (N)	695	4	394029 416286
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A9SW (SE)	703	4	394220 414638
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Longden End Brook Catchment Name: Mersey Primacy: 1	A9SW (SE)	703	4	394220 414638
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	706	4	394582 415887
117	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 24.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A18NE (N)	708	4	394043 416297
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SE (NW)	709	4	393258 415882
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	711	4	394587 415886
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 408.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A17SE (NW)	715	4	393246 415875
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A17SE (NW)	715	4	393252 415886

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14NE (E)	716	4	394657 415490
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.0 Watercourse Level: Underground Permanent: True Watercourse Name: Ealees Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	721	4	394079 416304
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	722	4	393269 415930
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ealees Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	725	4	393931 416325
126	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A18NE (N)	726	4	394062 416313
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Ealees Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	728	4	393913 416328
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 248.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A19NW (NE)	729	4	394281 416235
129	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 236.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A18NE (N)	732	4	394067 416317
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ealees Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	735	4	393905 416334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	740	4	394095 414543
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 172.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brearley Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	744	4	394663 415280
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Brearley Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	744	4	394663 415284
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 512.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	752	4	393884 416351
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A18NE (N)	752	4	393884 416351
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A19NW (NE)	752	4	394411 416171
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 456.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A18NE (N)	753	4	393888 416352
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A19NW (NE)	760	4	394415 416178
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A19NW (NE)	765	4	394418 416182

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.8 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	776	4	394705 415395
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A19SE (NE)	790	4	394655 415927
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	792	4	394686 415113
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	793	4	394112 414493
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A8SE (S)	793	4	394112 414493
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A19SE (NE)	794	4	394655 415938
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	794	4	394717 415359
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	801	4	394111 414484
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	803	4	394723 415323

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	804	4	394724 415316
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A19SE (NE)	805	4	394618 416024
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	810	4	394699 415092
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 321.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (SE)	810	4	394556 414794
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	813	4	393564 414468
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A14SE (E)	816	4	394713 415123
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brearley Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	816	4	394713 415123
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	833	4	394108 414450
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	833	4	394108 414450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	834	4	394751 415254
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	834	4	394751 415254
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	841	4	394753 415208
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	841	4	394753 415203
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A19SE (NE)	843	4	394668 416014
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: Underground Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	845	4	393171 416007
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	849	4	394759 415825
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A19SE (NE)	850	4	394676 416015
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shore Lane Brook Catchment Name: Mersey Primacy: 1	A19SE (NE)	852	4	394633 416083

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shore Lane Brook Catchment Name: Mersey Primacy: 2	A19SE (NE)	852	4	394633 416083
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 227.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Featherstall Brook Catchment Name: Mersey Primacy: 1	A17SW (NW)	858	4	393162 416016
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	858	4	394101 414421
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	858	4	394101 414421
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A14SE (E)	861	4	394764 415146
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shore Lane Brook Catchment Name: Mersey Primacy: 1	A19SE (NE)	866	4	394648 416087
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Longden End Brook Catchment Name: Mersey Primacy: 1	A9SW (S)	870	4	394258 414470
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	871	4	394775 415159
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	872	4	394777 415158

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (E)	872	4	394756 415067
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brearley Brook Catchment Name: Mersey Primacy: 2	A9NE (E)	872	4	394756 415067
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	873	4	394777 415155
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	875	4	394778 415150
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A14SE (E)	876	4	394779 415148
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	876	4	394779 415148
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A19SE (NE)	876	4	394682 416054
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 285.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Longden End Brook Catchment Name: Mersey Primacy: 1	A9SW (S)	876	4	394258 414463
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Canal Drain Catchment Name: Mersey Primacy: 1	A19SE (NE)	879	4	394684 416057

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Brearley Brook Catchment Name: Mersey Primacy: 2	A9NE (E)	889	4	394774 415069
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brearley Brook Catchment Name: Mersey Primacy: 2	A9NE (E)	891	4	394777 415070
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 354.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	891	4	394794 415145
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A3NE (S)	895	4	394081 414378
189	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A3NE (S)	900	4	394080 414372
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 217.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A2NE (S)	909	4	393539 414375
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A2NE (S)	909	4	393539 414375
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.4 Watercourse Level: Underground Permanent: True Watercourse Name: Shore Lane Brook Catchment Name: Mersey Primacy: 1	A19NE (NE)	916	4	394696 416106
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brearley Brook Catchment Name: Mersey Primacy: 1	A9NE (SE)	939	4	394801 414985

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A3NE (S)	939	4	394090 414335
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A3NE (S)	940	4	394079 414331
196	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A2NE (S)	943	4	393496 414354
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Shore Lane Brook Catchment Name: Mersey Primacy: 1	A19NE (NE)	945	4	394727 416112
198	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A23SE (N)	954	4	394187 416517
199	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 464.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Roch Catchment Name: Mersey Primacy: 1	A12NW (W)	961	4	392939 415701
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	961	4	392939 415701
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: False Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	974	4	392928 415717
202	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.6 Watercourse Level: On ground surface Permanent: False Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	974	4	392929 415723

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 397.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 1	A23SE (N)	980	4	394193 416541
204	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A11NE (W)	981	4	392863 415515
205	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 331.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	996	4	392911 415741
206	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.1 Watercourse Level: On ground surface Permanent: False Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	996	4	392911 415741
	Water Framework Directive - Catchment Class Code: River Catchment Waterbody Name: Roch (Source to Spodden) Waterbody ID: GB112069064720 Operational Catchment: Roch Irk Medlock Management: Irwell Catchment: Irwell Catchment Name: Irwell	A13SE (W)	0	2	393884 415412
	Water Framework Directive - Groundwater Waterbody Name: Northern Manchester Carboniferous Aquifers Waterbody ID: GB41202G101800 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB41202G101800 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2019	A13SE (W)	0	2	393884 415412
	Water Framework Directive - Surface Waters Class Code: Canal Waterbody Name: Rochdale Canal, Western Section Waterbody ID: GB71210517 URL Address: Not Supplied Overall Rating: Not Assessed Chemical Rating: Not Assessed Classification Year: 2022	A17SE (NW)	530	2	393450 415865
	Water Framework Directive - Surface Waters Class Code: River Waterbody Name: Roch (Source To Spodden) Waterbody ID: GB112069064720 URL Address: Not Supplied Overall Rating: Not Assessed Chemical Rating: Not Assessed Classification Year: 2022	A19SW (NE)	608	2	394452 415916

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
207	BGS Recorded Landfill Sites Site Name: Hollingworth Lake Location: Rakewood Road, LITTLEBOROUGH, Gt Manchester Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A13SE (SE)	64	-	394004 415337
208	BGS Recorded Landfill Sites Site Name: Clough Field Works Location: Canal Side, LITTLEBOROUGH, Lancs Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good	A17SE (NW)	546	-	393433 415870
209	BGS Recorded Landfill Sites Site Name: Eales Mill Location: Eales, LITTLEBOROUGH, Lancs Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A18NE (N)	649	-	394092 416226
210	BGS Recorded Landfill Sites Site Name: Para Wales Location: Smithy Bridge, LITTLEBOROUGH, Lancs Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A12NW (W)	960	-	392875 415483
211	Historical Landfill Sites Licence Holder: Not Supplied Location: Littleborough, Greater Manchester, Greater Manchester Name: Rakewood Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15682 First Input Date: 31st December 1932 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 498 Other Ref: D058	A13SE (E)	41	2	394007 415372
212	Historical Landfill Sites Licence Holder: Not Supplied Location: Canal Side, Littleborough, Lancashire Name: Clough Field Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD32091 First Input Date: 31st December 1835 Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 504 Other Ref: Not Supplied	A17SE (NW)	546	2	393435 415871

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	Historical Landfill Sites Licence Holder: Not Supplied Location: Eales, Littleborough, Lancashire Name: Eales Mill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD32088 First Input Date: 31st December 1945 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 501 Other Ref: Not Supplied	A18NE (N)	650	2	394093 416227
214	Historical Landfill Sites Licence Holder: MPB Auto Painters Location: Off Brown Lodge Drive, Smithy Bridge, Littleborough, Greater Manchester Name: Paragon Industrial Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15683 First Input Date: 1st May 1984 Last Input Date: 31st December 1984 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9126 BGS Ref: 500 Other Ref: RD/LIC/321/83, D052	A12NW (W)	937	2	392907 415506
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		0	3	393884 415412
215	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A13NE (E)	140	-	394055 415433
216	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A13NE (NE)	249	-	394133 415748
217	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A13NE (E)	282	-	394211 415444
218	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A18SW (N)	301	-	393863 415895
219	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12SE (SW)	346	-	393463 415209
220	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12SE (SW)	364	-	393457 415148
221	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A18SE (N)	386	-	393941 415985
222	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8NE (SE)	428	-	394163 414931
223	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14NW (E)	461	-	394399 415487

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A18SE (N)	500	-	394098 416068
225	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A17SE (NW)	536	-	393411 415802
226	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (S)	564	-	393808 414676
227	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A17SE (NW)	573	-	393353 415762
228	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14NW (E)	582	-	394528 415550
229	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (S)	609	-	393866 414634
230	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14SW (E)	634	-	394550 415254
231	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A19SW (NE)	680	-	394537 415915
232	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A9NE (SE)	758	-	394553 414882
233	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A19NW (NE)	773	-	394466 416150
234	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12NW (W)	779	-	393075 415513
235	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A7NW (SW)	790	-	393121 414855
236	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A9SW (SE)	811	-	394429 414654
237	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14NE (E)	871	-	394817 415557
238	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14SE (E)	894	-	394802 415176
239	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14SE (E)	912	-	394831 415282

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A3NW (S)	938	-	393670 414315
241	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A24SW (NE)	970	-	394383 416453
242	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12SE (W)	536	-	393271 415240
243	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A7NE (SW)	678	-	393248 414863
244	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A17NE (NW)	831	-	393432 416271
245	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A17NE (NW)	907	-	393347 416302
246	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A7NW (SW)	907	-	393001 414830
247	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1851	A7NW (SW)	951	-	392980 414777
248	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A3NE (S)	956	-	393877 414286
249	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A3NW (S)	974	-	393730 414270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
250	Registered Landfill Sites Licence Holder: M.P.B. Auto Painters Licence Reference: 00321/831 Site Location: Unit 1 Paragon Industrial Works, Smithy Bridge, Littleborough, Lancashire Licence Easting: 392870 Licence Northing: 415460 Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 3rd April 1984 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Ceramic Waste Constr'N/Demol. Inert/Non-Haz/Non-Tox Glass/Cullet Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Metal Scrap Non Leachate Forming Waste Other Resins And Polymeric Materials Plastic/Polythene (Including Sacks) Soil, Clay, Sand Stone, Brick, Concrete, Slate Wood Waste/Timber Prohibited Waste Carcasses And Flesh Chemical Wastes Food Waste Liquid Wastes Paper/Cardboard Waste Plasterboard/Plaster Sawdust/Bark Sludge Wastes Textiles, Rag, Wool, Cloth, Hessian Etc Vegetable/Processing Waste Waste Forming Polluting Leachate	A12NW (W)	961	2	392870 415460
251	Registered Waste Treatment or Disposal Sites Licence Holder: Green Brothers (Littleborough) Ltd Licence Reference: 00871/92 Site Location: Frankfurt Mill Yard, Halifax Road, LITTLEBOROUGH, Lancashire, OL15 0HL Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 1st December 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Commercial Vehicles Prohibited Waste Explosive Waste Liquids/Sludges N.O.S. Pressurized Containers/Waste Therein Special Wastes N.O.S. Violently Reactive Wastes Waste N.O.S.	A23SE (N)	946	2	394160 416515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
252	Control of Major Accident Hazards Sites (COMAH) Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Rochdale, Lancashire, OL15 0BA Reference: 6552 Type: Upper Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	5	393525 415737
253	Notification of Installations Handling Hazardous Substances (NIHHS) Name: Akzo Chemie (UK) Limited Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Status: Not Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	398	5	393530 415732
254	Planning Hazardous Substance Consents Name: Akzo Chemicals Ltd Location: Hollingworth Road Littleborough Authority: Rochdale Metropolitan Borough Council Application Ref: 92/D28806 Hazardous Part A, Toxic Substance, Acrylonitrile, where amount held is greater than or equal to 20 tonnes Substance: Not Supplied Maximum Quantity: 19th November 1992 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	380	6	393549 415730
255	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Nickel compounds in inhalable powder form (nickel monoxide, nickel dioxide, nickel sulphide, trinickel disulphide, dinickel trioxide) Substance: 3.5 Maximum Quantity: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	6	393525 415737
255	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Hydrogen Substance: 2.8 Maximum Quantity: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	6	393525 415737
255	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Substance: 2 Maximum Quantity: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	6	393525 415737
255	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Toxic Substance: 60 Maximum Quantity: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	6	393525 415737

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
255	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Oxidising Maximum Quantity: 15 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	6	393525 415737
255	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Flammable (flammable liquids with flash point >=21C and <=55C supporting combustion) Maximum Quantity: 200 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	6	393525 415737
255	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Highly flammable (highly flammable liquids which have a flash point <21C and which are not extremely flammable) Maximum Quantity: 52 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	6	393525 415737
255	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, LITTLEBOROUGH, Lancashire, OL15 0BA Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Dangerous for the environment (toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment) Maximum Quantity: 3200 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	6	393525 415737
256	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Location: Hollingworth Road, Littleborough Authority: Rochdale Metropolitan Borough Council Application Ref: 01/D38893 Hazardous Substance: Dangerous for the environment (toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment) Maximum Quantity: Not Supplied Application date: 30th May 2001 Decision: New application granted conditionally Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	454	6	393467 415726
257	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Unknown at time of report Maximum Quantity: Not Supplied Application date: 4th November 1999 Decision: New application granted conditionally Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	541	6	393364 415688
258	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Rochdale, Lancashire, OL15 0ba Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Methanol Maximum Quantity: 5 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A12NE (W)	586	6	393305 415600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
258	Planning Hazardous Substance Consents Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Rochdale, Lancashire, OL15 0ba Authority: Rochdale Metropolitan Borough Council Application Ref: 99/D37052 Hazardous Substance: Extremely flammable (extremely flammable gases and liquids with a flash point <21C and boiling point at normal pressure <=35C, and gaseous substances flammable in contact with air at ambient temperature and pressure excluding extremely flammable gases and natural gas, and flammable liquid substances maintained at a temperature above their boiling point) Maximum Quantity: 52 Application date: 15th October 1999 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	A12NE (W)	596	6	393295 415590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13SE (W)	0	1	393884 415412
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (W)	0	1	393884 415412
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (E)	53	1	393983 415403
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13SW (SW)	79	1	393716 415237
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13SE (SE)	91	1	394007 415264
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (E)	98	1	394051 415359
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (W)	164	1	393618 415364

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	208	1	394164 415580
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8NW (SW)	215	1	393676 415077
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13NE (NE)	218	1	394165 415579
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8NE (S)	241	1	393884 415000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A13NE (E)	256	1	394196 415518
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (W)	258	1	393609 415412

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (SW)	272	1	393692 415000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (NE)	279	1	394226 415574
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (S)	281	1	394001 415000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (NW)	293	1	393625 415686
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	295	1	393505 415264
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	307	1	393500 415273

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (W)	308	1	393500 415412
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (SW)	310	1	393500 415204
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (SE)	313	1	394122 415048
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	313	1	393505 415154
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	319	1	393500 415159
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NW (NW)	324	1	393566 415576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (SE)	325	1	394227 415199
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (SW)	330	1	393574 415014
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (E)	332	1	394254 415412
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NW (SW)	335	1	393580 415000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (SW)	337	1	393476 415185
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NW (SW)	353	1	393555 415000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NE (SW)	394	1	393500 415000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	400	1	393918 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	400	1	393884 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NE (NW)	401	1	393500 415654
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	408	1	394000 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	419	1	393536 415785

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	421	1	394223 415000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NW (NE)	424	1	394360 415673
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	429	1	393500 414947
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	452	1	393998 414815
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (S)	452	1	394000 414815
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	453	1	393441 415625

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (NE)	464	1	394157 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	466	1	393683 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	475	1	394403 415418
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	475	1	394404 415420
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (NW)	488	1	393428 415718
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	528	1	394474 415553

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	542	1	394377 415010
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	543	1	394373 415000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	544	1	394481 415469
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NW (E)	554	1	394500 415596
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	554	1	393477 414801
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NW (E)	554	1	394500 415533

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NW (E)	555	1	394500 415461
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7NE (SW)	557	1	393500 414782
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	560	1	393529 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	561	1	393504 415978
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	564	1	393400 415851
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	564	1	393500 415974

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NW (E)	564	1	394500 415459
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NW (E)	564	1	394500 415423
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14SW (E)	569	1	394500 415412
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NW (E)	574	1	394510 415457
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17SE (NW)	581	1	393501 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NE (N)	590	1	394000 416185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	598	1	393342 415800
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	599	1	394373 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	627	1	394186 416168
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	627	1	394472 415921
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	635	1	394500 415050
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	636	1	394500 415892

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	642	1	394431 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	648	1	394500 415916
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (SW)	661	1	393552 414636
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NW (NE)	670	1	394250 416184
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	678	1	394478 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	700	1	394644 415487

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A7SE (SW)	709	1	393500 414606
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A19NW (NE)	710	1	394278 416216
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NW (N)	716	1	393655 416264
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19SW (NE)	717	1	394522 416016
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19NW (NE)	718	1	394296 416213
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7SE (SW)	720	1	393489 414600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NE (E)	727	1	394666 415682
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7SE (SW)	729	1	393500 414584
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	730	1	394500 414853
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19NW (NE)	750	1	394305 416246
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SE (S)	758	1	394000 414500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17SW (NW)	768	1	393181 415856

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SW (S)	778	1	393592 414496
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A9SW (SE)	781	1	394470 414735
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A8SE (S)	781	1	394095 414500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NW (SW)	788	1	393130 414843
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A9NW (SE)	789	1	394500 414756
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17NE (NW)	793	1	393474 416254

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	796	1	394640 415968
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17NE (NW)	810	1	393286 416102
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14NE (E)	816	1	394767 415525
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (S)	825	1	393541 414464
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	830	1	394661 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SE (NE)	854	1	394773 415791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19NW (NE)	857	1	394350 416342
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9SW (SE)	861	1	394297 414500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A3NW (S)	869	1	393721 414377
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A17SW (NW)	872	1	393136 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9SE (SE)	876	1	394599 414741
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9SW (SE)	884	1	394500 414619

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A17SW (NW)	896	1	393043 415854
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A3NW (S)	899	1	393625 414362
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A23SE (N)	900	1	393884 416500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A23SW (N)	902	1	393868 416500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A23SE (N)	904	1	394000 416500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17SW (NW)	910	1	393092 416000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (W)	914	1	392957 415585
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A3NE (S)	917	1	394070 414353
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A3NE (S)	917	1	394059 414350
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A19SE (NE)	921	1	394765 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A23SE (N)	923	1	394124 416500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A15NW (E)	942	1	394896 415543

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A23SW (N)	948	1	393856 416545
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2NE (S)	965	1	393500 414330
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A3NE (S)	977	1	394000 414279
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	983	1	394837 415994
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	986	1	394838 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A24SW (N)	986	1	394324 416500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A2NE (S)	988	1	393500 414305
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19SE (NE)	990	1	394842 416000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (W)	993	1	392904 415686
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A15SW (E)	999	1	394893 415093
259	BGS Recorded Mineral Sites Site Name: Hollingworth Location: Hollingworth, Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96219 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	359	1	393459 415159
260	BGS Recorded Mineral Sites Site Name: Bear Hill House Quarry Location: Rakewood, Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 242091 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	423	1	394168 414941

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
261	BGS Recorded Mineral Sites Site Name: Clough Field Location: Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96207 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	540	1	393412 415812
262	BGS Recorded Mineral Sites Site Name: Black Nursery Location: Rakewood, Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96220 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SW (S)	548	1	393809 414693
263	BGS Recorded Mineral Sites Site Name: Whittaker Quarry Location: Whittaker, Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96206 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woodhead Hill Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	577	1	394523 415557
264	BGS Recorded Mineral Sites Site Name: Turnough Hill Quarries Location: Rakewood, Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 242092 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SW (S)	604	1	393856 414638
265	BGS Recorded Mineral Sites Site Name: Whittaker Quarry Location: Whittaker, Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96205 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woodhead Hill Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	676	1	394536 415909
266	BGS Recorded Mineral Sites Site Name: Brown Brow Hill Location: Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96208 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	785	1	393072 415521

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
267	BGS Recorded Mineral Sites Site Name: Higher Fold Location: Rakewood, Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96221 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Milnrow Sandstone Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	801	1	394425 414664
268	BGS Recorded Mineral Sites Site Name: Whittaker Colliery Pit Location: Whittaker, Littleborough, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 263923 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NE (E)	867	1	394813 415565
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SE (W)	0	7	393884 415412
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (W)	0	-	393884 415412
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	393884 415412
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	42	1	393968 415402
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	209	1	394121 415231
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	241	1	393884 415000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	243	1	393783 415000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	393884 415412
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	44	1	393975 415292
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	96	1	394029 415269
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	101	1	393930 415166

