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Phase 1

Environmental Assessment Report

Hopton Mills Cricket Club

18 Woodbottom

Mirfield

WF14 8HG

Date: 13th June 2025

Version 1

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Document Verification

Site Address	Hopton Mills Cricket Club, 18 Woodbottom, Mirfield, WF14 8HG		
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Executive Summary

The preliminary environmental site assessment indicates that the site can be classified as low risk in terms of contamination and the risks to the identified receptors (e.g., human health, controlled waters, buildings) following redevelopment is considered to be low. A Phase 2 intrusive ground investigation is not deemed necessary prior to site redevelopment.

However, during site preparation works, if any unexpected visual or olfactory evidence of contamination is encountered, it is recommended that the material is removed and stockpiled on site and advice is sought from a suitably qualified person (Environmental Consultant) on how to deal with the material. Testing of the material will be necessary to identify whether it is suitable for re-use on site or if it will have to be taken off-site for disposal.

In addition, to ensure that they do not come into contact with contaminated soils and groundwater, it is recommended that workers wear appropriate personal protective equipment (PPE) and that suitable Health and Safety procedures be adopted to ensure that ingestion of contaminated soils and groundwater is avoided (e.g., by washing hands prior to eating, drinking and smoking).

Disclaimer

This report has been prepared by EnviroSolution Ltd who has exercised such professional skill, care and diligence as may reasonably be expected of a properly qualified and competent consultant experienced in preparing reports of a similar scope.

However, to the extent that the report is based on or relies upon information contained in records, reports or other materials provided to EnviroSolution Ltd, which have not been independently produced or verified, EnviroSolution Ltd, gives no warranty, representation or assurance as to the accuracy or completeness of such information.

The scope of this report is restricted to potential ground contamination and its environmental impact; it does not cover above-ground hazards (e.g., asbestos in buildings), ecological sensitivities (e.g., bats), biological or horticultural hazards (e.g., Japanese Knotweed) or structural hazards (e.g., building stability) unless specifically referred to in the text of this report.

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1 Introduction

1.1 Background

EnviroSolution Ltd was commissioned to undertake a Phase 1 Environmental Site Assessment at a site located at Hopton Mills Cricket Club, WF14 8HG. This report was commissioned to provide information on the potential contamination status of the site.

1.2 Objectives

The objective of the preliminary environmental site assessment was:

1. To provide a summary of the environmental setting and historical land use of the site and immediate surrounding area.
2. To obtain information on the ground conditions present beneath the site.
3. To develop a conceptual site model and complete a generic quantitative risk assessment to identify any environmental risks and liabilities associated with ground conditions at the site.

1.3 Scope of Work

To achieve the objectives, the following scope of work was completed:

1. A desk-based study of the site comprising a review of available environmental information for the site such as geological and hydrogeological data and historical land use information.
2. A site walkover.
3. Assessment of potential hazards and constraints during construction and longer term.

This work has been devised to generally comply with the relevant principles and requirements of the following legalisation and guidance:

- Part IIA of the Environmental Protection Act, 1990 and Section 57 of the Environmental Act 1995;
- Contaminated Land (England) (Amendment) Regulations 2012 and Contaminated Land Statutory Guidance (DEFRA, April 2012);
- National Planning Policy Framework (Ministry of Housing, Communities and Local Government, July 2021);
- BS10175: 2011 +A2:2017 “Investigation of Potentially Contaminated Sites- Code of Practice”; and
- Environment Agency (2020) Land Contamination Risk Management Report LCRM “How to assess and manage the risks from land contamination”.

1.4 Information Sources

Historical Ordnance Survey maps have been obtained from historical records, ranging from 1855 to 2024. These maps provide high quality information on historical site use.

The British Geological Survey Geoindex database has been used to provide information on geo-environmental aspects of the site and the immediate surrounding area such as geological, hydrogeological and hydrological data.

The Environment Agency website (www.gov.uk/government/organisations/environment-agency) and Magic website (www.magic.gov.uk) was also used to obtain environmental information.

Industry Profiles produced by the Department of the Environment were utilised to obtain information on processes, materials and wastes associated with potential contaminative land uses near the site.

Readily available information sources have been used to produce this desk-based study. Additional information may be requested by the Local Planning Authority (e.g., local authority environmental information request).

2 The Site

2.1 Site Location

The site is located at Hopton Mills Cricket Club, 18 Woodbottom, Mirfield, WF14 8HG. The British National Grid Reference for the approximate site centre is GR: 421238 , 418380.

The site location is shown on **Figure 1** in **Appendix A**.

2.2 Site Description

The site description has been prepared following a walkover survey conducted by EnviroSolution Ltd on the 13th of June 2025. The site photographs are included in **Appendix B**.

The site is irregular in shape and covers an approximate area of 125 square metres.

The site is flat with an approximate elevation of 80m aOD. The surrounding land slopes down towards the northwest.