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	209	1	394121 415231
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	241	1	393884 415000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	243	1	393783 415000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	393884 415412
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	241	1	393884 415000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	393884 415412
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	8	1	393925 415413
	Potential for Landslide Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	39	1	393976 415387
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	41	1	393990 415488
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	42	1	393968 415402
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	54	1	393749 415298
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	80	1	394032 415370
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	96	1	394029 415269
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	241	1	393884 415000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	241	1	393655 415443
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	250	1	393658 415656
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	393884 415412
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	33	1	393975 415292
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	96	1	394029 415269
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	101	1	393930 415166
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	241	1	393884 415000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	243	1	393783 415000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	393884 415412
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	7	1	393919 415414
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	108	1	394035 415348
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	192	1	393599 415341
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	241	1	393884 415000
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	393900 415412
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	393884 415412
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	393900 415412
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	393884 415412

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
269	Contemporary Trade Directory Entries Name: Lake Garage (Smithybridge) Ltd Location: 69, Lake Bank, Littleborough, Lancashire, OL15 0DN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	400	-	393421 415140
270	Contemporary Trade Directory Entries Name: Akzo Nobel Chemicals Ltd Location: Hollingworth Road, Littleborough, Lancashire, OL15 0BA Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	405	-	393525 415737
271	Contemporary Trade Directory Entries Name: Hollingworth Lake Rowing Club Location: Lake Bank, Littleborough, Lancashire, OL15 0DQ Classification: Boatbuilders & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	498	-	393377 414995
272	Contemporary Trade Directory Entries Name: M E White Location: 10, Higher Cleggswood Avenue, Littleborough, Lancashire, OL15 0DJ Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	500	-	393313 415173
273	Contemporary Trade Directory Entries Name: The Ironing Lady Location: 15, Lake Bank, Littleborough, Lancashire, OL15 0DQ Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	591	-	393281 414978
274	Contemporary Trade Directory Entries Name: M S B Cladding Ltd Location: 64, Riverstone Bridge, Littleborough, Lancashire, OL15 8JF Classification: Cladding Suppliers & Installers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	622	-	393620 416144
275	Contemporary Trade Directory Entries Name: Roses Venetian Blind Centre Location: 14, Highlands, Littleborough, Lancashire, OL15 0DS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	654	-	393158 415331
276	Contemporary Trade Directory Entries Name: Canal Street Garage Location: Canal Street, Littleborough, Lancashire, OL15 0HA Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	674	-	393938 416273
277	Contemporary Trade Directory Entries Name: Advance Machine Tool Systems Location: Brookfield, Canal Street, Littleborough, Lancashire, OL15 0HA Classification: Machine Tools - Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	694	-	393997 416290
277	Contemporary Trade Directory Entries Name: Greenwood Bros Location: Canal Street, Littleborough, Lancashire, OL15 0HA Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	694	-	393997 416290
278	Contemporary Trade Directory Entries Name: Littleborough Sheet Metal Ltd Location: 14, Charles Street, Littleborough, Lancashire, OL15 8HH Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	743	-	393444 416168
278	Contemporary Trade Directory Entries Name: D Lorimer Location: 16, Charles Street, Littleborough, Lancashire, OL15 8HH Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	743	-	393444 416168

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
279	Contemporary Trade Directory Entries Name: Arrow Pest Management Location: 37, WOOD BANK ROAD, LITTLEBOROUGH, OL15 0DR Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	752	-	393056 415276
279	Contemporary Trade Directory Entries Name: Active Stairlift Ltd Location: 60, Bridge Bank Road, Littleborough, Lancashire, OL15 8QU Classification: Stairlifts - Manufacturers & Installers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	774	-	393034 415272
280	Contemporary Trade Directory Entries Name: H K C Location: James Hill Street, Littleborough, Lancashire, OL15 8AE Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	764	-	393690 416328
280	Contemporary Trade Directory Entries Name: Fit Equip Location: Golden Works, James Hill St, Littleborough, Lancashire, OL15 8AE Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	764	-	393690 416328
280	Contemporary Trade Directory Entries Name: D D L Textile Engineers Location: James Hill Street, Littleborough, Lancashire, OL15 8AE Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	765	-	393690 416328
280	Contemporary Trade Directory Entries Name: Apex Hardware Location: 2, Queens Road, Littleborough, OL15 8AX Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	769	-	393679 416329
280	Contemporary Trade Directory Entries Name: Littleborough Service Station Location: 71, Church Street, Littleborough, Lancashire, OL15 8AB Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	779	-	393652 416331
280	Contemporary Trade Directory Entries Name: A P L Cleaning Ltd Location: 69a, Church Street, Littleborough, OL15 8AB Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	781	-	393658 416335
280	Contemporary Trade Directory Entries Name: Carole'S Clean Shop Location: 59, Church Street, Littleborough, Lancashire, OL15 8AB Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	784	-	393675 416343
281	Contemporary Trade Directory Entries Name: Queens Rd Garage Location: 1, Queens Road, Littleborough, Lancashire, OL15 8AX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	766	-	393624 416306
282	Contemporary Trade Directory Entries Name: Texaco Location: Church Street, Littleborough, OL15 8AB Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	792	-	393451 416236
283	Contemporary Trade Directory Entries Name: Aaa Pest Control Services Location: Seed Hill Chambers, 38, Church Street, Littleborough, OL15 9AA Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	813	-	393730 416390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
283	Contemporary Trade Directory Entries Name: Rexco Launderette Location: 37, Victoria Street, Littleborough, Lancashire, OL15 8BA Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	836	-	393738 416415
284	Contemporary Trade Directory Entries Name: Solvair Location: Littleborough, Lancashire, OL15 9as Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	822	-	393960 416421
284	Contemporary Trade Directory Entries Name: Ebor Motors Location: Ebor Garage, Ebor Street, Littleborough, Lancashire, OL15 9AS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	822	-	393960 416421
284	Contemporary Trade Directory Entries Name: Littleborough Joinery Manufacturing Co Ltd Location: Ebor Street, Littleborough, Lancashire, OL15 9AS Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	822	-	393960 416421
284	Contemporary Trade Directory Entries Name: Alan Bush Location: Todmorden Rd, Littleborough, Lancashire, OL15 9EG Classification: Refrigeration Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A23SE (N)	855	-	393936 416455
285	Contemporary Trade Directory Entries Name: Mikrospin Location: Mikrospin House, William Street, Littleborough, Lancashire, OL15 8JP Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	848	-	393276 416149
285	Contemporary Trade Directory Entries Name: Mikrospin Ltd Location: Mikrospin House, William Street, Littleborough, Lancashire, OL15 8JP Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	848	-	393276 416149
285	Contemporary Trade Directory Entries Name: Cjc Location: Butterworth St, Littleborough, Lancashire, OL15 8JS Classification: PVC-U Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17NE (NW)	870	-	393246 416148
285	Contemporary Trade Directory Entries Name: V-Plas Location: Butterworth St, Littleborough, Lancashire, OL15 8JS Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17NE (NW)	872	-	393246 416150
285	Contemporary Trade Directory Entries Name: Falcon Reclamation Service Location: Butterworth St, Littleborough, Lancashire, OL15 8JS Classification: Reclamation Centres Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	880	-	393234 416149
286	Contemporary Trade Directory Entries Name: Graham'S Location: Unit 3 Brown St, Littleborough, Lancashire, OL15 8BW Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	859	-	393571 416384
287	Contemporary Trade Directory Entries Name: Ranch House Steaks Location: 44, Victoria Street, Littleborough, Lancashire, OL15 9DB Classification: Meat Product Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	863	-	393723 416439

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
287	Contemporary Trade Directory Entries Name: Bamford Dry Cleaners Location: 13, Hare Hill Road, Littleborough, Lancashire, OL15 9AD Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	866	-	393671 416428
287	Contemporary Trade Directory Entries Name: Animal & Angling Supplies Location: Rear of 42, Victoria Street, Littleborough, Lancashire, OL15 9DB Classification: Pet Foods & Animal Feeds Status: Active Positional Accuracy: Automatically positioned to the address	A23SW (N)	878	-	393733 416457
287	Contemporary Trade Directory Entries Name: D K Motors Location: Rear of 22, Hare Hill Road, Littleborough, OL15 9BA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	886	-	393699 416457
287	Contemporary Trade Directory Entries Name: A Lockett & Sons Location: 30, Hare Hill Road, Littleborough, Lancashire, OL15 9BA Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A23SW (N)	901	-	393670 416464
288	Contemporary Trade Directory Entries Name: Breda Garage Location: Albert Street, Littleborough, OL15 8BS Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	865	-	393491 416350
289	Contemporary Trade Directory Entries Name: Belden Location: Stockton Street, Littleborough, Lancashire, OL15 8YJ Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	868	-	393344 416247
290	Contemporary Trade Directory Entries Name: Air Fabrications Ltd Location: Ebor Street, Littleborough, Lancashire, OL15 9AS Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SE (N)	870	-	393990 416467
290	Contemporary Trade Directory Entries Name: G J M Engineering Location: Unit 1 Ebor Street, Littleborough, Lancashire, OL15 9AS Classification: Press Tool Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A23SE (N)	870	-	393990 416467
291	Contemporary Trade Directory Entries Name: Falcon Trunking Systems Ltd Location: Butterworth Street, Littleborough, Lancashire, OL15 8JS Classification: Plastics - Extrusion Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	871	-	393183 416071
291	Contemporary Trade Directory Entries Name: Mayplas Ltd Location: Butterworth Street, Littleborough, Lancashire, OL15 8JS Classification: Insulation Materials Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	871	-	393183 416071
291	Contemporary Trade Directory Entries Name: J Priestley & Son Location: William Street, Littleborough, Lancashire, OL15 8JP Classification: Woodworking Machinery Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NW (NW)	900	-	393180 416114
292	Contemporary Trade Directory Entries Name: Lakeside Environmental Waste Water Solutions Location: 19, Milnrow Road, Littleborough, OL15 0BS Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	876	-	393040 414823

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
293	Contemporary Trade Directory Entries Name: Victoria Garage Location: Halifax Road, Littleborough, OL15 0HB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A23SE (N)	886	-	394149 416456
293	Contemporary Trade Directory Entries Name: Texaco Location: Halifax Road, Littleborough, Lancashire, OL15 0HL Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A23SE (N)	893	-	394131 416468
294	Contemporary Trade Directory Entries Name: Olivers Blinds Location: Old Lodge Inn, Rakewood Road, Littleborough, Lancashire, OL15 0AL Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	902	-	394307 414459
295	Contemporary Trade Directory Entries Name: Pennine Hardware Ltd Location: Unit 3, Regent Works, Brown Street, Littleborough, OL15 8BW Classification: Reclamation Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	912	-	393525 416421
295	Contemporary Trade Directory Entries Name: C K C Autobodies Location: Unit 4, Regent Works, Regent Street, Littleborough, Lancashire, OL15 8BH Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	912	-	393525 416421
295	Contemporary Trade Directory Entries Name: P G Toolmaker Ltd Location: UNIT 3, REGENT WORKS, BROWN STREET, LITTLEBOROUGH, OL15 8BW Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	912	-	393525 416421
295	Contemporary Trade Directory Entries Name: Zip Lines For Sale Location: UNIT 3, REGENT WORKS, BROWN STREET, LITTLEBOROUGH, OL15 8BW Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	912	-	393525 416421
296	Contemporary Trade Directory Entries Name: Scratchworks Location: 7, Mill Fold Gardens, Littleborough, Lancashire, OL15 8SA Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	921	-	393023 415871
297	Contemporary Trade Directory Entries Name: Mobilmech Location: 71, Brown Lodge Drive, Littleborough, Lancashire, OL15 0ET Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	926	-	392885 415331
298	Contemporary Trade Directory Entries Name: Anderson Presswork Location: Ending Rake Works, Duke Street, Littleborough, Lancashire, OL15 8DL Classification: Metal Workers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	929	-	393210 416197
299	Contemporary Trade Directory Entries Name: A1 Mobile Industrial Domestic Surface Cleaners Location: 3, Binns Terrace, Littleborough, Lancashire, OL15 9BH Classification: Blast Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	932	-	393763 416518

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
299	Contemporary Trade Directory Entries Name: Mobile Industrial Domestic Surface Cleaners Location: 3, Binns Terrace, Littleborough, Lancashire, OL15 9BH Classification: Blast Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	932	-	393763 416518
299	Contemporary Trade Directory Entries Name: Zip Lines For Sale Location: 16, Barehill Street, Littleborough, OL15 9BL Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	933	-	393730 416513
300	Contemporary Trade Directory Entries Name: Stephen Graham Sales Ltd Location: Unit 3a-3b Stockton Street, Littleborough, Lancashire, OL15 8YJ Classification: Hardware Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	932	-	393329 416318
300	Contemporary Trade Directory Entries Name: Carlisle Location: Stockton Street, Littleborough, OL15 8YJ Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (NW)	932	-	393329 416318
301	Contemporary Trade Directory Entries Name: Apl Cleaning Limited Location: 33a, Hare Hill Road, Littleborough, OL15 9AD Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	934	-	393621 416484
302	Contemporary Trade Directory Entries Name: Avalon Textiles (Cmt) Location: Litho House, Barehill Street, Littleborough, Lancashire, OL15 9BL Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	938	-	393673 416504
303	Contemporary Trade Directory Entries Name: Phoenix Precision Ltd Location: Phoenix Iron Works, Newall Street, Littleborough, Lancashire, OL15 9DL Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A23SE (N)	964	-	393877 416563
304	Contemporary Trade Directory Entries Name: Jackdaw Polymers Ltd Location: Stockton Street, Littleborough, Lancashire, OL15 8YJ Classification: Plastics - Raw Materials Status: Inactive Positional Accuracy: Automatically positioned to the address	A22SE (NW)	980	-	393426 416445
305	Contemporary Trade Directory Entries Name: Pressing Matters Location: 1, Edward Avenue, Littleborough, Lancashire, OL15 8QW Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (W)	988	-	392821 415178
306	Contemporary Trade Directory Entries Name: Harris Associates Ltd Location: 22, Laurels Drive, Littleborough, OL15 0DU Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A6NE (W)	989	-	392843 415024
307	Contemporary Trade Directory Entries Name: G N G Foam Converters Lancs Ltd Location: Todmorden Road, LITTLEBOROUGH, Lancashire, OL15 9EG Classification: Foam Products - Rubber & Plastics Status: Active Positional Accuracy: Automatically positioned to the address	A23SE (N)	994	-	394077 416582

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
308	Fuel Station Entries Name: Mfg Littleborough Location: Church Street , , Littleborough, Greater Manchester, OL15 8JA Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	793	-	393449 416236
309	Points of Interest - Commercial Services Name: Lake Garage (Smithybridge) Ltd Location: 69 Lake Bank, Littleborough, OL15 0DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	400	8	393421 415140
309	Points of Interest - Commercial Services Name: Lake Garage Smithybridge Ltd Location: 69 Lake Bank, Littleborough, OL15 0DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	400	8	393421 415140
310	Points of Interest - Commercial Services Name: Greenwood Bros Location: Canal Street, Littleborough, OL15 0HA Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	694	8	393997 416290
310	Points of Interest - Commercial Services Name: Stanton Motor Garage Location: Brookfield Mill, Canal Street, Littleborough, OL15 0HA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	706	8	393962 416305
311	Points of Interest - Commercial Services Name: Arrow Pest Management Location: 37 Wood Bank Road, Littleborough, OL15 0DR Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12SW (W)	752	8	393056 415276
312	Points of Interest - Commercial Services Name: Queens Road Garage Location: 1 Queens Road, Littleborough, OL15 8AX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	766	8	393624 416306
313	Points of Interest - Commercial Services Name: Mfg Littleborough Location: Church Street, Littleborough, Lancashire, OL15 8JA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17NE (NW)	793	8	393449 416236
313	Points of Interest - Commercial Services Name: Car Wash Location: Church Street, Littleborough, OL15 8JA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17NE (NW)	793	8	393449 416236
313	Points of Interest - Commercial Services Name: IMO - arc Clean Car Centres Location: Anduff Car Wash Ltd, Church Street, Littleborough, OL15 8AA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A17NE (NW)	820	8	393434 416259
314	Points of Interest - Commercial Services Name: Lake Garage Location: Smithy Bridge Road, Littleborough, OL15 0BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	814	8	393032 414998
314	Points of Interest - Commercial Services Name: E K Motor Vehicle Testing Station Location: Smithy Bridge Road, Littleborough, OL15 0BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	814	8	393032 414998

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
315	Points of Interest - Commercial Services Name: Aaa Pest Control Services Location: 38a Church Street, Littleborough, OL15 9AA Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A18NW (N)	814	8	393730 416390
315	Points of Interest - Commercial Services Name: D K Motors Location: Rear Of 22, Hare Hill Road, Littleborough, OL15 9BA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A23SW (N)	886	8	393699 416457
315	Points of Interest - Commercial Services Name: D K Motors Location: The Workshop Dk Motors Rear of 22, Hare Hill Road, Littleborough, OL15 9BA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A23SW (N)	886	8	393699 416457
316	Points of Interest - Commercial Services Name: D S Motors Location: Unit 1, Ebor Street, Littleborough, Lancashire, OL15 9AS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	821	8	393960 416420
316	Points of Interest - Commercial Services Name: D S Motors Location: Ebor Garage, Ebor Street, Littleborough, OL15 9AS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	822	8	393960 416421
316	Points of Interest - Commercial Services Name: Air Fabrications Ltd Location: Ebor Street, Littleborough, OL15 9AS Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A23SE (N)	870	8	393990 416467
316	Points of Interest - Commercial Services Name: Air Fabrications Ltd Location: Ebor Street, Littleborough, OL15 9AS Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A23SE (N)	870	8	393990 416467
317	Points of Interest - Commercial Services Name: Breda Garage Location: Albert Street, Littleborough, OL15 8BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	865	8	393491 416350
317	Points of Interest - Commercial Services Name: Breda Garage Location: Albert Street, Littleborough, OL15 8BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17NE (NW)	866	8	393491 416350
318	Points of Interest - Commercial Services Name: Victoria Location: Halifax Road, Littleborough, OL15 0HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A23SE (N)	886	8	394149 416456
318	Points of Interest - Commercial Services Name: Victoria Garage Location: Halifax Road, Littleborough, OL15 0HB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A23SE (N)	886	8	394149 416456
319	Points of Interest - Commercial Services Name: Scratchworks Location: 7 Mill Fold Gardens, Littleborough, OL15 8SA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	921	8	393023 415871

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
319	Points of Interest - Commercial Services Name: Scratchworks Location: 7 Mill Fold Gardens, Littleborough, OL15 8SA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	921	8	393023 415871
320	Points of Interest - Commercial Services Name: Anderson Presswork Location: Ending Rake Works, Duke Street, Littleborough, OL15 8DL Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A17NE (NW)	930	8	393210 416197
321	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	107	8	393793 415400
322	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	117	8	393917 415717
323	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	417	8	393525 415764
324	Points of Interest - Manufacturing and Production Name: Old Shaft Location: OL15 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	423	8	393709 415965
324	Points of Interest - Manufacturing and Production Name: Old Shaft Location: OL15 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18SW (N)	427	8	393710 415970
325	Points of Interest - Manufacturing and Production Name: Tanks Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	491	8	393434 415743
325	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	491	8	393414 415683
325	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	499	8	393404 415676
325	Points of Interest - Manufacturing and Production Name: Tanks Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	508	8	393407 415718
325	Points of Interest - Manufacturing and Production Name: Tanks Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	523	8	393372 415632

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
325	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	539	8	393367 415691
325	Points of Interest - Manufacturing and Production Name: Tanks Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	591	8	393327 415741
325	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	618	8	393289 415707
326	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	493	8	394333 415031
327	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	573	8	393319 415606
327	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	620	8	393271 415595
328	Points of Interest - Manufacturing and Production Name: Tanks Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	631	8	393263 415637
328	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	655	8	393254 415717
328	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	673	8	393232 415705
328	Points of Interest - Manufacturing and Production Name: Tanks Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	691	8	393210 415682
328	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12NW (W)	703	8	393195 415670
328	Points of Interest - Manufacturing and Production Name: Tanks Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	703	8	393195 415670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
329	Points of Interest - Manufacturing and Production Name: L Coupe Location: Brearley Farm, Rakewood Road, Littleborough, OL15 0AG Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A14SE (E)	655	8	394575 415333
330	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	665	8	393940 416264
330	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	687	8	393986 416284
330	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	689	8	393928 416289
330	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NE (N)	689	8	393990 416285
330	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	689	8	393928 416289
330	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	703	8	394001 416298
330	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	715	8	394014 416309
330	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	720	8	393946 416319
330	Points of Interest - Manufacturing and Production Name: Ealees Brook Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	726	8	393946 416325
331	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NW (N)	695	8	393626 416229
331	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	698	8	393630 416234

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
332	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	757	8	393684 416318
332	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	758	8	393684 416319
333	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	791	8	393378 416174
334	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	826	8	393275 416113
334	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17NE (NW)	830	8	393271 416115
334	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	848	8	393273 416145
334	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17NE (NW)	848	8	393275 416147
334	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	924	8	393213 416192
334	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17NE (NW)	927	8	393211 416194
335	Points of Interest - Manufacturing and Production Name: Tank Location: OL15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	827	8	394150 416395
336	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	828	8	393469 416293
336	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17NE (NW)	838	8	393466 416303

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
336	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17NE (NW)	898	8	393445 416360
336	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	899	8	393442 416360
336	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17NE (NW)	937	8	393371 416358
336	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	938	8	393366 416355
336	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A22SE (NW)	978	8	393426 416443
336	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A22SE (NW)	978	8	393426 416443
337	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NE (N)	832	8	393968 416430
337	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	837	8	393969 416435
337	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	883	8	393995 416480
337	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	883	8	393995 416480
337	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	898	8	394009 416493
338	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	833	8	393234 416075

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
338	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17SE (NW)	837	8	393232 416079
338	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17SE (NW)	853	8	393206 416072
338	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	876	8	393174 416067
338	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	876	8	393174 416067
338	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NW (NW)	898	8	393178 416108
338	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17NW (NW)	899	8	393179 416112
339	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (N)	906	8	393526 416415
340	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	925	8	393325 416306
340	Points of Interest - Manufacturing and Production Name: Works Location: OL15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A17NE (NW)	927	8	393326 416310
341	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A23SE (N)	996	8	393891 416595
342	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	232	8	394063 415103
343	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	551	8	394424 415854

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
343	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	604	8	394451 415911
343	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	608	8	394457 415909
344	Points of Interest - Public Infrastructure Name: Littleborough Rail Station Location: Station Road, OL15 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18NW (N)	688	8	393840 416283
344	Points of Interest - Public Infrastructure Name: Littleborough Station Location: Station Road, OL15 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18NW (N)	688	8	393840 416283
345	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SE (SE)	699	8	394207 414636
345	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SE (SE)	701	8	394212 414636
345	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	765	8	394251 414584
345	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	769	8	394255 414582
346	Points of Interest - Public Infrastructure Name: Sluice Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	738	8	394210 416279
347	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	744	8	393405 416134
348	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	768	8	394422 416182
348	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	770	8	394425 416182

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
349	Points of Interest - Public Infrastructure Name: Murco Petroleum Location: Church Street, Littleborough, OL15 8JA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	793	8	393449 416236
349	Points of Interest - Public Infrastructure Name: Littleborough Service Station Location: Church Street, Littleborough, OL15 8JA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	793	8	393449 416236
349	Points of Interest - Public Infrastructure Name: Texaco Location: Littleborough Service Station, Church Street, Littleborough, OL15 8JA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	793	8	393449 416236
349	Points of Interest - Public Infrastructure Name: Supermart Littleborough Location: Church Street, Littleborough, OL15 8JA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	793	8	393449 416236
349	Points of Interest - Public Infrastructure Name: Petrol Express Littleborough Location: Church Street, Littleborough, Lancashire, OL15 8JA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	793	8	393449 416236
350	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	879	8	393047 415812
350	Points of Interest - Public Infrastructure Name: Weir Location: OL15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	882	8	393045 415813
351	Points of Interest - Public Infrastructure Name: Littleborough Police Station Location: Police Station, Featherstall Road, Littleborough, OL15 8DH Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A17NE (NW)	883	8	393290 416216
352	Points of Interest - Public Infrastructure Name: Texaco Location: Halifax Road, Littleborough, OL15 0HL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A23SE (N)	886	8	394146 416457
353	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	531	8	393813 414710
353	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Rakewood Road, OL15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	531	8	393813 414710
354	Points of Interest - Recreational and Environmental Name: Picnic Area Location: Rakewood Road, OL15 Category: Recreational Class Code: Picnic Areas Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	742	8	394224 414596

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
354	Points of Interest - Recreational and Environmental Name: Picnic Area Location: OL15 Category: Recreational Class Code: Picnic Areas Positional Accuracy: Positioned to an adjacent address or location	A9SW (S)	743	8	394219 414592
355	Points of Interest - Recreational and Environmental Name: Play Area Location: OL15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	751	8	393069 415109

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
356	Ancient Woodland Name: Ealees Wood Reference: 1121208 Area(m²): 27814.16 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	722	9	394537 415994
357	Areas of Adopted Green Belt Authority: Rochdale Metropolitan Borough Council Plan Name: Rochdale Unitary Development Plan Status: Adopted Plan Date: 30th June 2006	A13SE (W)	0	10	393884 415412
358	Sites of Special Scientific Interest Name: Rochdale Canal Multiple Areas: Y Total Area (m2): 263678.3 Source: Natural England Reference: 2000430 Designation Details: Special Area Of Conservation Designation Date: 16th August 2000 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 16th August 2000 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 16th August 2000 Date Type: Notified	A17SE (NW)	522	9	393454 415860
359	Sites of Special Scientific Interest Name: South Pennine Moors Multiple Areas: Y Total Area (m2): 209444489.09 Source: Natural England Reference: 1007196 Designation Details: Scheduled Ancient Monument Designation Date: 26th September 1994 Date Type: Notified Designation Details: Environmentally Sensitive Area Designation Date: 26th September 1994 Date Type: Notified Designation Details: Geological Conservation Review Designation Date: 26th September 1994 Date Type: Notified Designation Details: National Trust Reserve Designation Date: 26th September 1994 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 26th September 1994 Date Type: Notified Designation Details: Special Protection Area Designation Date: 26th September 1994 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 26th September 1994 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 26th September 1994 Date Type: Notified	A14SE (E)	869	9	394774 415156
360	Special Areas of Conservation Name: Rochdale Canal Multiple Areas: Y Total Area (m2): 261103.36 Source: Natural England Reference: UK0030266 Status: Designated	A17SE (NW)	522	9	393454 415860
361	Special Areas of Conservation Name: South Pennine Moors Multiple Areas: Y Total Area (m2): 650255000.39 Source: Natural England Reference: UK0030280 Status: Designated	A14SE (E)	869	9	394774 415156
362	Special Protection Areas Name: South Pennine Moors Phase 2 Multiple Areas: Y Total Area (m2): 209444973.03 Source: Natural England Reference: UK9007022 Designation Date: Not Supplied	A14SE (E)	869	9	394774 415156

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Oldham Metropolitan Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health Environment Agency - Head Office Kirklees Metropolitan Borough Council - Planning Services Rossendale Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department	December 2025 July 2025 November 2023 October 2017 October 2017 October 2025	Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annually
Discharge Consents Environment Agency - North East Region Environment Agency - North West Region	January 2026 January 2026	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region Environment Agency - North West Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - North East Region Environment Agency - North West Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - North East Region Environment Agency - North West Region	October 2025 October 2025	Bi-Annually Bi-Annually
Local Authority Integrated Pollution Prevention And Control Kirklees Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	January 2025 July 2014 March 2015 May 2016 October 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	December 2020 January 2025 July 2014 March 2015 May 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Kirklees Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	January 2025 July 2014 March 2015 May 2016 October 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2026	
Pollution Incidents to Controlled Waters Environment Agency - North East Region Environment Agency - North West Region	December 1998 January 2000	
Historical Prosecutions Environment Agency, North West Region	March 2013	Not Applicable
Prosecutions Environment Agency - Head Office	February 2024	Annually
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - North East Region Environment Agency - North West Region	May 2023 May 2023 May 2023	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register		
Environment Agency - North East Region - Ridings Area	July 2025	Quarterly
Environment Agency - North East Region - Yorkshire Area	July 2025	Quarterly
Environment Agency - North West Region - Central Area	July 2025	Quarterly
Environment Agency - North West Region - North Area	July 2025	Quarterly
Environment Agency - North West Region - South Area	July 2025	Quarterly
Water Abstractions		
Environment Agency - North East Region	January 2026	Quarterly
Environment Agency - North West Region	January 2026	Quarterly
Water Industry Act Referrals		
Environment Agency - North East Region	October 2017	
Environment Agency - North West Region	October 2017	
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified
Source Protection Zones		
Environment Agency - Head Office	August 2025	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	February 2023	
Flood Water Storage Areas		
Environment Agency - Head Office	June 2025	Quarterly
Flood Defences		
Environment Agency - Head Office	August 2022	
OS Water Network Lines		
Ordnance Survey	January 2026	Quarterly
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability		
Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment		
Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Groundwater		
Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Surface Waters		
Environment Agency - Head Office	July 2025	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	November 2025	Bi-Annually
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region Environment Agency - North West Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	November 2025 November 2025 November 2025 November 2025 November 2025	Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	October 2025 October 2025 October 2025 October 2025 October 2025	Bi-Annually Bi-Annually Bi-Annually Bi-Annually Bi-Annually
Local Authority Landfill Coverage Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services Lancashire County Council - Waste Management Group Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services Lancashire County Council - Waste Management Group Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2006 March 2006 March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	April 2018 April 2018 April 2018 April 2018 April 2018	

Waste	Version	Update Cycle
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	June 2015 June 2015 June 2015 June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	June 2025	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lancashire County Council Kirklees Metropolitan Borough Council - Planning Services Calderdale Metropolitan Borough Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	April 2023 August 2015 February 2016 February 2016 May 2023 May 2023	Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Lancashire County Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department Calderdale Metropolitan Borough Council Kirklees Metropolitan Borough Council - Planning Services	August 2022 August 2022 August 2022 August 2022 November 2022 September 2022	Variable Variable Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2025	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	November 2025	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2025	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	December 2025	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	November 2025	Quarterly
Points of Interest - Commercial Services PointX	March 2026	Quarterly
Points of Interest - Education and Health PointX	March 2026	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2026	Quarterly
Points of Interest - Public Infrastructure PointX	March 2026	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2026	Quarterly
Underground Electrical Cables National Grid	January 2024	

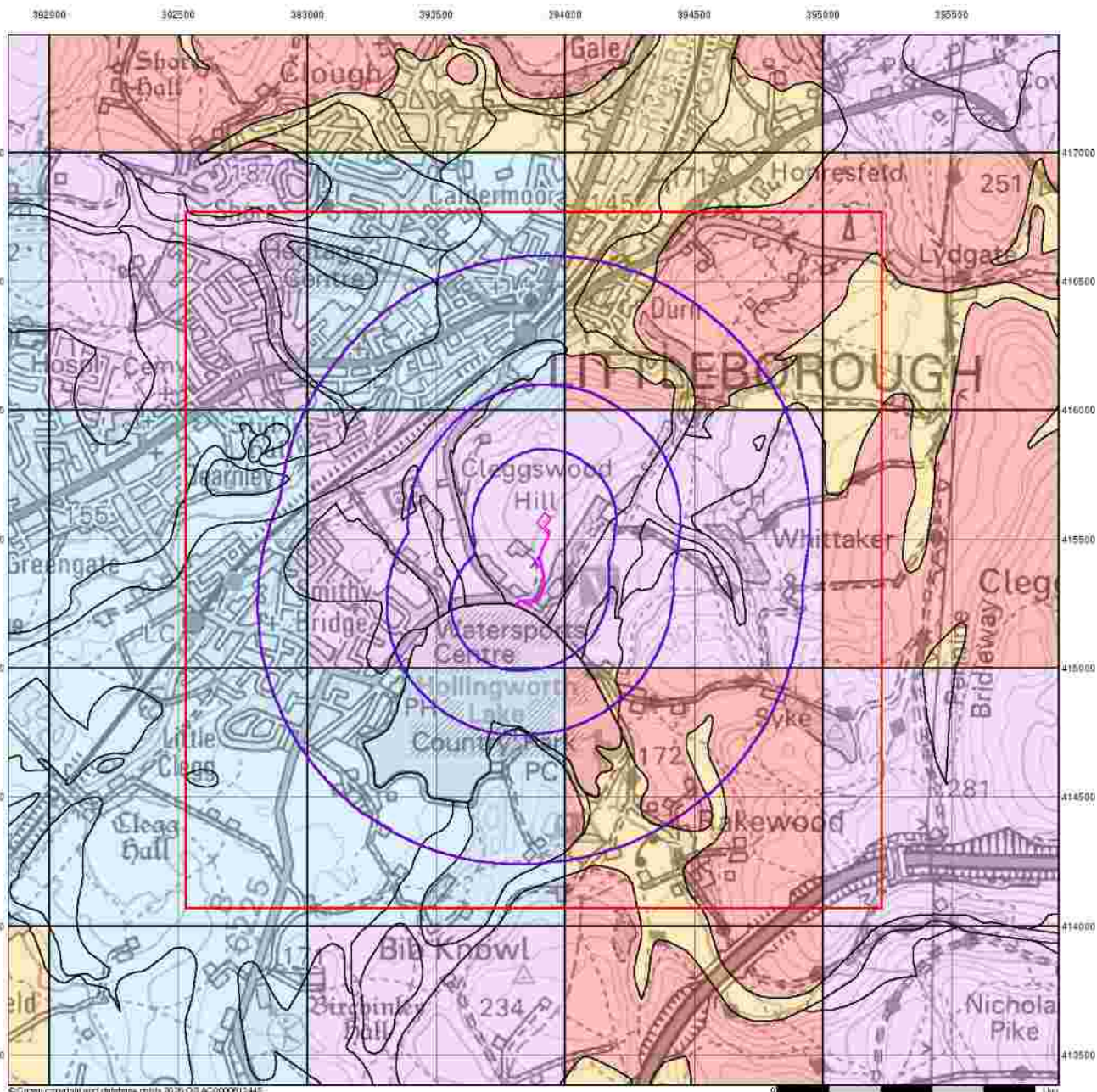
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	September 2025	Bi-Annually
Areas of Adopted Green Belt Calderdale Metropolitan Borough Council Kirklees Metropolitan Borough Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	July 2025 July 2025 July 2025 July 2025 July 2025	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Calderdale Metropolitan Borough Council Kirklees Metropolitan Borough Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	July 2025 July 2025 July 2025 July 2025 July 2025	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2025	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	January 2026	Bi-Annually
Marine Nature Reserves Natural England	February 2026	Bi-Annually
National Nature Reserves Natural England	January 2026	Bi-Annually
National Parks Natural England	September 2025	Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 February 2026	Annually
Ramsar Sites Natural England	February 2026	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2025	Bi-Annually
Special Areas of Conservation Natural England	January 2026	Bi-Annually
Special Protection Areas Natural England	November 2025	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Rochdale Metropolitan Borough Council - Environmental Health Department P O Box 32, Telegraph House, Ballie Street, Rochdale, Greater Manchester, OL16 1JH	Telephone: 01706 864139 Fax: 01706 864185 Website: www.rochdale.gov.uk
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
5	Health and Safety Executive 55.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
6	Rochdale Metropolitan Borough Council Municipal Offices, Smith Street, Rochdale, Greater Manchester, OL16 1XG	Telephone: 01706 647474 Fax: 01706 59475 Website: www.rochdale.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Rochdale Metropolitan Borough Council PO Box 15, Town Hall, Rochdale, Greater Manchester, OL16 1AB	Telephone: 01706 647474 Fax: 01706 59475 Website: www.rochdale.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.gov
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



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Groundwater Vulnerability

General

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

Agency and Hydrological

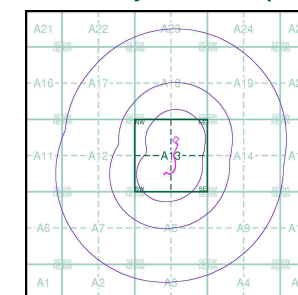
Bedrock Aquifers

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

Superficial Aquifers

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

Site Sensitivity Context Map - Slice A



Order Details

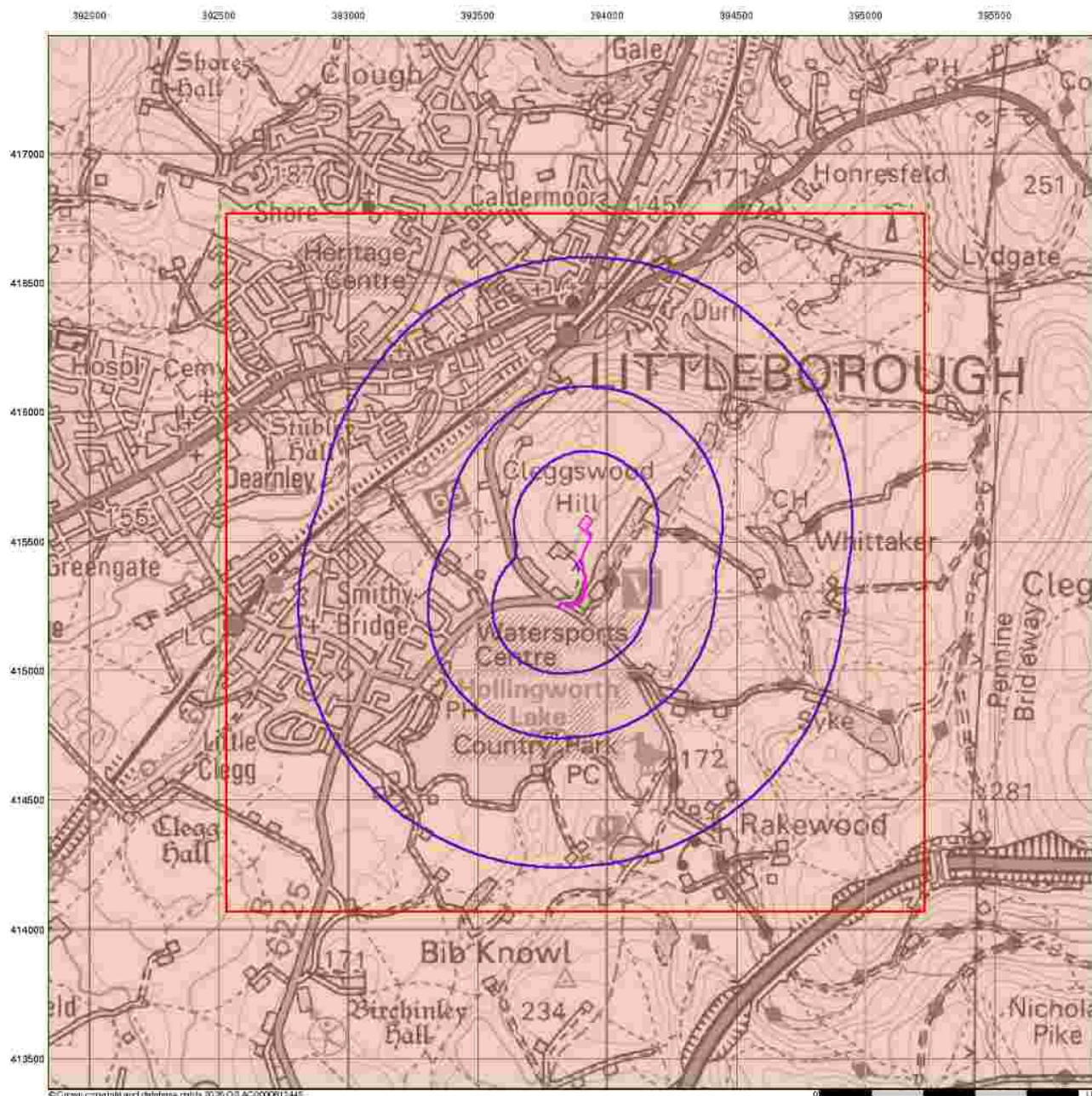
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570

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Bedrock Aquifer Designation

General

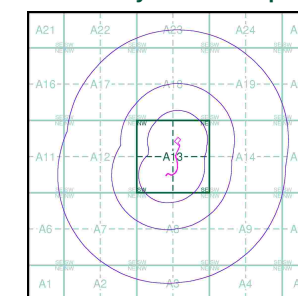
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Site
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