The site is located at the end of Hagg Lane. The site is occupied by an existing cabin which is to be knocked down and replaced with new changing rooms including a store, showers and changing rooms.

The surrounding land use is predominantly agricultural, however an industrial estate is located north of the site, including a marketing agency, mortgage broker, web designer, door manufacturer, gym and construction company.

There are no active petrol filling stations identified within a 250m radius of the site.

The existing site plan is shown on **Figure 2** which is included in **Appendix A**.

2.3 Development Proposals

The proposed development is for the construction of a new toilet block to the rear of the existing clubhouse.

The proposed development plan is shown on **Figure 3** which is included in **Appendix A**.

2.4 Site History

The development site and surrounding area has been reviewed with reference to historical Ordnance Survey (OS) maps. The history of the site and immediate surrounding area is summarised in Table 1. Copies of the historical OS maps are included in **Appendix C**. A search buffer of 250m has been used.

Table 1 - Historic Mapping Review

Date	Scale	On Site	Off Site
1855	1:10,560	The site is located on an undeveloped agricultural field.	Surrounding area made up of agricultural land. Sandstone quarry 100m south.
1893	1:2,500	No significant changes.	Reservoir 115m south. Reservoir 190m south. Reservoir 170m north. Woollen mills 230m north. Old coal pit 170m east.
1919	1:2,500	Site undeveloped but within the boundary of a cricket ground with pavilion to the north.	Pond 215m northwest. Old coal levels 220m southeast. Quarry no longer marked on the map.
1930	1:10,560	No significant changes.	No significant changes.
1938	1:10,560	No significant changes.	No significant changes.
1948	1:10,560	No significant changes.	No significant changes.
1961	1:2,500	No significant changes.	No significant changes.
1982	1:2,500	No significant changes.	No significant changes.
1993	1:2,500	No significant changes.	No significant changes.
2024	1:10,000	Cabin developed on site.	Mills to the north of the site converted to mix use offices and commercial units.

3 Environmental Setting

3.1 Geology

Geological maps of the area indicate that the site is not directly underlain by superficial deposits.

The underlying bedrock is the Pennine Lower Coal Measures, deposited during the Carboniferous Period. The Pennine Lower Coal Measures Formation generally consist of interbedded grey mudstone, siltstone and pale grey sandstone with coal seams.

The nearest geological fault is located approximately 120m southwest of the site.

A borehole (Ref: SE21NW394) located 240m north of the site was obtained from BGS online records. The borehole penetrates approximately 110.00m bgl and shows approximately 0.30m of topsoil, overlying 1.25m of boulder clay, overlying a 0.80m band of sands and gravels, which in turn is underlain by 108.65m of an interbedded sequence of shale, sandstone, clay, mudstone, and coal.

A copy of the geological maps is included in **Appendix D**. A copy of the BGS Borehole is included in **Appendix E**.

3.2 Radon

The site lies within medium band of radon potential where it is estimated that 1-3% of the properties are above the action level (medium probability). According to the UK radon department, basic radon protective measures are not required for this site.

3.3 Coal Mining Activity

The site falls within a Coal Mining Reporting Area described as having minable coal deposits and lies within a 'Development High Risk Area' for coal mining, as defined by the Coal Authority. As such, it is considered that there may be coal mining related stability hazards which could affect the site.

This is further discussed in a previously completed Coal Mining Risk Assessment.

A copy of the Mining Remediation Authority map is included in **Appendix G**.

3.4 Hydrogeology

The underlying Pennine Lower Coal Measures Formation is designated as a Secondary A Aquifer, defined as; permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

There are 2 no. groundwater abstraction licences located within a 1km radius of the site. They are located 220m north and 730m northwest of the site and are used for industrial purposes.

The site is not located within a Source Protection Zone.

A copy of the hydrogeological maps is included in **Appendix F**.

3.5 Hydrology

There is a single significant surface water feature (rivers, lakes or reservoirs) located within a 1km radius of the site. The River Calder is located 830m north of the site.

Lily Beck is located 90m southwest of the site.

3.6 Flood Risk

The site lies within a Flood Zone 1 (low probability), land assessed as having less than a 1 in 1,000 annual probability of river flooding (0.01%) in any year (low risk). The completion of a detailed Flood Risk Assessment is not deemed necessary for this site.

A copy of the flood risk map is included in **Appendix H**.

3.7 Waste Management Facilities

There are no Environment Agency records of historic or currently authorised landfill sites located within a 1km radius of the site.

There are no Environment Agency records of sites operating under an environmental permit for waste operations within a 1km radius of the site.

3.8 Environmental Permits, Incidents and Registers

There is a single record of a site located within a 1km radius of the development site operating under an environmental permit for discharges to water. The permit is held by YCPD Limited 200m north of the site.

There is a single record of a pollution incident recorded by the Environment Agency having occurred within a 1km radius of the site. The incident occurred 730m northwest of the site and was caused by construction and demolition waste material. The incident had a minor impact to air and water and a significant impact to land.