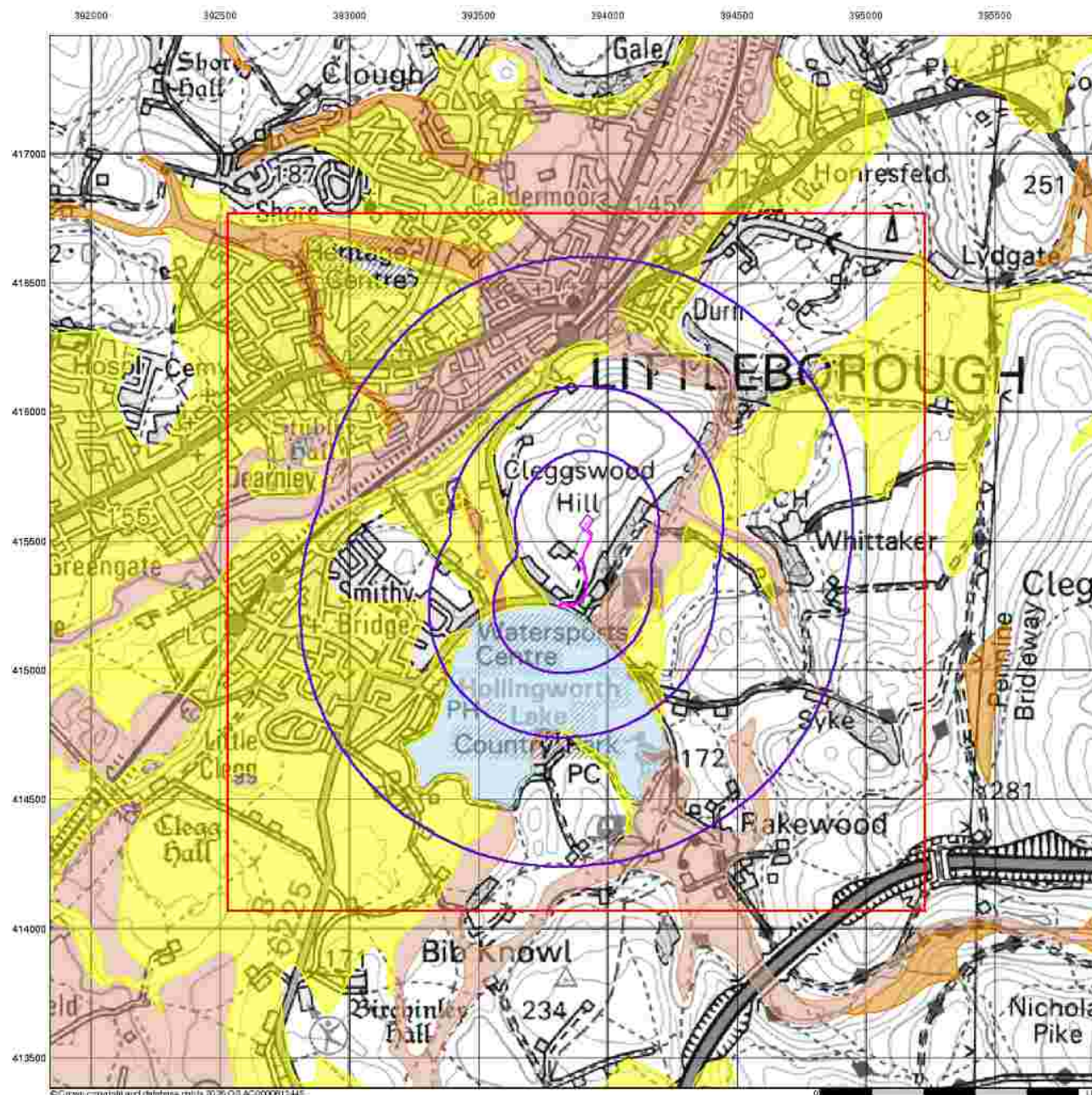
Order Number: 397350753_1_1
 Customer Ref: 4539
 National Grid Reference: 393880, 415410
 Slice: A
 Site Area (Ha): 0.36
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

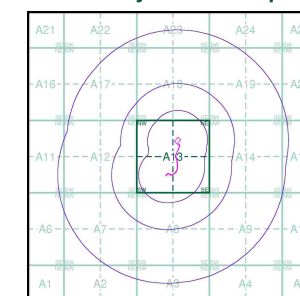
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Site
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

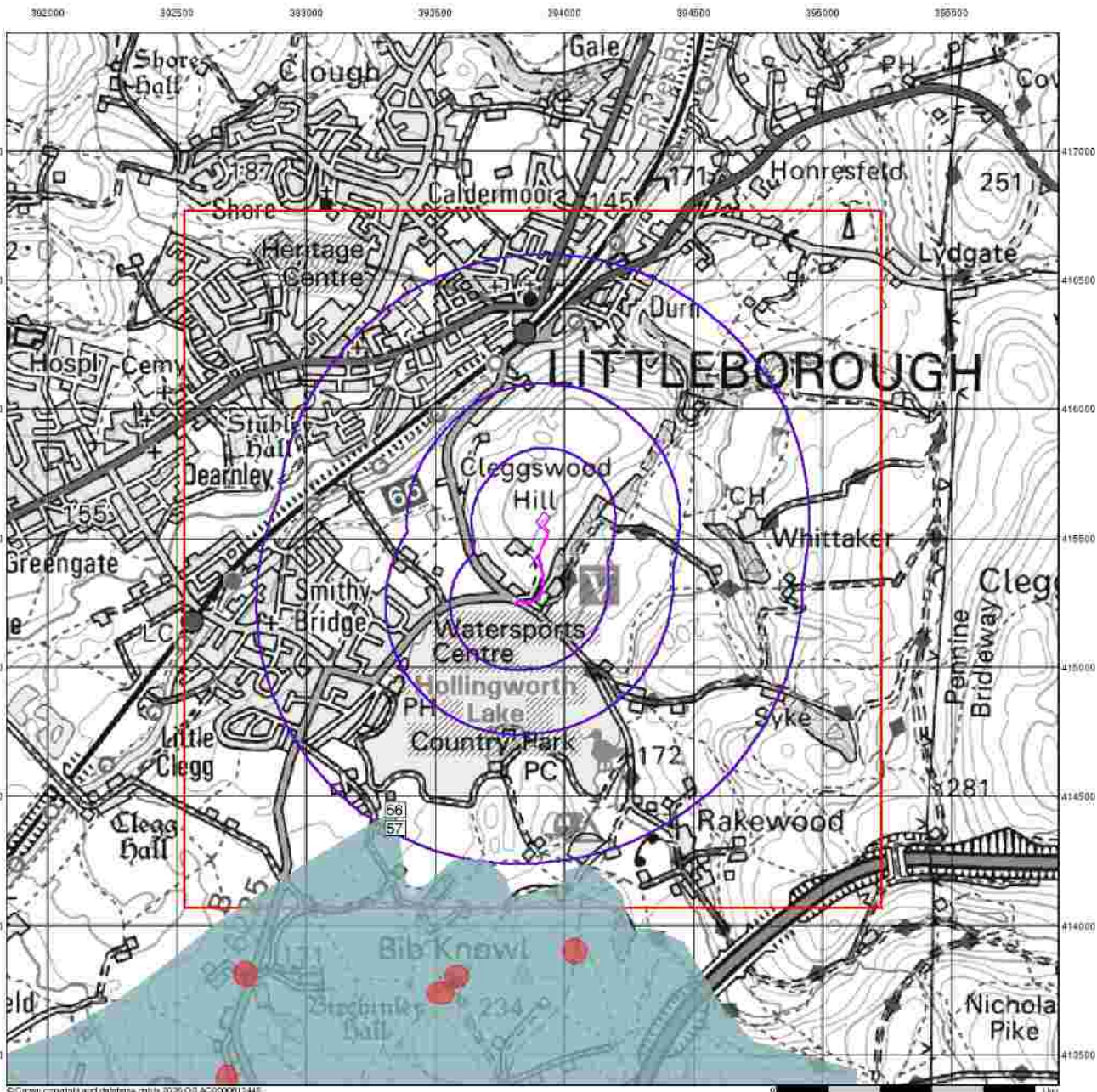
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 Site Area (Ha): 0.36
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Site Details

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Source Protection Zones

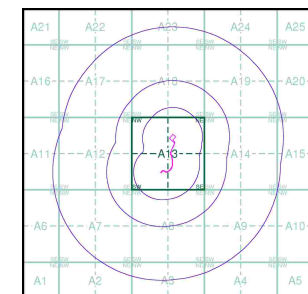
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

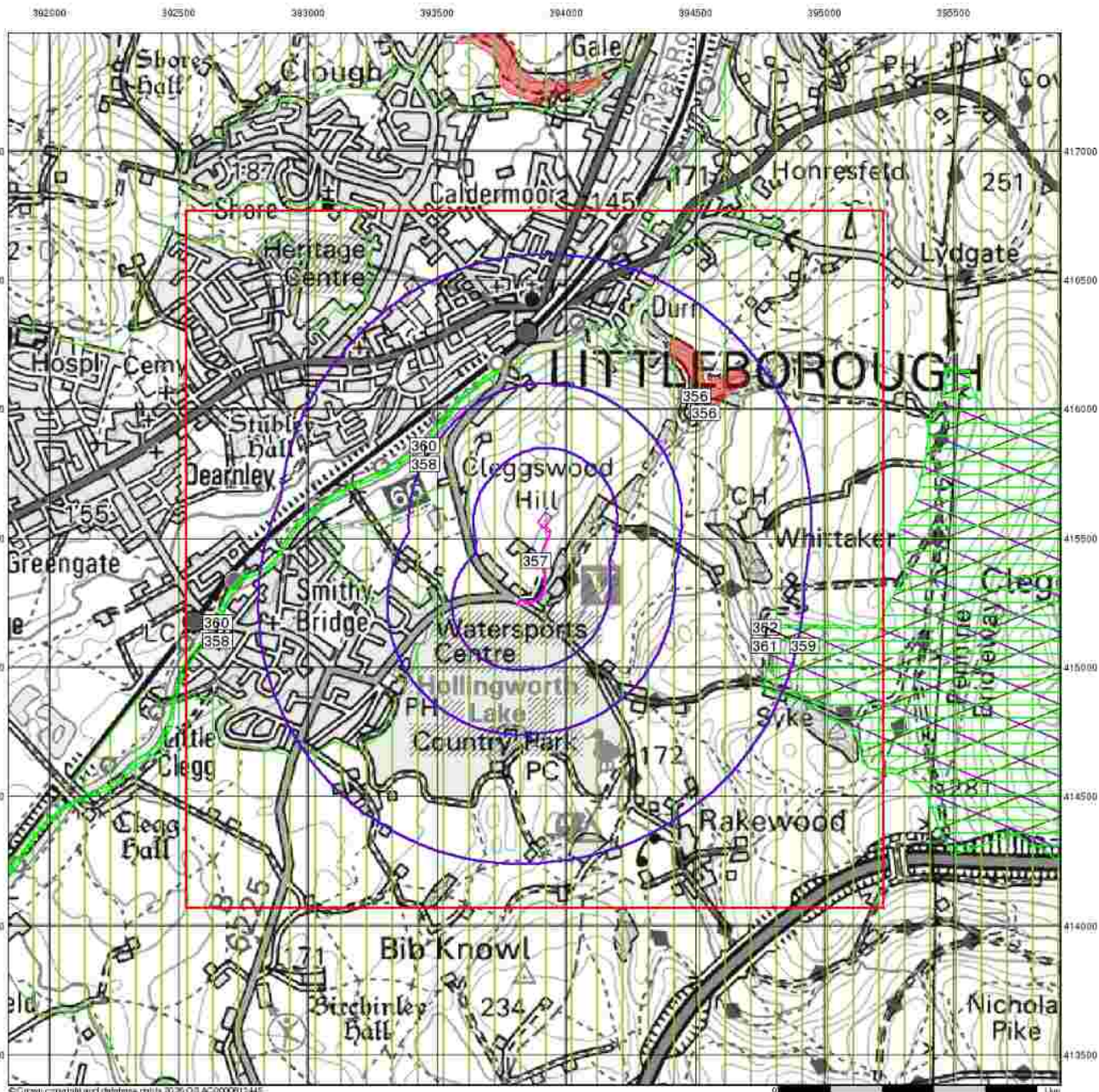
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Sensitive Land Uses

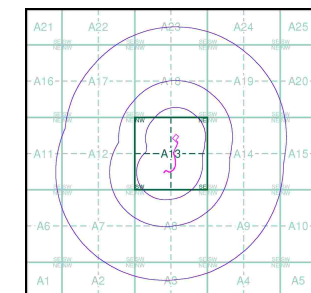
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

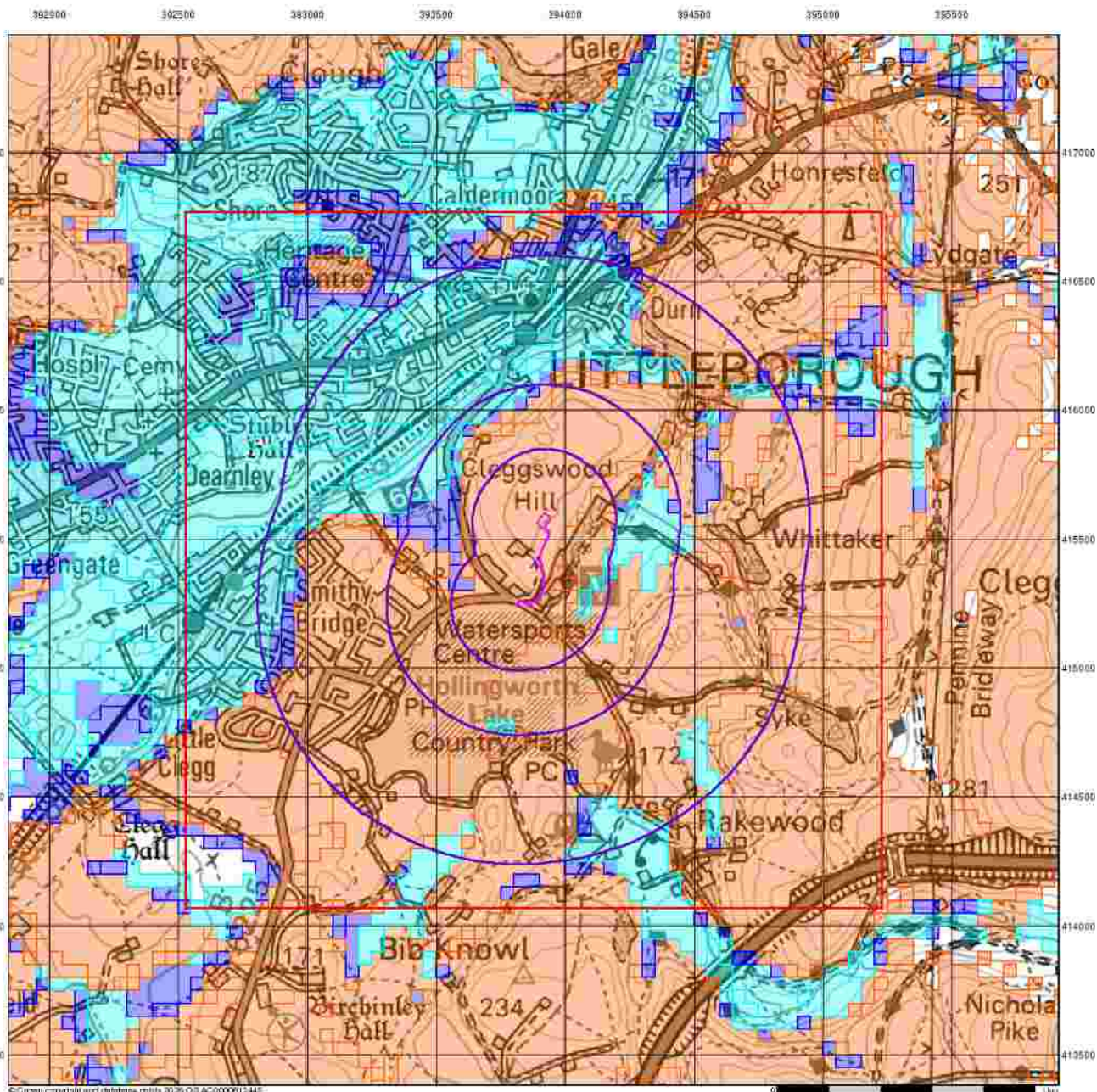
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 Site Area (Ha): 0.36
 Search Buffer (m): 1000

Site Details

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BGS Flood GFS Data

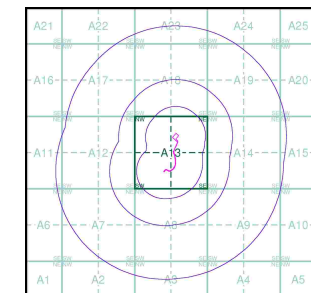
General

- Scented title
- Specified Buffer(s)
- Bearing Reference Point
- Slice

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

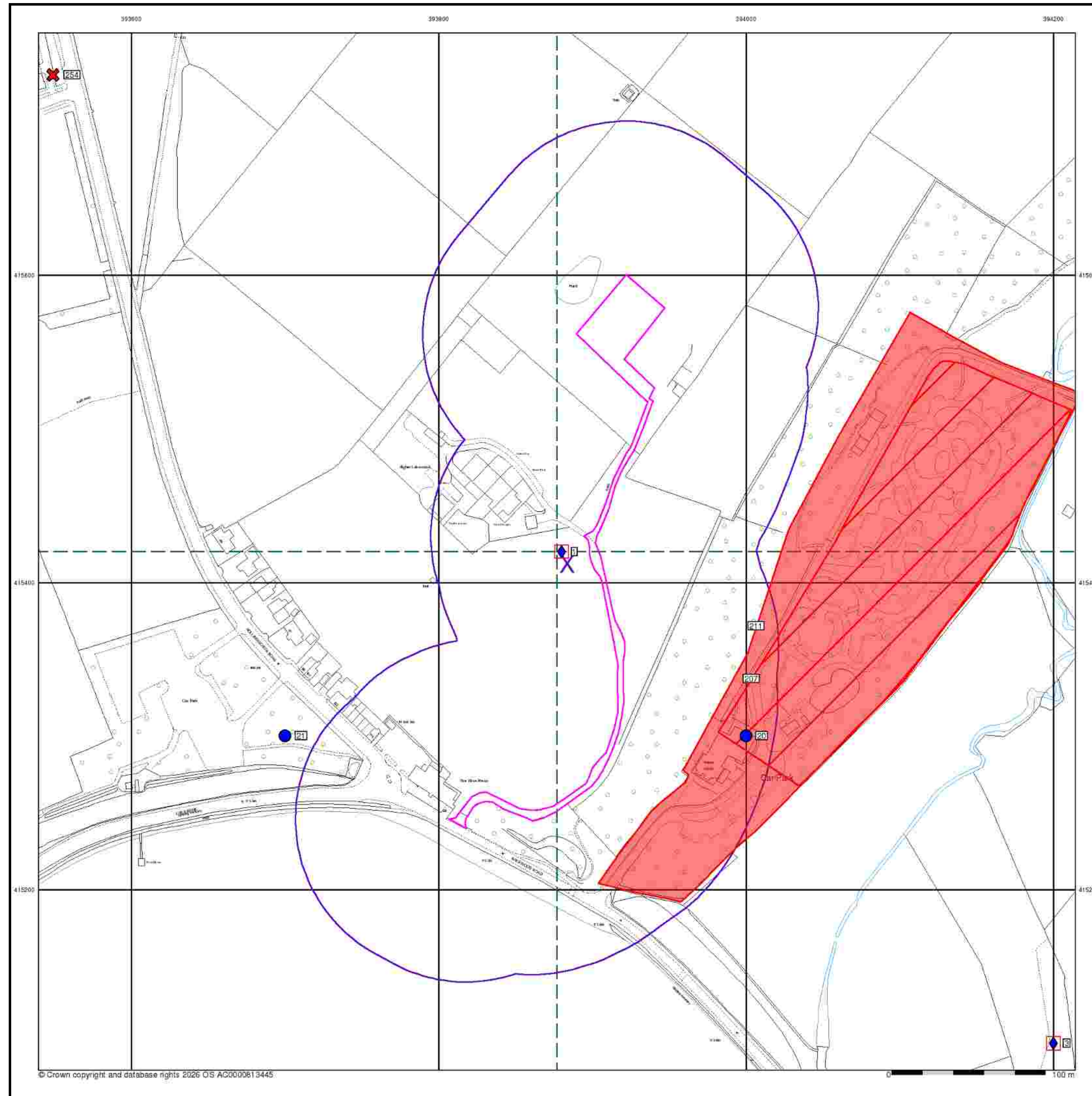
Order Number: 397350753_1_1
 Customer Ref: 4539
 National Grid Reference: 393880, 415410
 Slice: A
 Site Area (Ha): 0.36
 Search Buffer (m): 1000

Site Details

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- General**

 - Specified Site
 - Specified Buffer(s)
 - Severely Contaminated Site
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - Subsidence Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Agency and Hydrological**

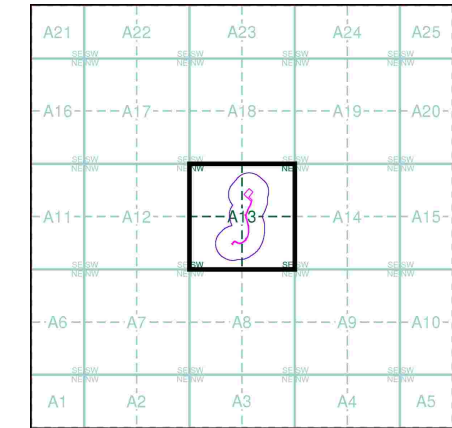
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - Subsidence Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**