There are no records of sites located within a 1km radius of the development site operating under an environmental installation permit recorded by the Environment Agency.

3.9 Designated Environmentally Sensitive Sites

There is a single record of a designated environmentally sensitive site located within a 1km radius of the site and it is summarised in table 2.

Table 2: designated environmentally sensitive sites

Features	Distance	Comments
Green Belt (England)	On Site	The site lies on the South and West Yorkshire Green Belt (England).

4 Preliminary Conceptual Site Model

4.1 Introduction

In order to assess the environmental risks, present, a preliminary conceptual model has been developed for the site. This model has been developed using best practice guidelines in conjunction with the current assessment framework taking into account the development proposals. This preliminary conceptual model is based on the gathered desk-based information (e.g., historical OS data and data sourced from the EA, Geindex and Magic databases).

The conceptual site model is a representation of the hypothesised relationships between sources, pathways and receptors which allows the identification of potential pollutant linkages and whether these linkages have the potential to comprise significant harm and/or pollution of controlled waters in relation to the site. This model comprises three elements:

Source – the key pollutant hazards associated with the site.

Receptor – the key targets at risk from the sources.

Pathway – the means by which the contaminant can cause harm to the receptor.

If all three elements are present, then a potential pollutant linkage exists, and this may require further assessment.

4.2 Potential Contamination Sources

The site has remained undeveloped until the 1910s when it was incorporated into the Hopton Mills Cricket Club. Development on site has since remained minimal. This land use is not likely to have contaminated the shallow soils at the site.

Several off-site land uses have been identified in the surrounding area that have the potential to contaminate the shallow soils at the site. The land use and its associated contaminants are summarised in Table 3 below:

Table 3 – Off-Site Land Use Summary

Land Use	Potential Contaminants
Reservoir/ Ponds (infilled)	Ground gases (methane & carbon dioxide).
Woollen Mill	Heavy metals, PAHs
Quarry (infilled)	Ground gas (carbon dioxide and methane).

It is considered that the reservoirs and ponds can be discounted as a potential source due the distances from site and many of the reservoirs and ponds still remain in-situ.

The quarry was not significant in size and was backfilled prior to the 1960s. Therefore the risk of gas generation is low.

The woollen mill can be discounted as a potential source due to the distance from site. Additionally, the mill lies at a lower elevation than the site.

Building control photographs have been provided which show photographs of the foundation footings of the previous changing room cabin. This shows natural clean topsoil with no evidence of Made Ground. This photograph is available in **Appendix B**.

4.3 Receptors

The potential receptors considered to be at risk from soil and groundwater contamination associated with the site are summarised in Table 4 below:

Table 4 - Receptor Description

Receptor	Details
Human (On Site)	<ul style="list-style-type: none"> - Construction workers - Future site users - Site visitors
Human (Off Site)	<ul style="list-style-type: none"> - Adjacent site users
Controlled Waters	<ul style="list-style-type: none"> - Secondary A Aquifer - River Calder - Lily Beck
Building/ construction materials	<ul style="list-style-type: none"> - Foundations - Buried services
Environmental Receptors	<ul style="list-style-type: none"> - Green Belt (England)

4.4 Pathways

The potential exposure pathways linking contamination with the receptors identified above are summarised in Table 5 below:

Table 5 - Exposure Pathways Summary

Receptor	Details of Exposure Pathway
Human (on-site)	<ul style="list-style-type: none"> - Direct ingestion of contaminated soil/groundwater - Dermal contact with soil/groundwater - Inhalation of gases and vapours
Human (off-site)	<ul style="list-style-type: none"> - Inhalation of fibres and particulates - Inhalation of migrating gases and vapours
Controlled waters	<ul style="list-style-type: none"> - Vertical and lateral migration of dissolved phase contaminants via preferential pathways to groundwater aquifers and surface water features - Direct surface water run-off to surface water features
Building/construction	<ul style="list-style-type: none"> - Buried materials/services - Contact with contaminated soil and/or groundwater

4.5 Potential Pollution Linkages

4.5.1 Human Health

The proposed development is for the construction of a new toilet block to the rear of the existing clubhouse. This is considered to be a non-sensitive end-use.

The presence of buildings and hardstanding would eliminate the risk of exposure, via the dermal contact and ingestion pathways to future site users to any ground contamination that may remain following development.

No areas of soft landscaping are proposed.

Any ground gases (i.e., methane and carbon dioxide) and vapours that are present within the soils beneath the site could potentially ingress into the existing buildings through preferential pathways (e.g., service entry points). Therefore, there would be a risk of exposure via inhalation to future site users.

There is the potential for construction workers and adjacent land users to be exposed to soil and groundwater contamination during site redevelopment. However, the use of appropriate PPE and the adoption of suitable Health and Safety methods will help to reduce the risks posed to human health during this work.