 - BOS Recorded Landfill Site (Location)
 - BOS Recorded Landfill Site
 - EA Historic Landfill (Outfall Run)
 - EA Historic Landfill (Wegway)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Compost)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Site Outfall to 100m)
 - Registered Landfill Site (Site Outfall to 100m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**

 - COMAH Site
 - Explosive Site
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**

 - BOS Recorded Mineral Site

Site Sensitivity Map - Segment A13



Order Details

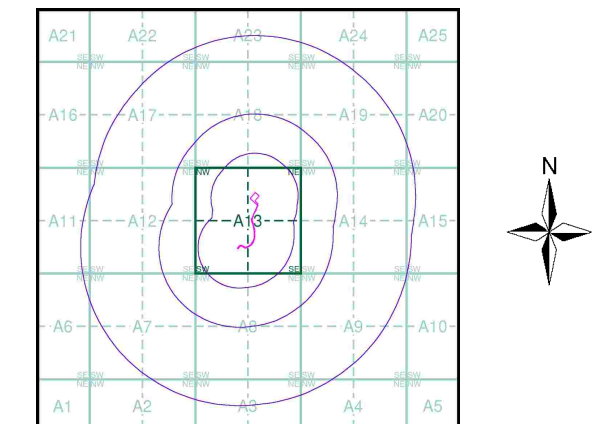
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Customer Ref: 4539
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Slice: A
Site Area (Ha): 0.36
Plot Buffer (m): 100

Site Details

Site at 393900, 415570



Site Sensitivity Map - Slice A

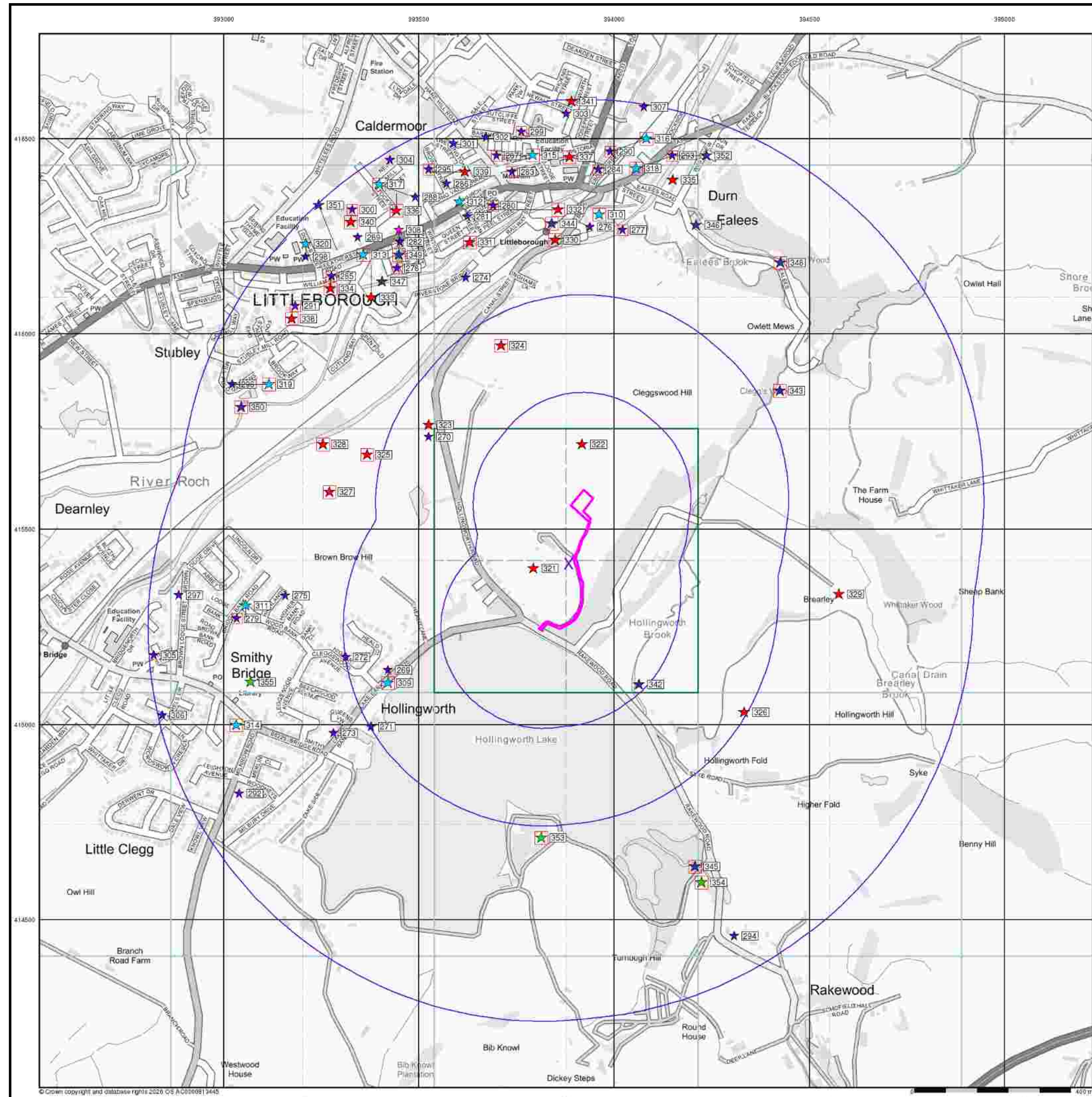


Order Details

Order Number: 397350753_1_1
 Customer Ref: 4539
 National Grid Reference: 393880, 415410
 Slice: A
 Site Area (Ha): 0.36
 Search Buffer (m): 1000

Site Details

Site at 393900, 415570



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Industrial Land Use Map

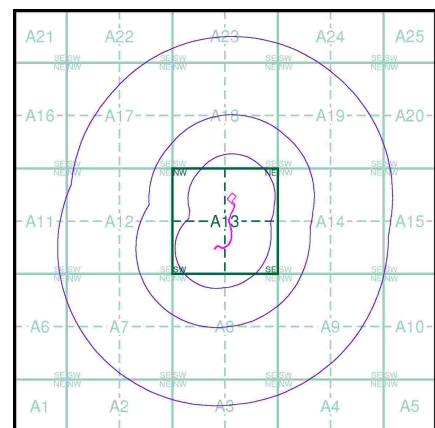
General

- Specified Site
- Specified Buffer(s)
- Hearing Reference Point
- Site
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

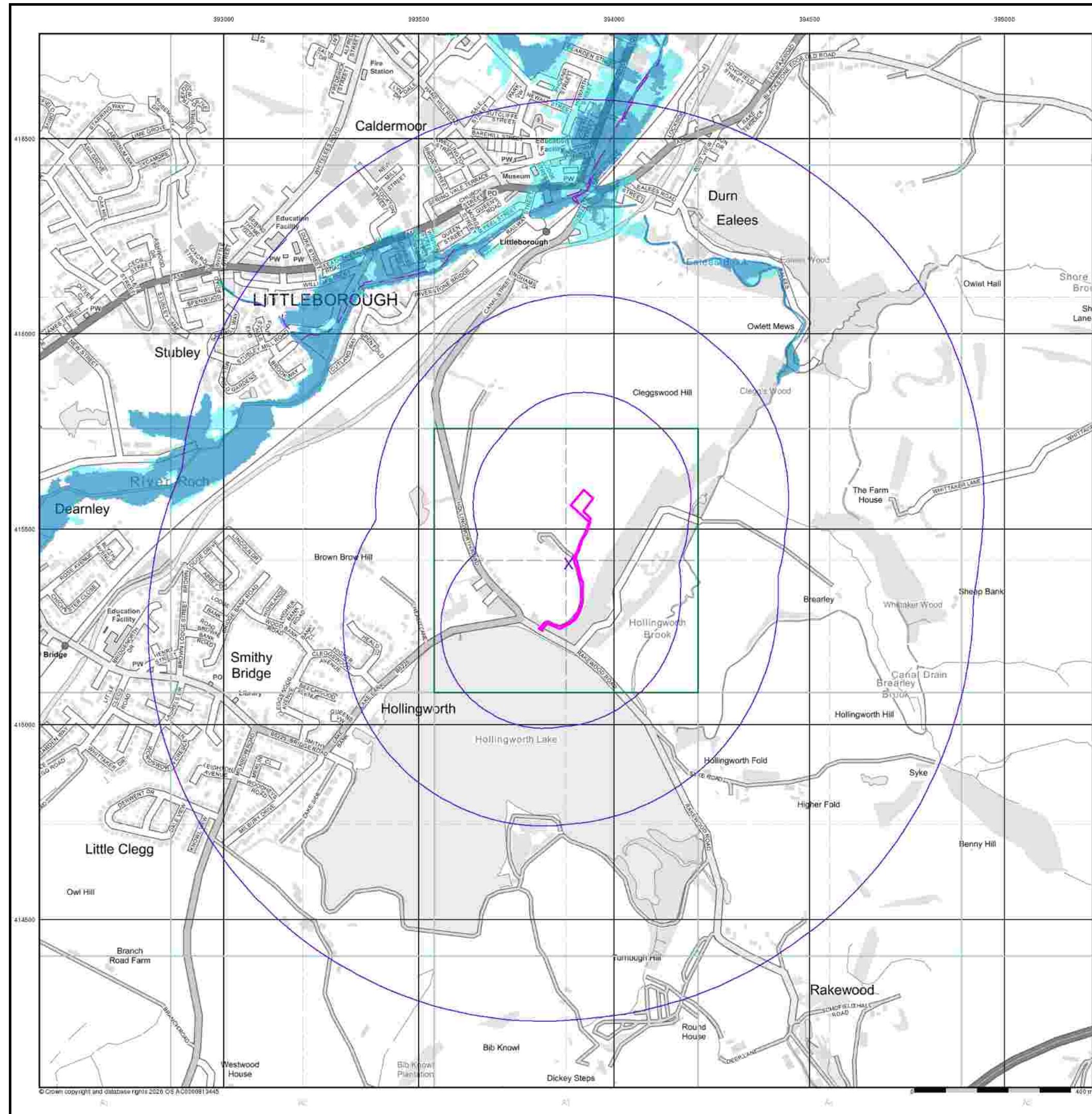
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

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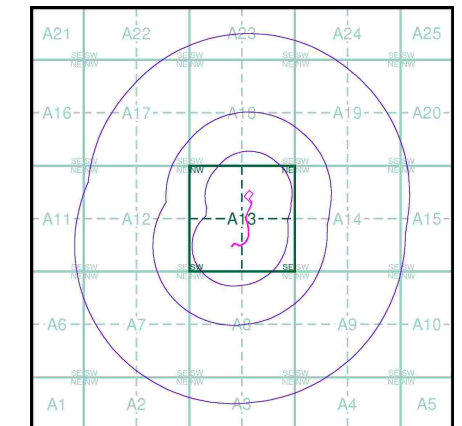
General

- Specified Site
- Specified Boundary
- Specified Reference Point

Agency and Hydrological (Flood)

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

Flood Map - Slice A

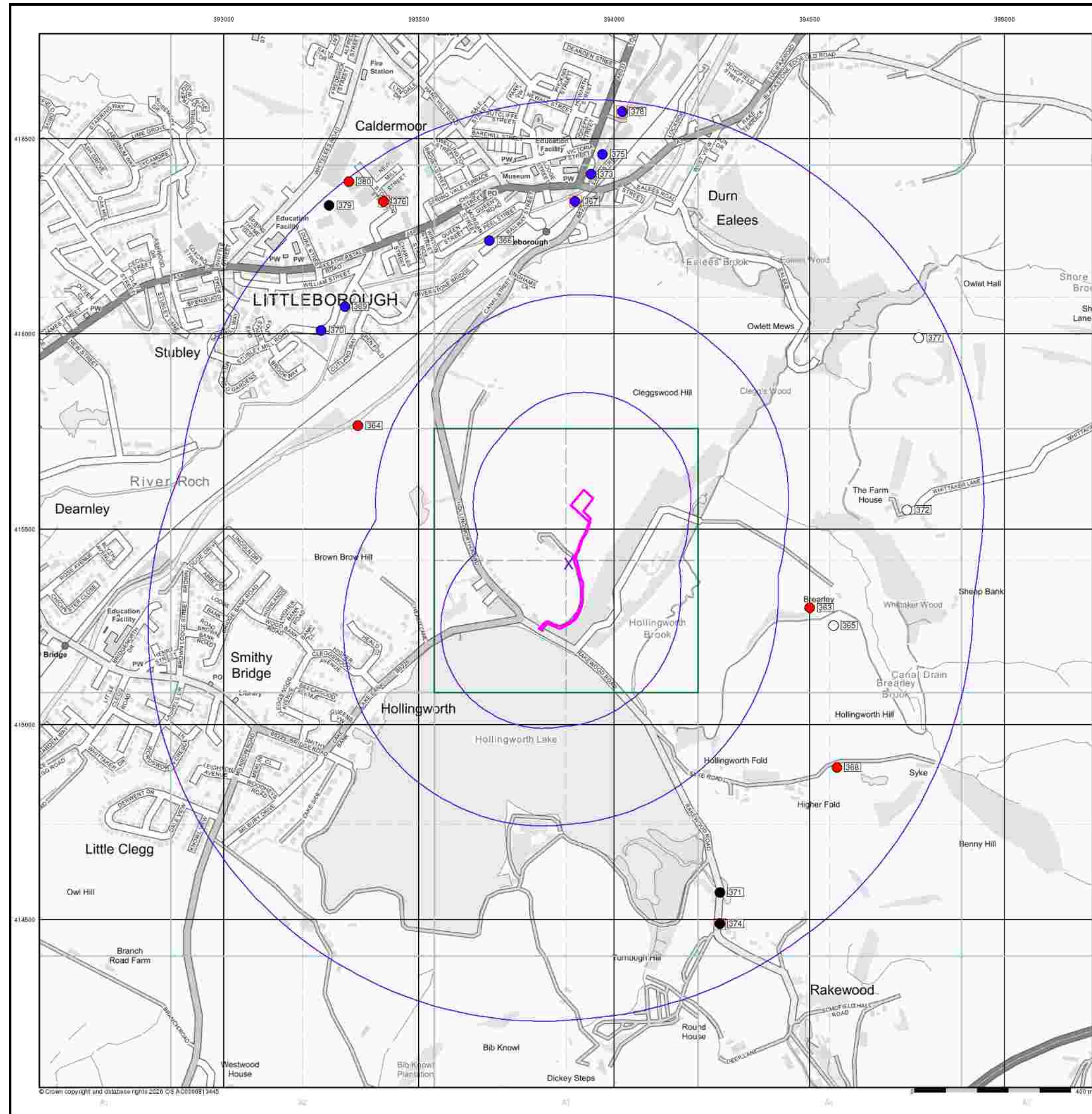


Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

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General

- Specified Site
- Specified Buffer (m)
- Design Reference Point
- Map ID
- Severest Type at Location

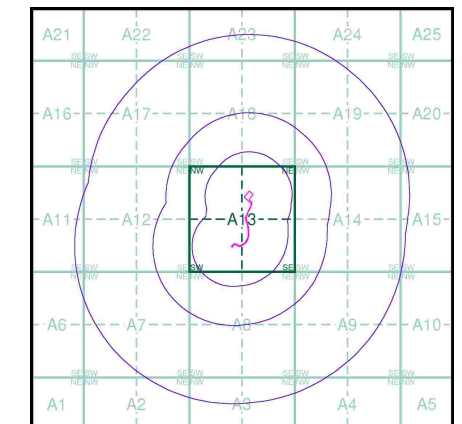
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

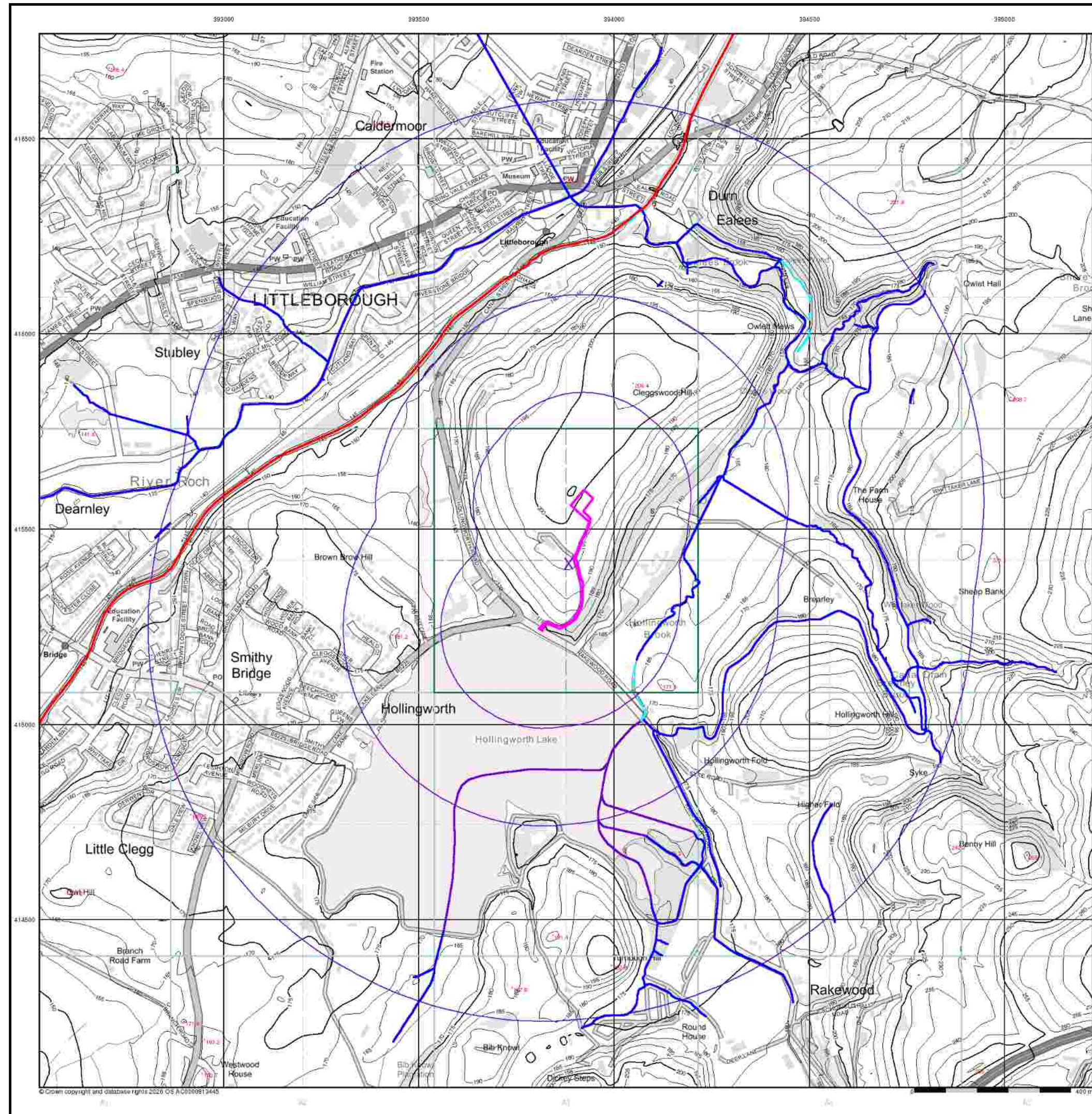
Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570

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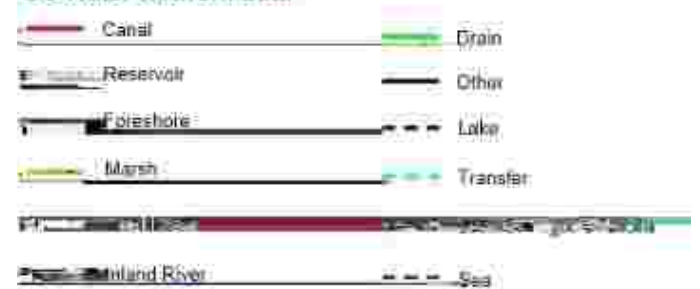
General



Specified Buffer(s)

Beating Reference Point

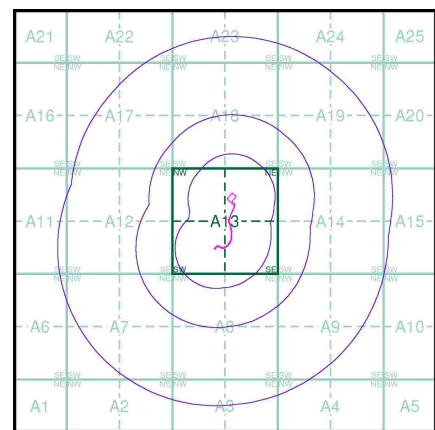
OS Water Network Data



Contours (height in meters)