4.5.2 Controlled Waters

The site is directly underlain by Thornhill Rock, which are designated as Secondary A Aquifer. It is considered that if any contamination is present at the surface, it would be in direct contact with the underlying aquifer and could allow the migration of contaminants to the groundwater.

There are 2 no. groundwater abstraction licences located within a 1km radius of the site. However, these are used for low sensitivity industrial uses.

The site is not located within a Source Protection Zone.

Overall, the risk to controlled waters is deemed to be low.

4.5.3 Building/Construction Materials/Buried Services

The presence of any soil and groundwater contaminants beneath the site could potentially impact on construction materials for future new developments, such as below ground structures and services. Concrete foundations are particularly sensitive to aggressive ground conditions, i.e., sulphate attack.

If ground gases and vapour are present in the soil beneath the site, then there would be the potential risk of ingress into the properties which could present a risk of explosion.

4.5.4 Mine Gas Risk Assessment

The development site is located within a Development High Risk Area defined by the Mining Remediation Authority, associated with the potential presence of shallow unrecorded workings. The following Mine Gas Risk Assessment has been completed in accordance with CL:AIRE 2021 Good Practice for Risk Assessment for Coal Mine Gas Emissions.

A separate Coal Mining Risk Assessment has been produced by EnviroSolution which provides greater conceptual understanding of the geological conditions. This includes a Consultants Mining Report from the Mining Remediation Authority. This should be read in conjunction with this Phase 1 report.

The Coal Authority Interactive Viewer map shows no shallow recorded workings beneath the site but a coal outcrop is shown within or in close proximity to the site boundary. Shallow underground workings of the Blocking coal seam has been discounted based on geological and historical records. Any workings of this seam would have been by crop workings. However, past crop workings of the seam are considered extremely unlikely.

Building Control records from the construction of the existing cabin to be replaced in 2014 show natural soils underlie the site.

A single mine entry has been identified within a 100m radius of the site. An adit is located 65m south of the site. Typically, this risk of mine gas from a shaft is considered minimal beyond a radius of 50m. Conversely there is a much greater risk of gas migration within 20m of a shaft. (CL:AIRE Good Practice for Risk Assessment for Coal Mine Gas Emissions, 2021).

The risk of mine gas to the proposed development site is therefore considered to be low.

4.6 Environmental Designations

The proposed development is not considered to pose a risk to the identified environmental receptor.

4.7 Preliminary Hazard Assessment

A preliminary hazard assessment is presented in Table 6. The preliminary hazard assessment is a qualitative assessment of the risks posed by each potential pollutant linkage described above and is used to identify the requirement for additional work (e.g., intrusive ground investigation).

Table 10 – Preliminary Hazard Assessment

Source 1	Pathway	Receptor	Likelihood	Effect	Risk	Assessment
Contaminated soil/groundwater	Ingestion (via soil dust), inhalation (via soil dust and particulates), Ingestion through dirty hands, dermal contact with soil/water.	Future site users Adjacent site users Construction workers	1	3	Low	No contamination source potential identified.
Contaminated soil groundwater	Direct contact	Buildings/services	1	3	Low	No contamination source identified.
Contaminated groundwater	Downward or lateral migration Surface water run-off	Secondary A Aquifer Lily Beck River Calder	1	3	Low	There are no sensitive groundwater abstraction licences located within a 1km radius of the site. The site is not located within a Source Protection Zone within a 1km radius of the site.
Ground gas / vapours Radon	Inhalation, ingress into buildings	Buildings / services Future site users Adjacent site users Construction workers	1	4	Low	No significant ground gas source identified from on-site or off-site sources. Site is located within a medium probability area for radon. However, basic radon protective measures are not required.

Using Risk Matrix (Table 11) Degree of Risk (R) = Likelihood (L) x Effect (E)

Table 11 - Risk Matrix, Degree of Risk (R) = Likelihood (L) x Effect (E)

Likelihood	Description	Probability	Effect (E)	Description
5	Almost certain	>70%		
4	Probable	50-70%	4	Severe
3	Likely	30-50%	3	Medium
2	Unlikely	10-30%	2	Mild
1	Negligible	<10%	1	Minor
Risk (R)	Risk Level	Action		
1-5	Low	None required		
6-10	Moderate	Further assessment via Phase 2 intrusive ground investigation.		
>10	High	Further assessment via Phase 2 intrusive ground investigation.		