OS Water Network Map - Slice A



Order Details

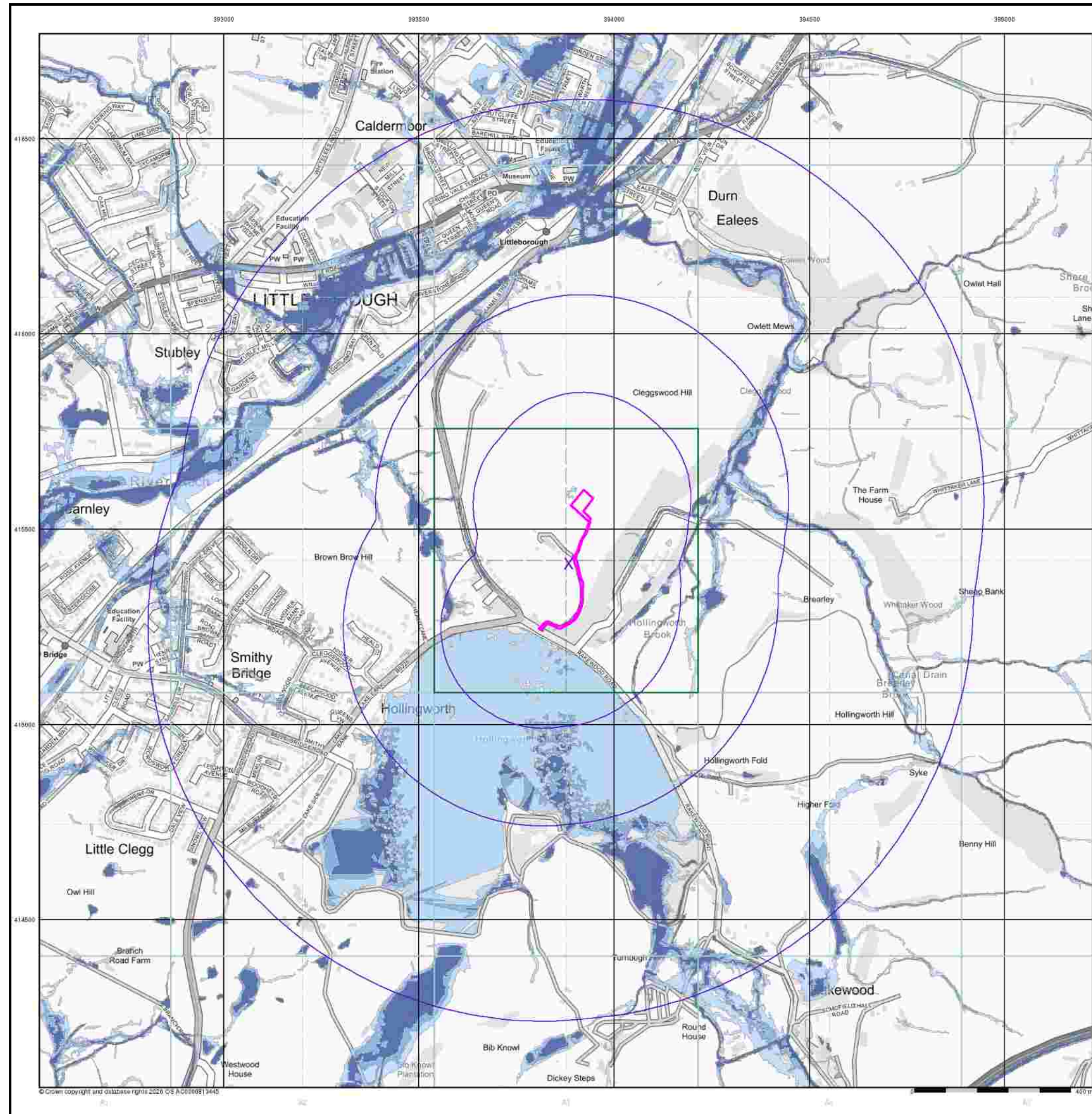
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Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

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General

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

Risk of Flooding from Surface Water

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

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels or lots
- Property

EA/NRW Suitability Map - Slice A



Order Details

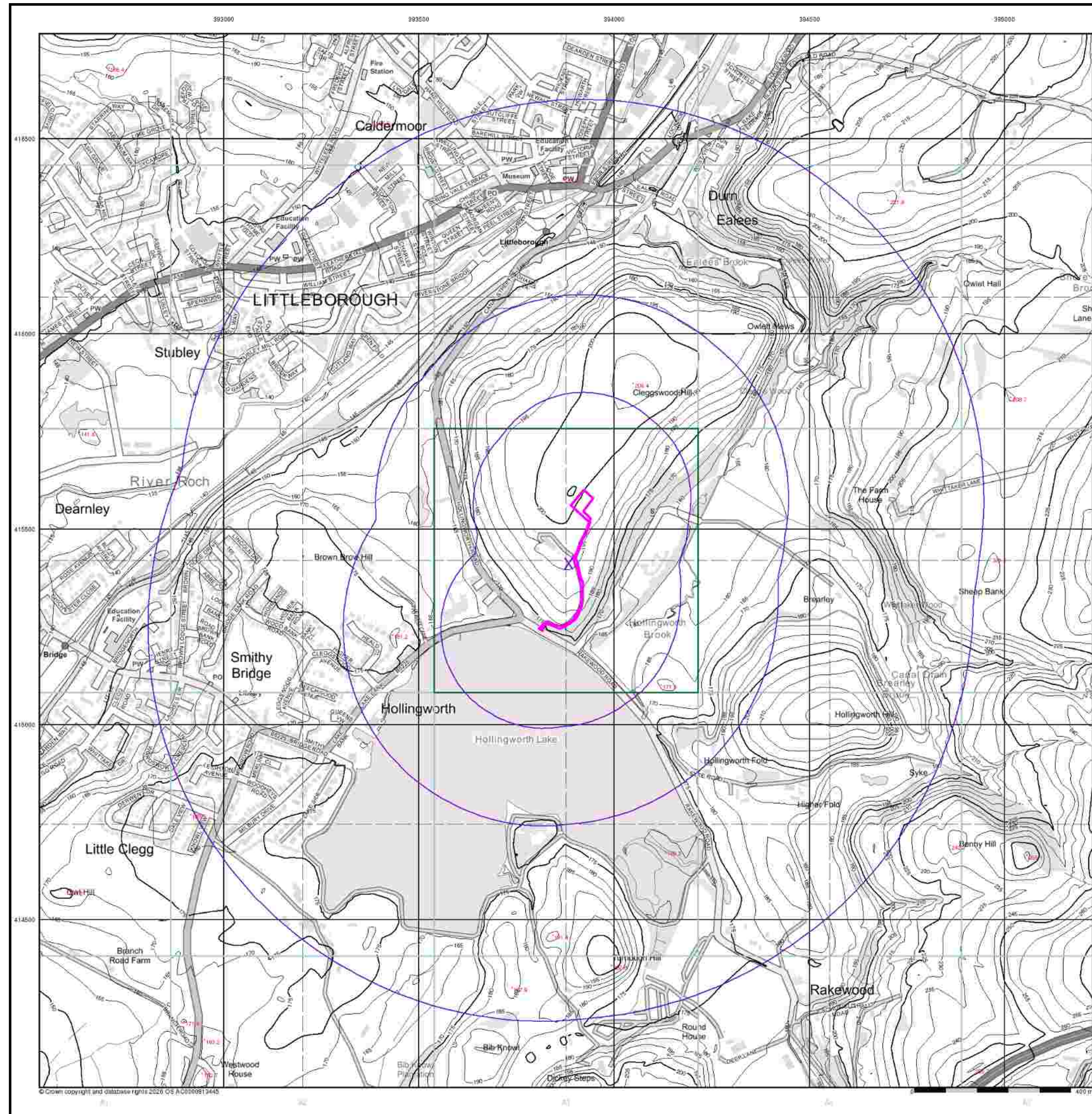
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Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

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WFD Surface Waters Map

General

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

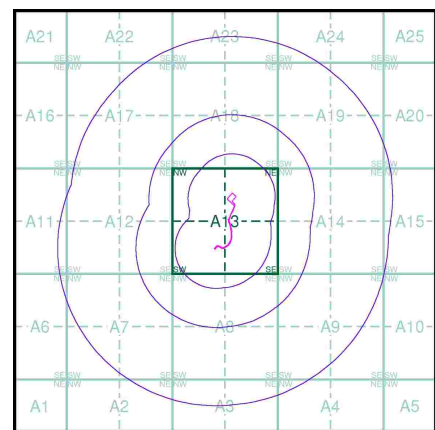
Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

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

WFD Surface Waters Map - Slice A



Order Details

Order Number: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570

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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

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

Superficial Geology

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

Bedrock and Faults

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

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	RR	Rough Rock	Sandstone	Not Supplied - Namurian
	ROSSE	Rossendale Formation	Mudstone and Siltstone	Not Supplied - Namurian
	RF	Rough Rock Flags	Sandstone	Not Supplied - Namurian
	LH	Lower Haslingden Flags	Sandstone	Not Supplied - Namurian
	MARSD	Marsden Formation	Mudstone and Siltstone	Not Supplied - Namurian
	HDW	Huddersfield White Rock	Sandstone	Not Supplied - Namurian
	HLBG	Holcombe Brook Grit	Sandstone	Not Supplied - Namurian
	GSYG	Guiseley Grit	Sandstone	Not Supplied - Namurian
	FLB	FLETCHER BANK GRIT	Sandstone	Not Supplied - Namurian
		Faults		
		Rock Segments		

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Geology 1:50,000 Maps

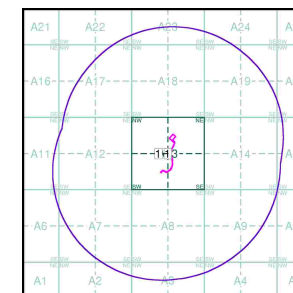
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

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

Geology 1:50,000 Maps - Slice A



Order Details:

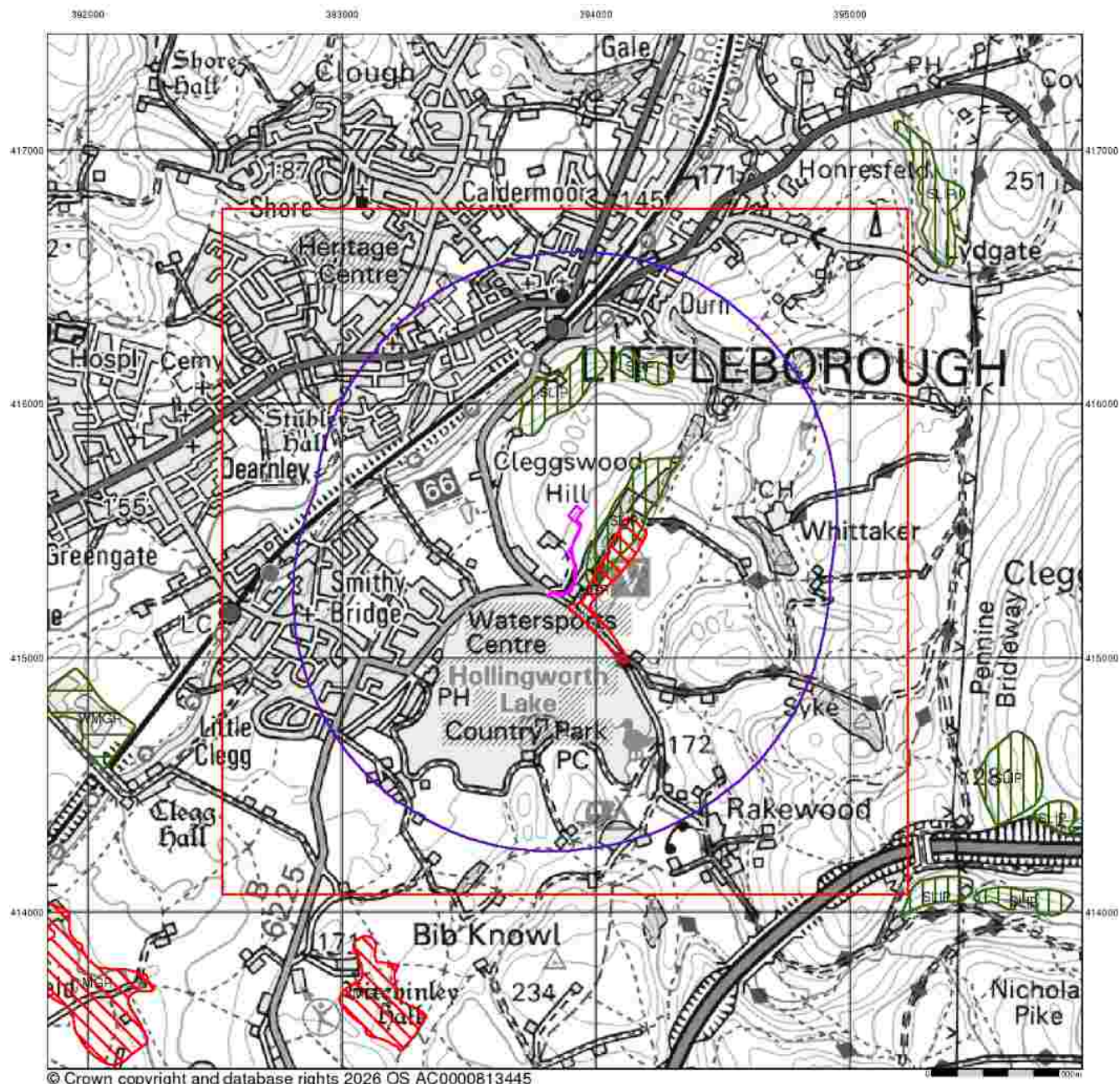
Order Number:	397350753_1_1
Customer Reference:	4539
National Grid Reference:	393880, 415410
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details:

Site at 393900, 415570

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Artificial Ground and Landslip

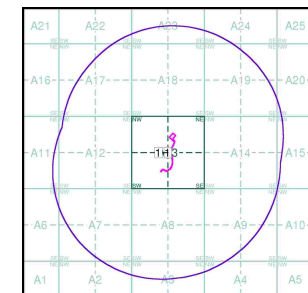
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

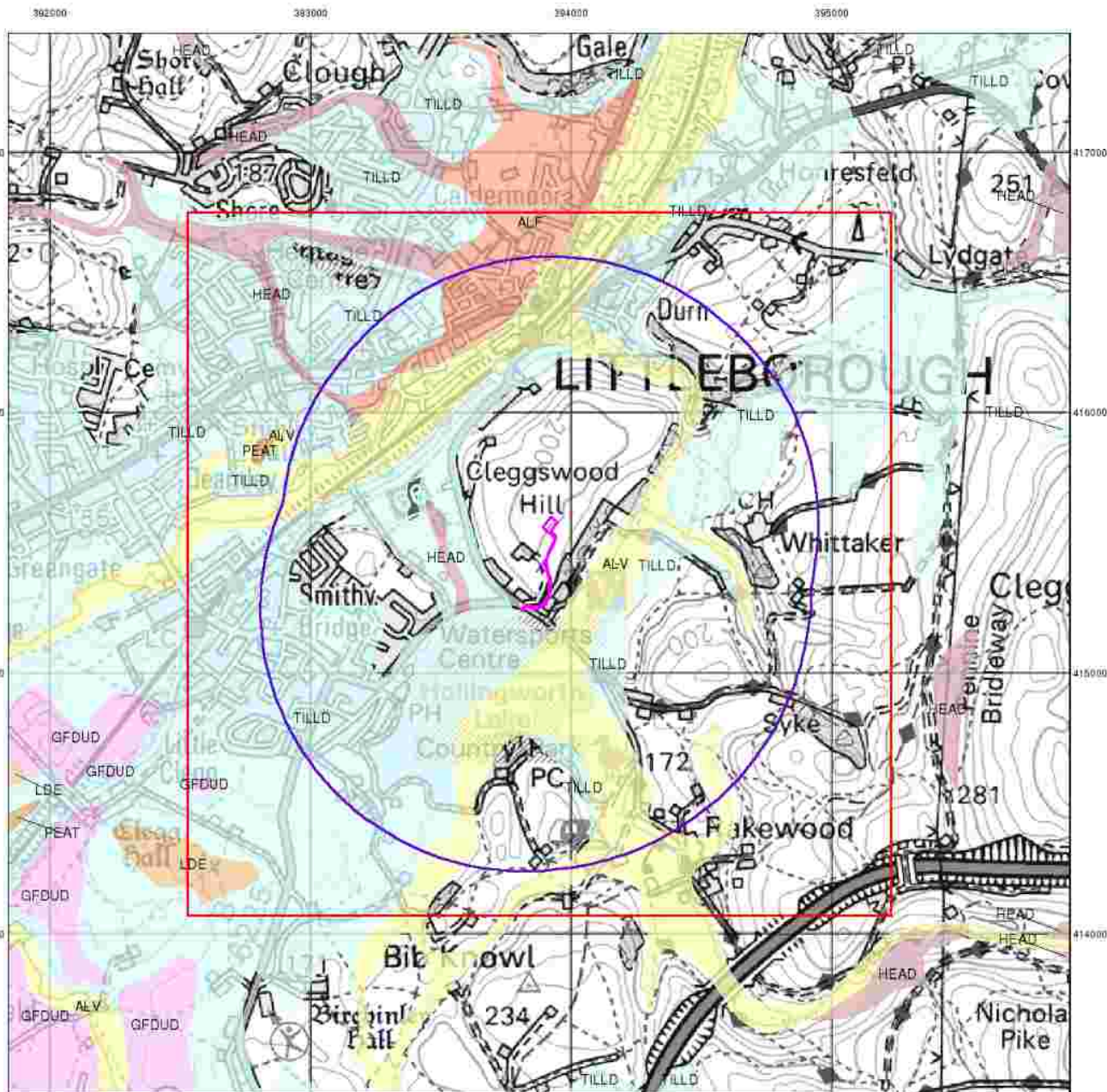
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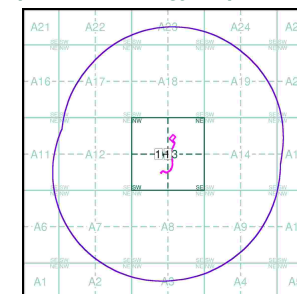
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

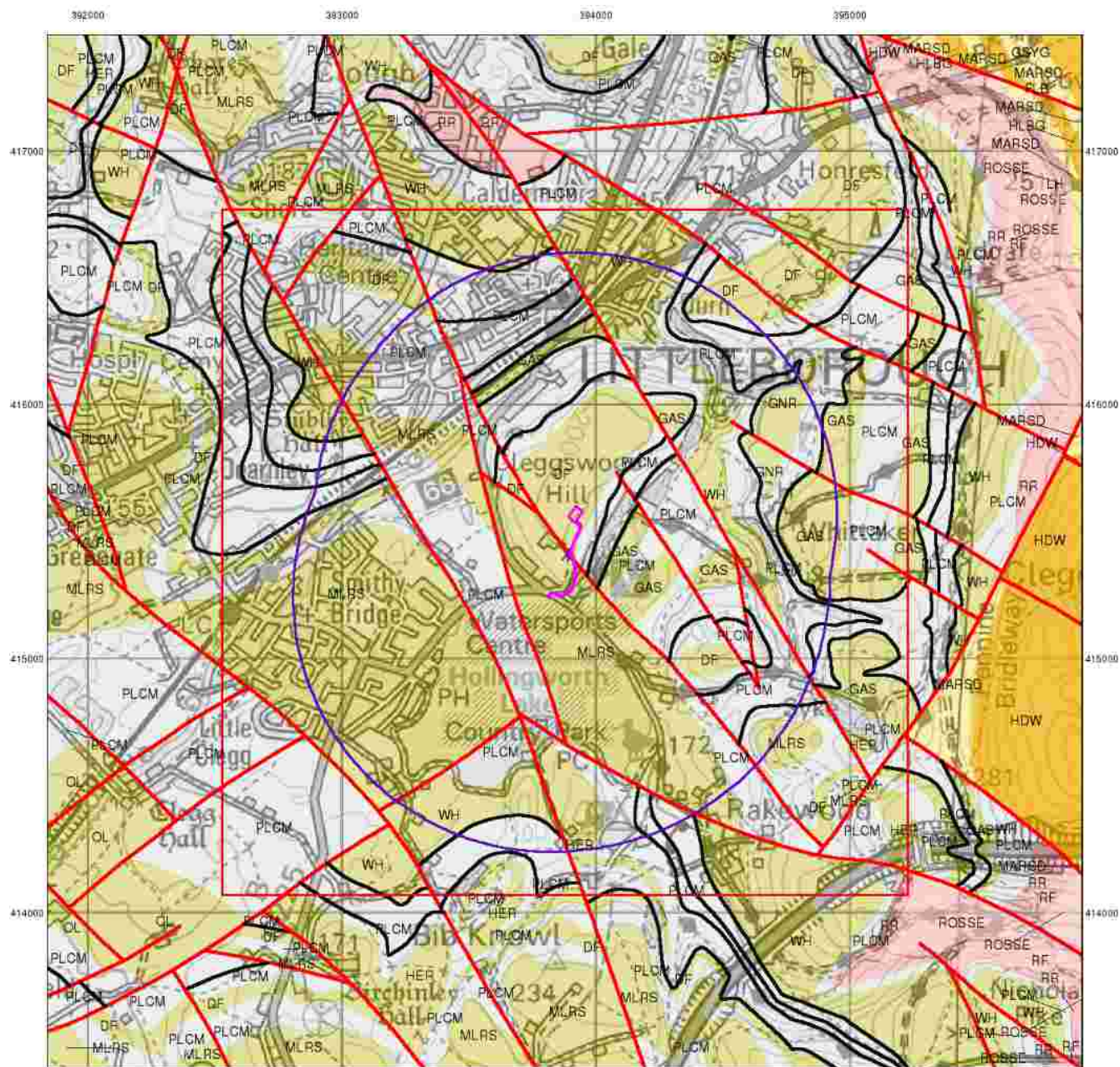
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National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details:

Site at 393900, 415570

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Bedrock and Faults

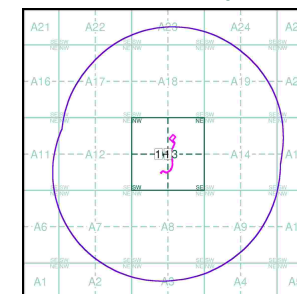
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



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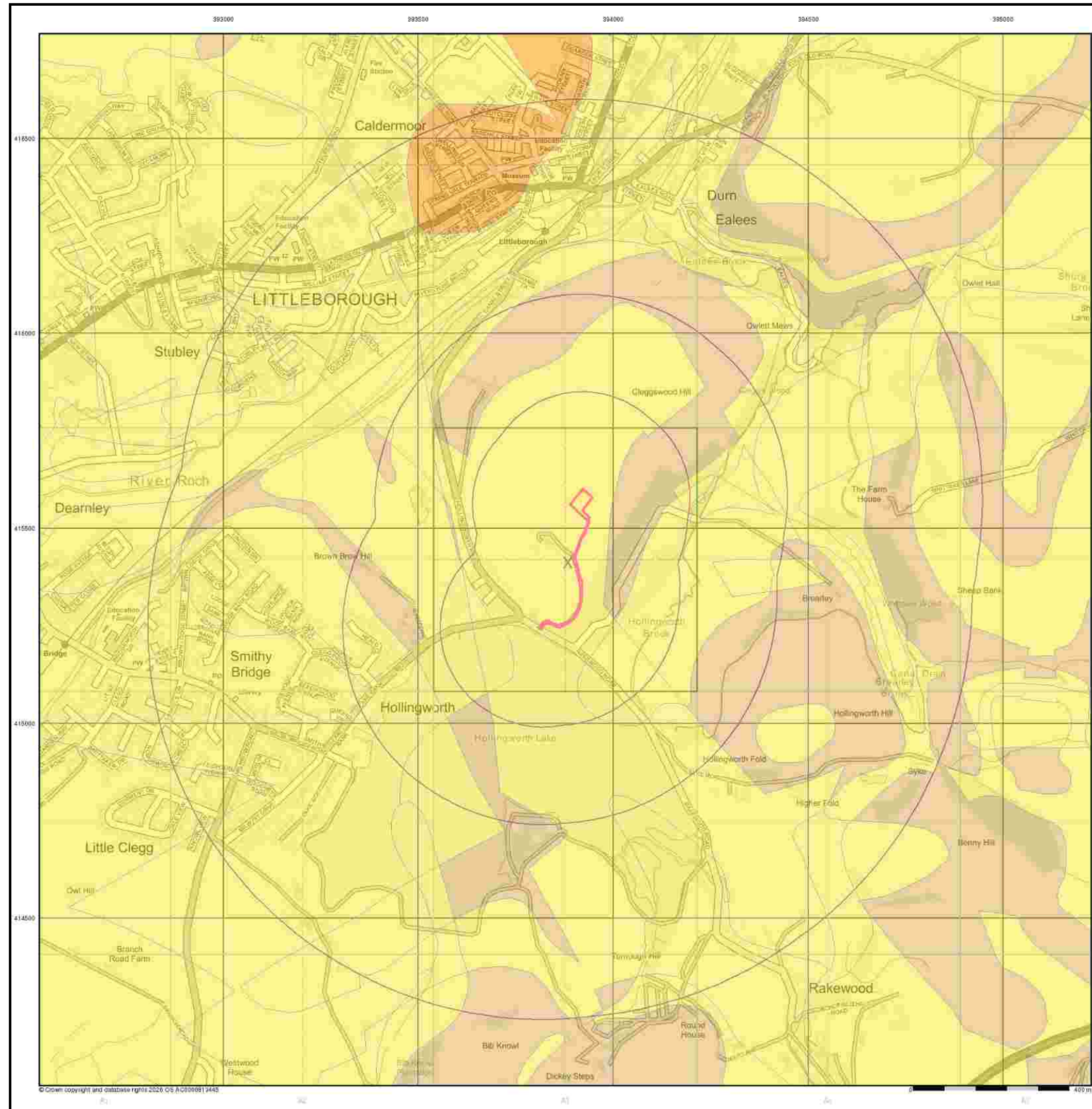
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Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details:

Site at 393900, 415570

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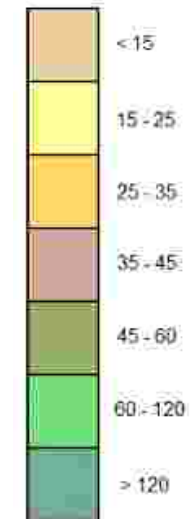
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General

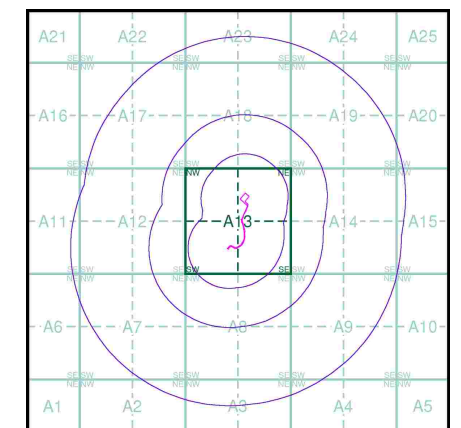
Specified Site Specified Buffer(s) Existing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

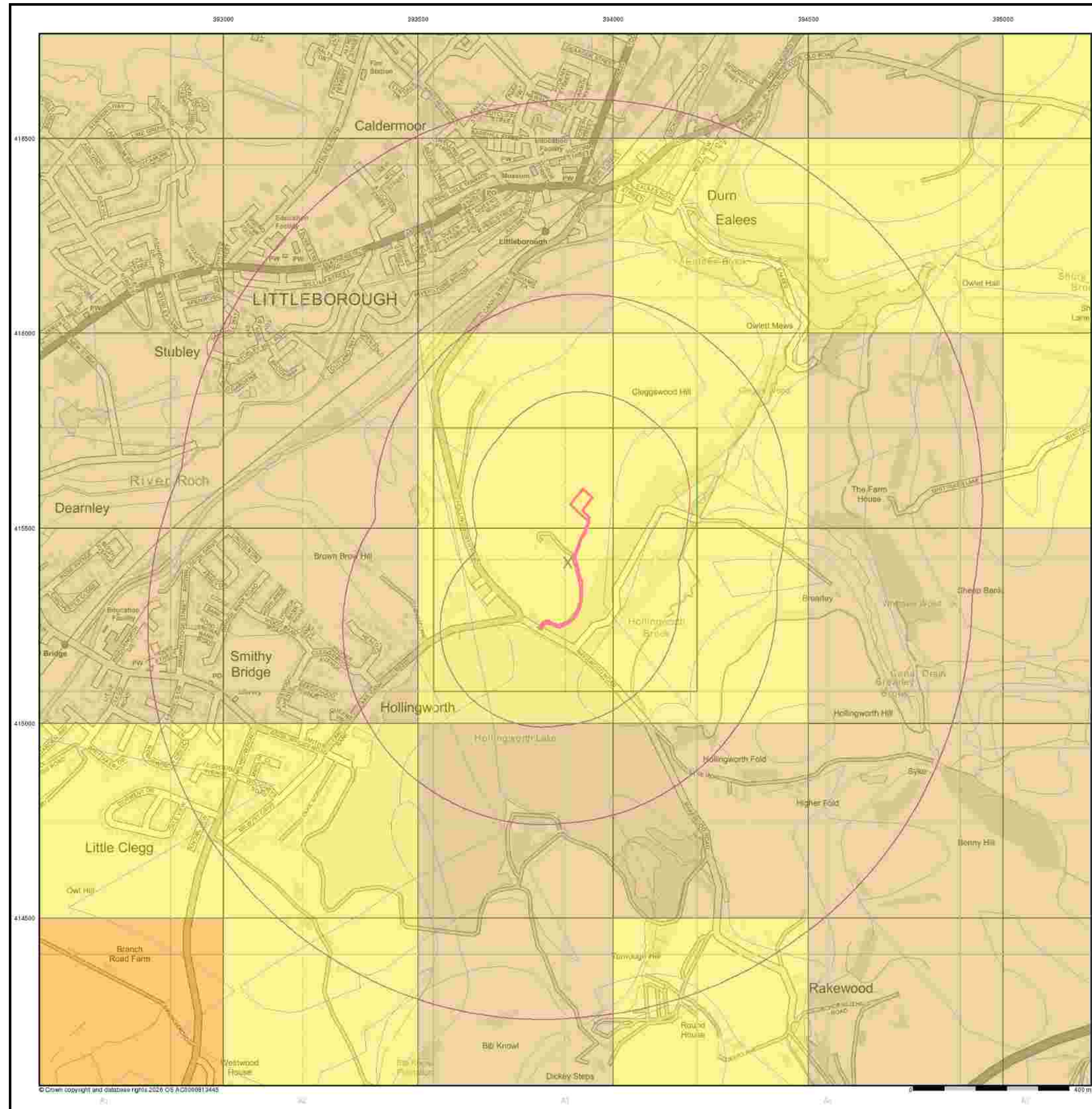


Order Details

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Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570



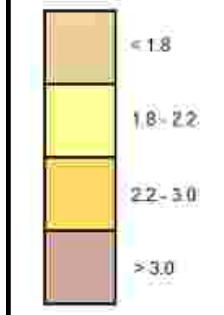
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General

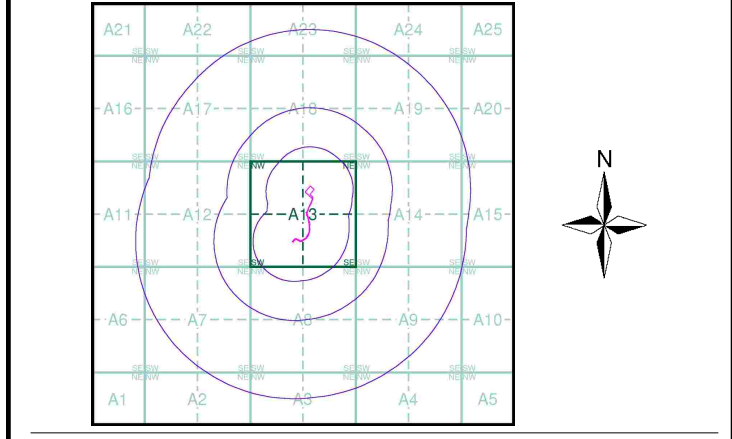
- ☒ Specified Site
- ☐ Specified Boundary
- ☒ Existing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

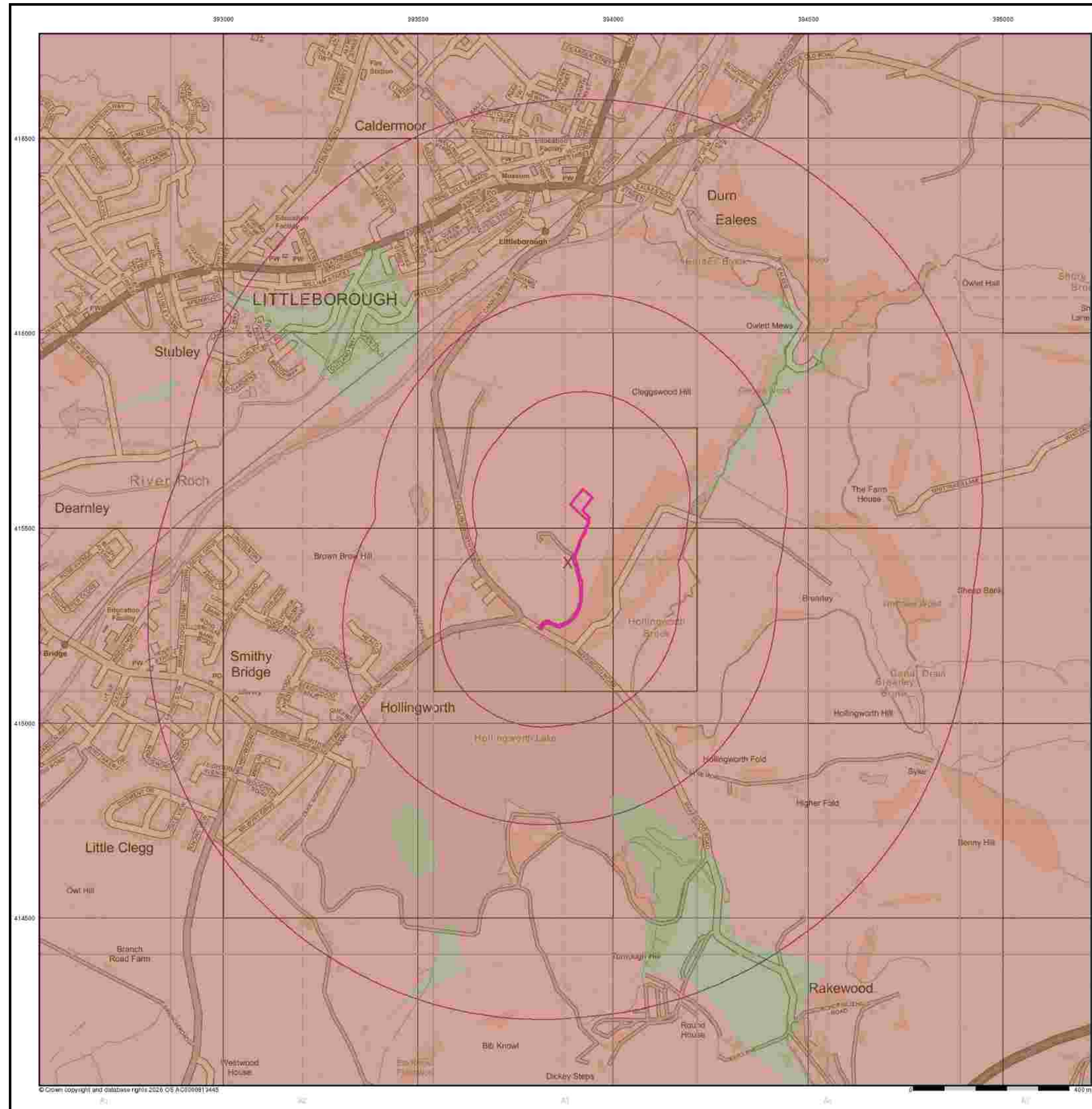


Order Details

Order Details: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570



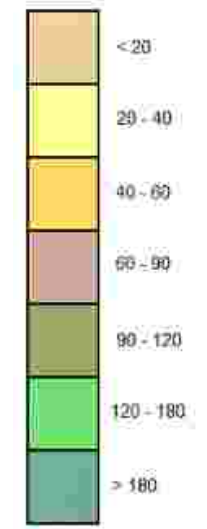
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General

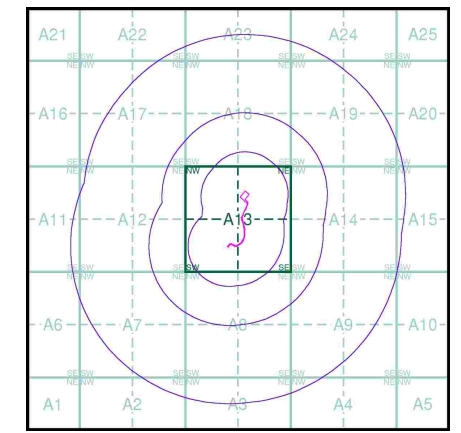
Specified Site Specified Buffer(s) Existing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

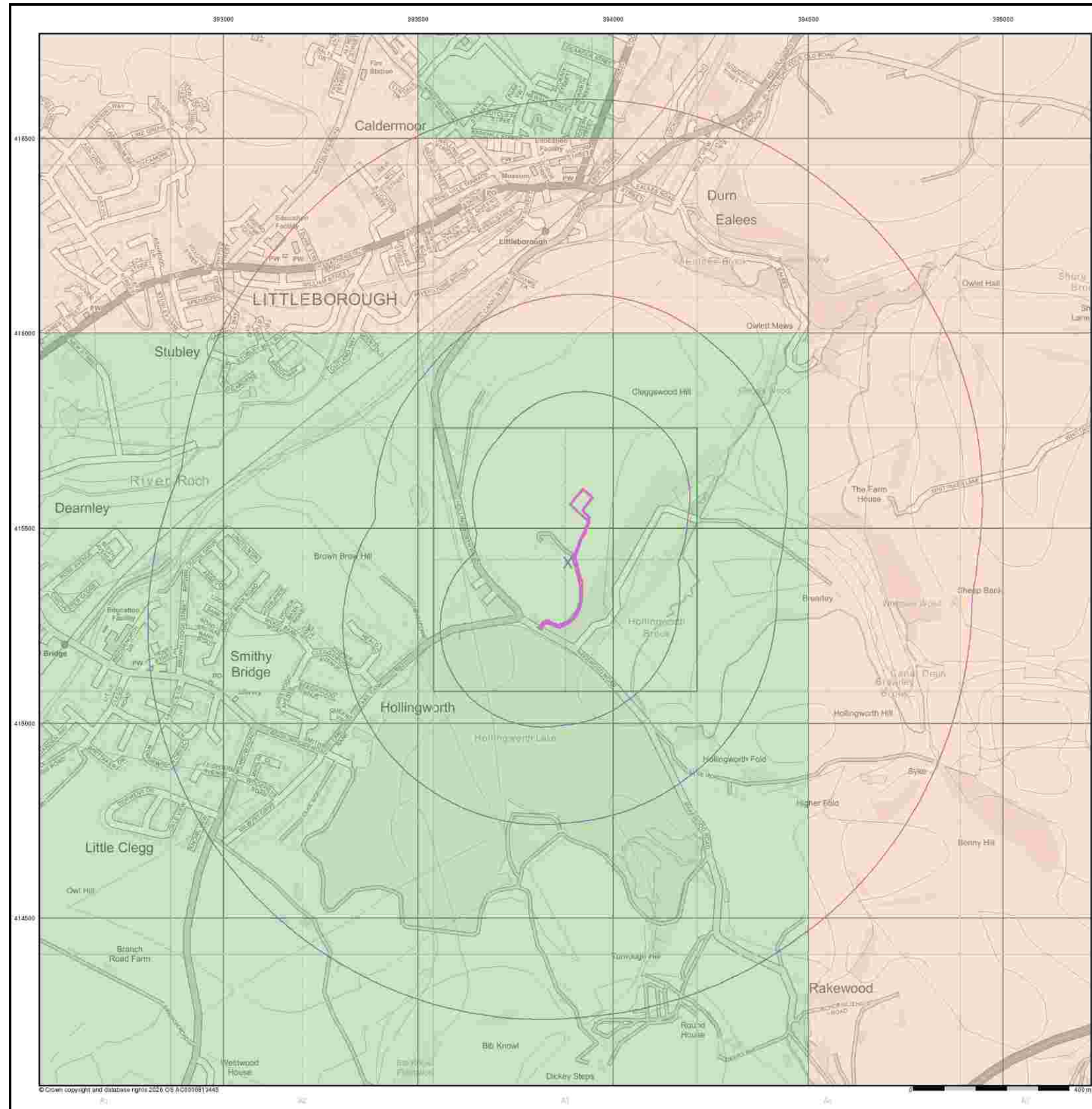


Order Details

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Site Details

Site at 393900, 415570



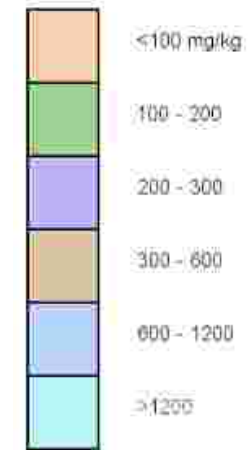
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General