5 Conclusions and Recommendations

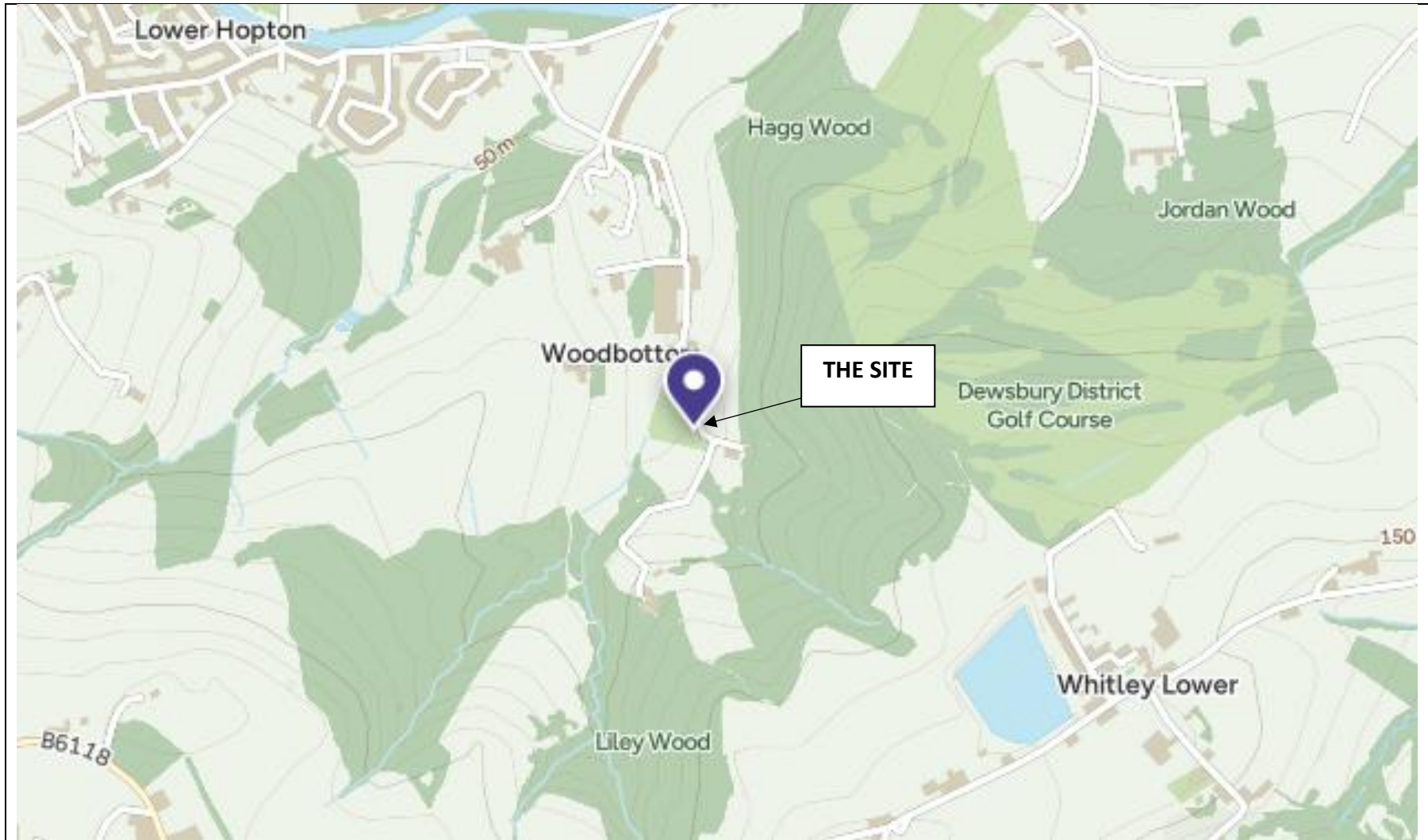
The preliminary environmental site assessment indicates that the site can be classified as low risk in terms of contamination and the risks to the identified receptors (e.g., human health, controlled waters, buildings) following redevelopment is considered to be low. A Phase 2 intrusive ground investigation is not deemed necessary prior to site redevelopment.

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APPENDICES

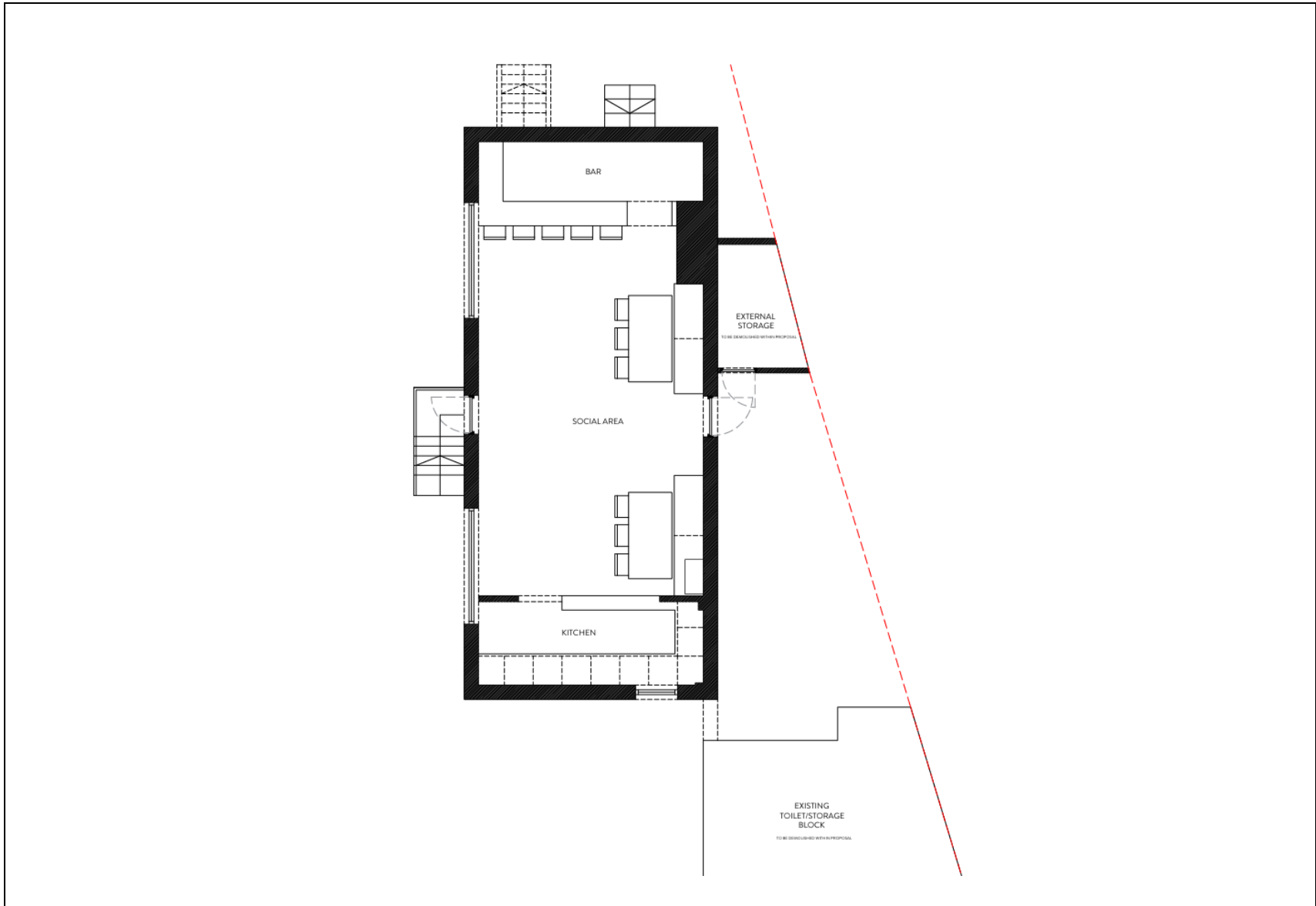
Appendix A – Site Location and Site Plan