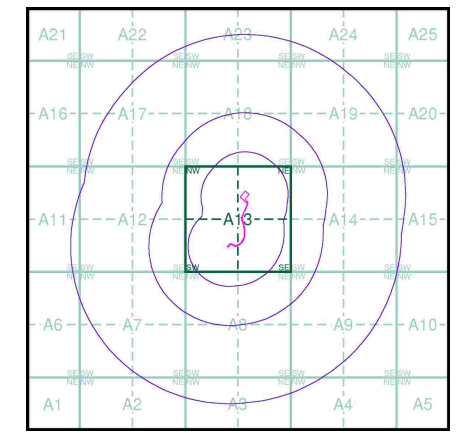
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

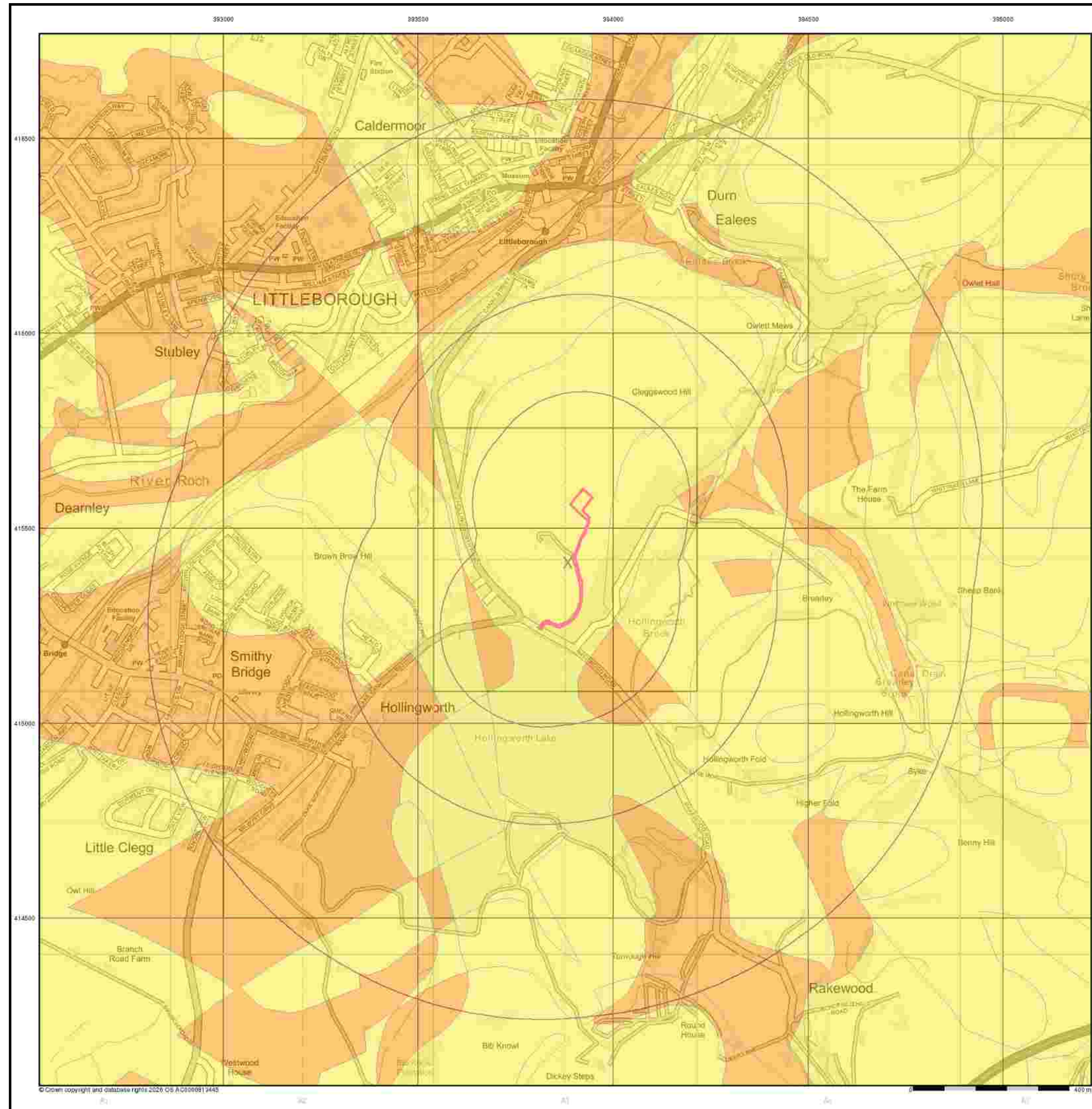


Order Details

Order Details: 397350753_1_1
Customer Ref: 4539
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Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570



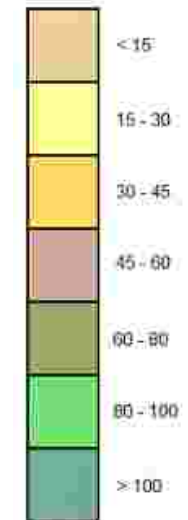
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General

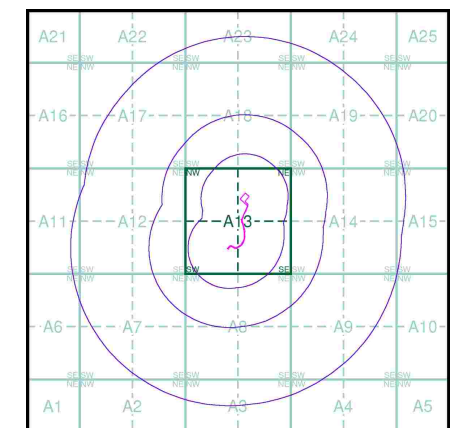
- Specified Site
- Specified Buffer(s)
- Existing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 397350753_1_1
Customer Ref: 4539
National Grid Reference: 393880, 415410
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 393900, 415570

APPENDIX 4

MINING REMEDIATION AUTHORITY REPORT



The Coal
Authority

Consultants Coal Mining Report

Land Adjacent To Cleggswood Farm
Higher Lakewood
Hollingworth Road
Littleborough
Rochdale
OL15 0AZ

Date of enquiry:	6 March 2026
Date enquiry received:	6 March 2026
Issue date:	6 March 2026

Our reference:	51003557034001
Your reference:	4539



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

Andy Robinson

Enquiry address

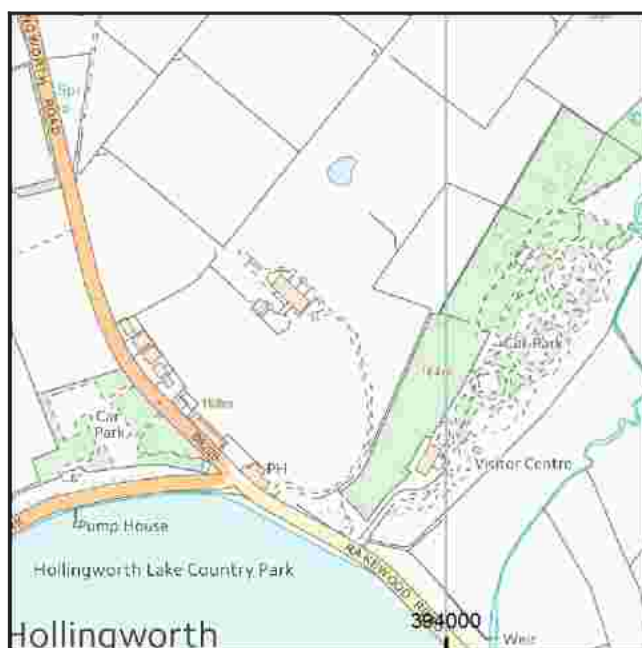
Land Adjacent To Cleggswood Farm
Higher Lakewood
Hollingworth Road
Littleborough
Rochdale
OL15 0AZ

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

reports@miningremediation.gov.uk



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	UPPER MOUNTAIN	Coal	3X67	27	Beneath Property	4.8	West	40	1914
unnamed	LOWER MOUNTAIN	Coal	3XAP	106	Beneath Property	7.1	South-West	60	1900

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

1882	3038	2011
6309	PO0	16820
NW1224	0	NW1225

For assistance in identifying the specific abandoned mine plans relevant to your requirements, **please contact us at InformationManagers@MiningRemediation.gov.uk**.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Fault under or close to the property recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please email us at reports@miningremediation.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **email us at reports@miningremediation.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

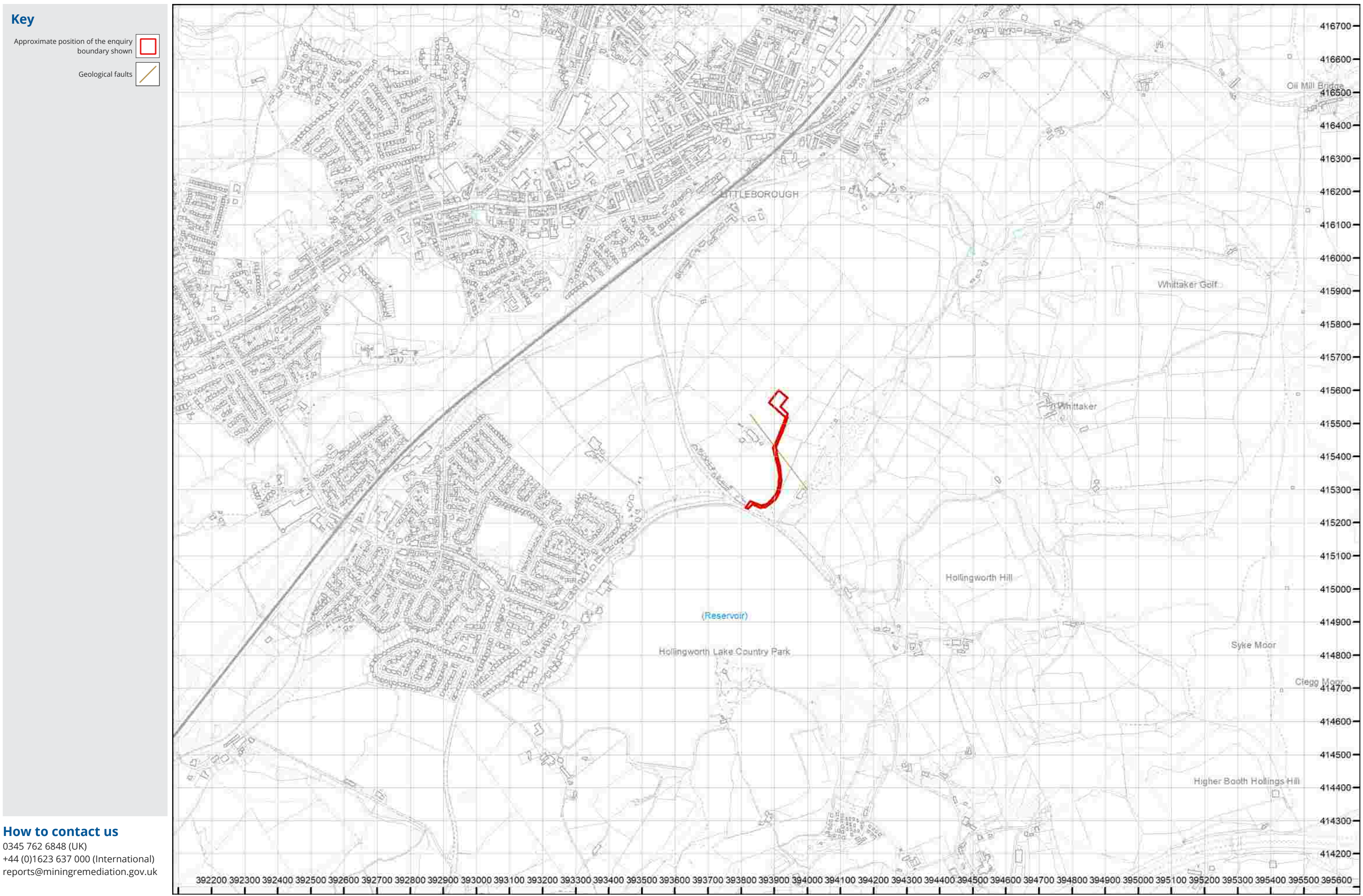
Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

The map highlights any specific surface or subsurface features within or near to the boundary of the site.



APPENDIX 5

SITE WALKOVER RECORD



Photograph 1



Photograph 2



Photograph 3



Photograph 4

NOTES / KEY
 Refer to Drawing 4539OD02, Appendix 1 for location and orientation of photographs
 Due to livestock including bullock in the field, access was restricted to the field boundary

DRAWING TITLE PHOTOGRAPHIC RECORD
PROJECT TITLE PRELIMINARY CONTAMINATION RISK ASSESSMENT ON LAND AT HOLLINGWORTH, LITTLEBOROUGH

CLIENT Ashfold Quality Meats Ltd	
STATUS FINAL	PROJECT NUMBER 4539
DRAWN BY AM	DATE March 2026
SCALE NOT TO SCALE	DRG. No. 4539 PLATE 1

FWS
Geotechnical & Environmental Consultants

Unit 2 City West Business Park
St Johns Road
Meadowfield Industrial Estate
Durham
County Durham
DH7 8ER
Tel: 01388 420633
admin@fwsconsultants.com www.fwsconsultants.com

APPENDIX 6

PRINCIPLES OF CONTAMINATION RISK ASSESSMENT

PRINCIPLES OF CONTAMINATION RISK ASSESSMENT

The Environmental Protection Act 1990, Part II A Contaminated Land (Section 57 of the Environment Act 1995) and the Contaminated Land Regulations 1999 provide a basis on which to determine the unacceptable risks and liabilities presented by a contaminated site. Contaminated Land is defined within Section 78A(2) and in all those Sections mentioned as:-

“Any land which appears to the local authority in whose area it is situated to be in such a condition, by reason of substances in, on or under the land that-

- a) **SIGNIFICANT HARM** is being caused, or there is significant possibility of such harm being caused; or
- b) **SIGNIFICANT POLLUTION OF CONTROLLED WATERS** is being caused, or there is a significant possibility of such pollution being caused.”

Section 57 of the Environment Act 1995 requires that any site identified as being “contaminated” by the Local Authority will be registered by them and remediation will be required to render the site fit for use.

The presence of contamination is not the sole factor for deciding whether a site is contaminated. Relevant parties should identify site-specific unacceptable risks and provide objective, cost-effective methods to manage the contamination in a manner which satisfies the proposed end-use.

The Environment Agency “Land contamination and Risk Management” guidance defines “risk” as the combination of:-

PROBABILITY OF RISK: or frequency, of occurrence of a defined hazard; and

MAGNITUDE/POTENTIAL SEVERITY: (including the seriousness) of the consequences.

A risk-based approach, which takes both technical and non-technical aspects into consideration when making decisions on contamination resulting from past, present or future human activities, is advocated.

The assessment of unacceptable risks generally relies on the identification of three principal elements forming a ‘contaminant linkage’:-

SOURCE: is a contaminant or pollutant that is in, on or under the land and that has the potential to cause harm or pollution

RECEPTOR: something that could be adversely affected by a contaminant eg. a person, controlled waters, an organism, an ecosystem, or Part 2A receptors such as buildings, crops or animals

PATHWAY: a route by which a receptor is, or could be, affected by a contaminant

In the absence of any one of these elements, on any given site, there is no risk. Where all three elements are present, a risk assessment is required to determine the significance of the harm or pollution that is being or may be caused. During the risk assessment phase, ‘potential contaminant linkages’ are used, until they are confirmed. Once confirmed, they are referred to as ‘relevant contaminant linkages’. As outlined above, the terms of the Contaminated Land regime specify that remediation need only be implemented where a site is causing, or there is a significant possibility that it will cause, significant harm, or that pollution of controlled waters is being, or is likely to be caused.

Development of contaminated land is usually addressed through the application of planning and development legislation and guidance (i.e. Planning Guidance Note PPS23 Planning and Pollution Control in England). The suitable for use approach is seen as the most appropriate basis to deal with contaminated land, taking account of

environmental, social and economic objectives. The assessment is made in the context of the proposed land use (e.g. residential, commercial, industrial and public open-space).

Definition of Severity of Consequence

The risk assessment has been undertaken by assessing the severity of the potential consequence, taking into account both the potential severity of the hazard and the sensitivity of the target, based on the categories given below.

Category	Definition
Severe	Acute risks to human health, catastrophic damage to buildings/property, major pollution of controlled waters
Medium	Chronic risk to human health, pollution of sensitive controlled waters, significant effects on sensitive ecosystems or species, significant damage to buildings or structures
Mild	Pollution of non-sensitive waters, minor damage to buildings or structures
Minor	Requirements for protective equipment during site works to mitigate health effects, damage to non-sensitive ecosystems or species

Definition of Probability of Occurrence

The likelihood of an event (probability) takes into account the linkage between a hazard and target and the integrity of this pathway, and has been assessed based on the categories given below.

Category	Definition
High Likelihood	Pollutant linkage may be present, and risk is almost certain to occur in long term, or there is evidence of harm to the receptor
Likely	Pollutant linkage may be present, and it is probable that the risk will occur over the long term
Low Likelihood	Pollutant linkage may be present, and there is a possibility of the risk occurring, although there is no certainty that it will do so
Unlikely	Pollutant linkage may be present, but the circumstances under which harm would occur are improbable

Risk Matrix

The potential severity of the consequence and the probability of the occurrence have been combined in accordance with the following matrix in order to give a level of risk for each potential hazard.

		Severity of Consequence			
		Severe	Medium	Mild	Minor
Probability of Occurrence	High Likelihood	Very high	High	Moderate	Low
	Likely	High	Moderate	Low	Very Low
	Low Likelihood	Moderate	Low	Very Low	Negligible
	Unlikely	Low	Very Low	Negligible	Negligible

APPENDIX 7

NOTES ON LIMITATIONS

NOTES ON LIMITATIONS

- 1 FWS Consultants Ltd (“FWS”) has prepared this report solely for the use of the client and/or his agent (the “Client”) on the basis of exchange(s) of written proposals and instructions, and FWS accepts no responsibility or liability:-
 - a) for use of this report by any party other than the person for whom it was commissioned, or;
 - b) for the consequences of the report being used for any purpose other than that for which FWS was instructed to prepare it.

Should any third party wish to use or rely upon the contents of the report, written approval from FWS must be sought.

- 2 All information supplied by the Client, the Client’s staff and professional advisers, local authorities, other statutory bodies, investigation agencies and publicly accessible databases, shall be provided to FWS in writing, and is accepted as being correct unless otherwise specified in writing by the discloser of the information.
- 3 The conclusions and recommendations in this report represent the professional opinions of FWS derived from currently accepted industry practices, and through the exercising of reasonable skill and care to be expected of a professional geosciences and environmental consultancy of similar size and experience. The assessments and judgments given in this report are directed by and limited to both the finite data on which they are based and the proposed works to which they are addressed.
- 4 Environmental and geotechnical desk studies comprise a study of available information obtained from various identified sources, authorities and parties. The information reviewed cannot be exhaustive and has been accepted in good faith as providing representative and true data pertaining to site conditions. For clarity, no independent verification of this data is carried out by FWS and it is accepted at face value. Any identified risks in desk study reports are perceived risks based on the information available at the time. Actual risks can only be assessed after carrying out a thorough physical investigation of the site that serves to validate such identified risks.
- 5 Data acquisition during site investigations is subject to the limitations of the methods of investigation used, site conditions and access constraints. Exploratory holes undertaken during fieldwork, particularly boreholes and/or trial pits, investigate a small volume of ground in relation to the size of the site and thus can only provide an indication of site conditions. The opinions provided and recommendations given in this report are based on the desk study information and ground conditions apparent at the site of each of the exploratory holes. There may be ground conditions elsewhere onsite that have not been disclosed by the investigation and which therefore have not been taken into account in this report. FWS will take all due care and make commentary on the adequacy of data collection and therefore the ability to highlight the presence or otherwise of exceptional conditions.
- 6 Owing to the natural variation of the systems that are being investigated, and the anthropological impact similarly changing through time, the findings and opinions in this report are relevant to the dates of the site works and should not be relied upon to represent conditions after a reasonable passing of time. Site conditions will change over time due to natural variations and human activities. The comments made on groundwater, surface water and soil gas conditions are based on observations made at the time that the site work was carried out. It should be noted that these conditions will vary owing to seasonal, tidal and meteorological effects. Variation in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, or subsequent developments or activities on the site or adjacent area.
- 7 The scope of the investigation, as agreed between FWS and the Client, was undertaken based on the specific development proposals of the Client and may be inappropriate to another form of development or scheme.
- 8 The opinions expressed in this report regarding contamination, geotechnical and/or waste assessments are based on simple statistical analysis and comparison with available guidance values. No liability can be accepted for the retrospective effects of any changes or amendments to these values.