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Site Location Map

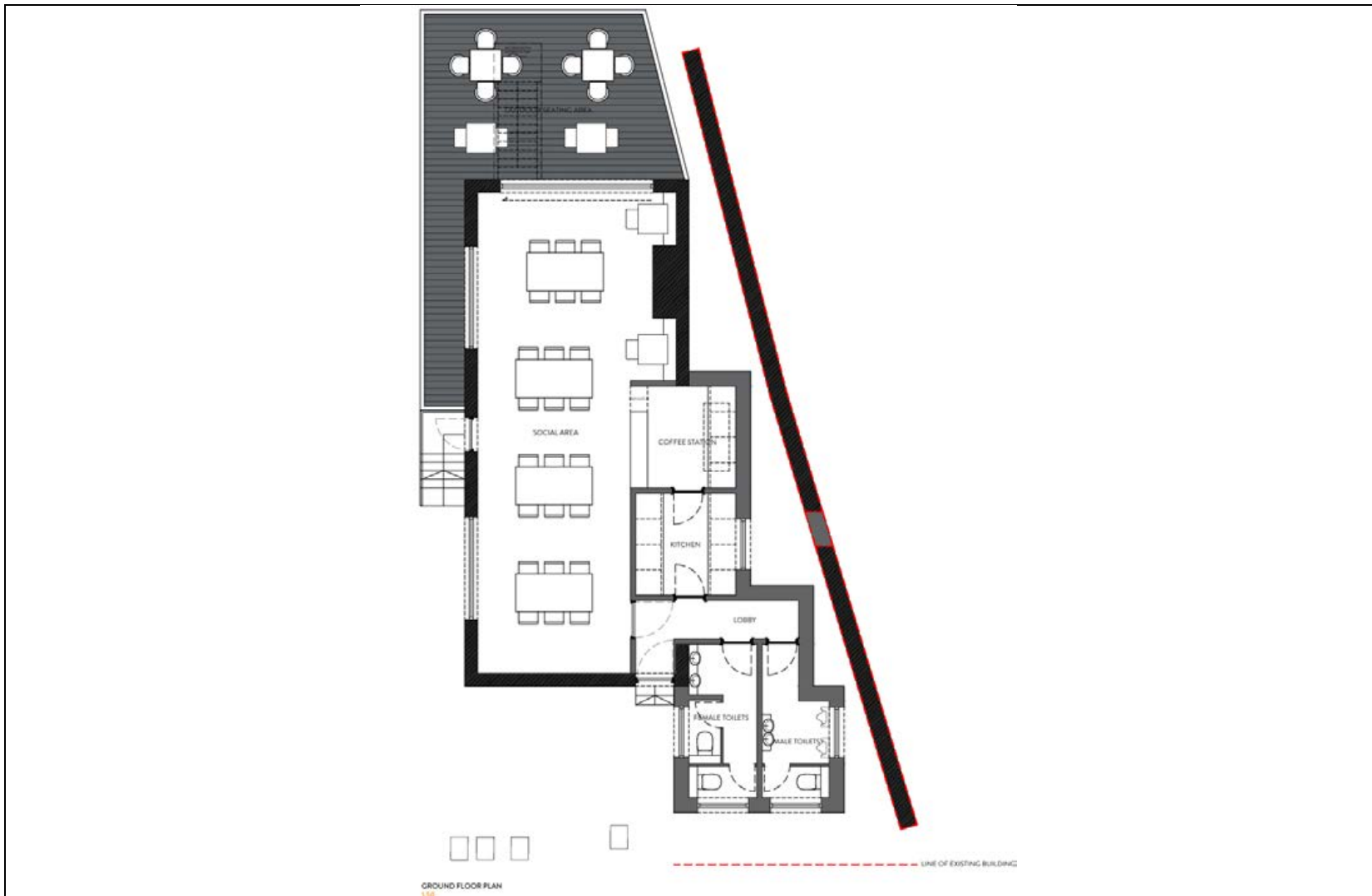
Figure 1



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Existing Site Plan

Figure 2



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Proposed Development Plan

Figure 3

Appendix B – Site Photographs



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Site access road



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Site access road



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View of site looking south



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Existing changing rooms



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View of site looking north



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Changing rooms



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Southern elevation



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Cricket field looking northwest



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Front elevations



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Area to rear of clubhouse



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Area to rear of clubhouse showing existing toilets



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Building control record of existing cabin (2014)

Appendix C – Historic Maps

Historical Mapping Legends

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

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

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

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

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

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

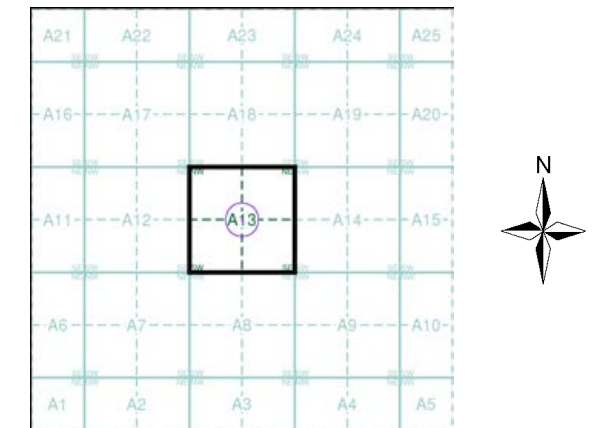
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LANDMARK INFORMATION GROUP®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1893	2
Yorkshire	1:2,500	1907	3
Yorkshire	1:2,500	1919	4
Ordnance Survey Plan	1:2,500	1961	5
Additional SIMs	1:2,500	1961 - 1989	6
Supply of Unpublished Survey Information	1:2,500	1975	7
Ordnance Survey Plan	1:2,500	1979	8
Additional SIMs	1:2,500	1982	9
Additional SIMs	1:2,500	1989	10
Large-Scale National Grid Data	1:2,500	1993	11
Historical Aerial Photography	1:2,500	1999	12

Historical Map - Segment A13



Order Details

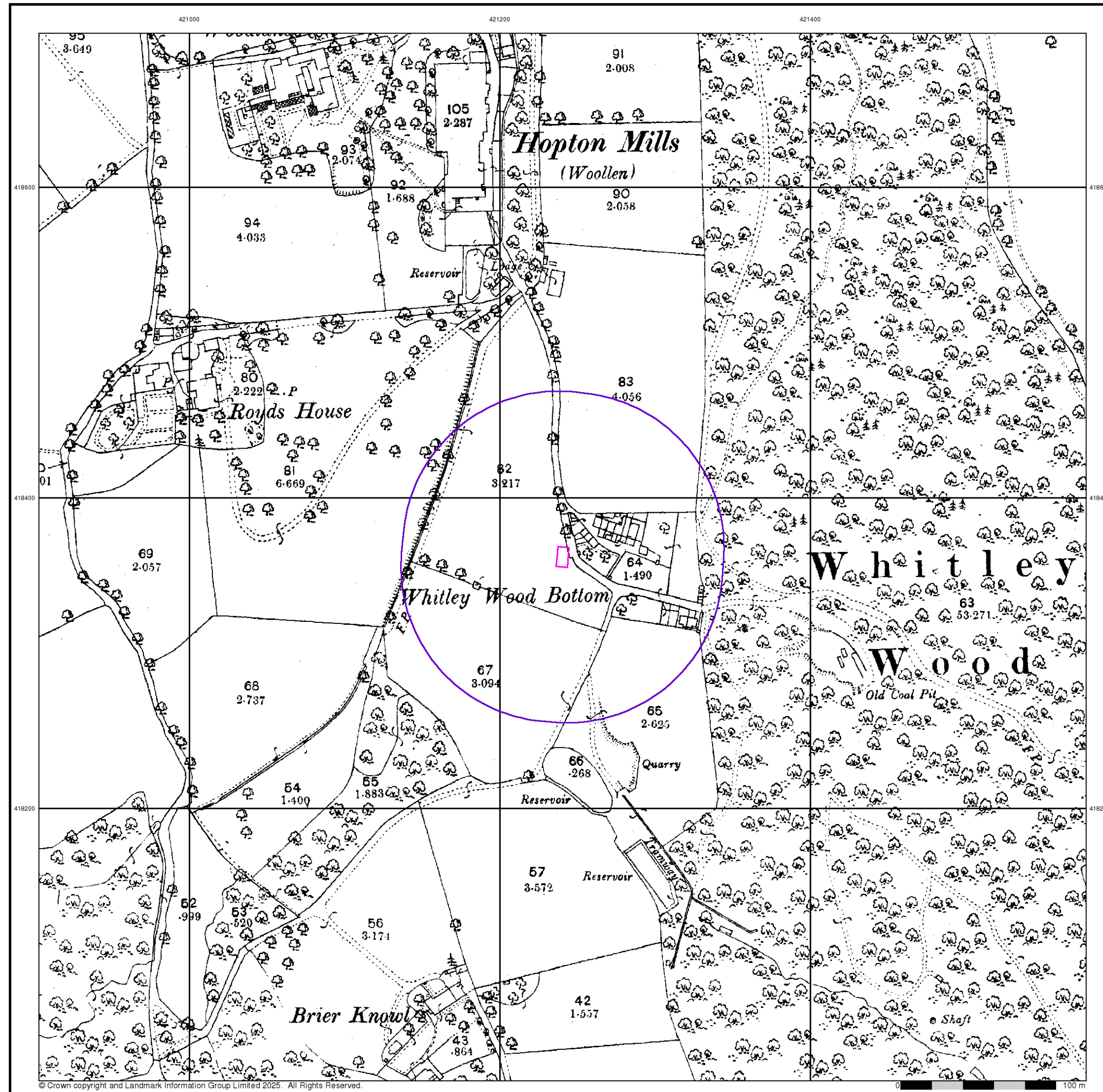
Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

Landmark
 INFORMATION GROUP

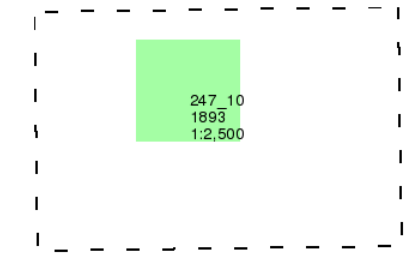
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



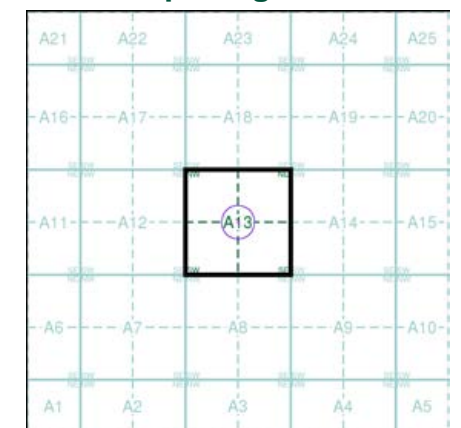
Yorkshire
Published 1893
Source map scale - 1:2,500

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)



Historical Map - Segment A13

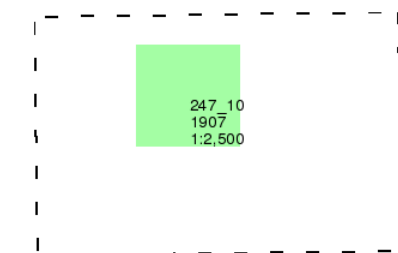


Order Details
 Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

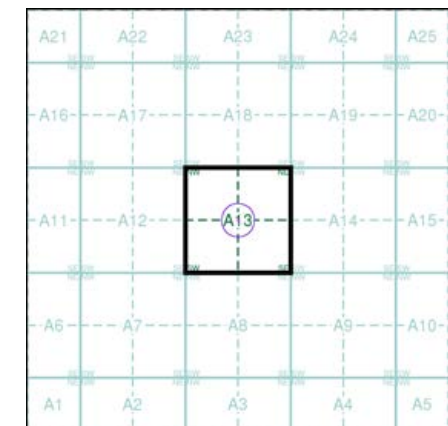
Site Details
 Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

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

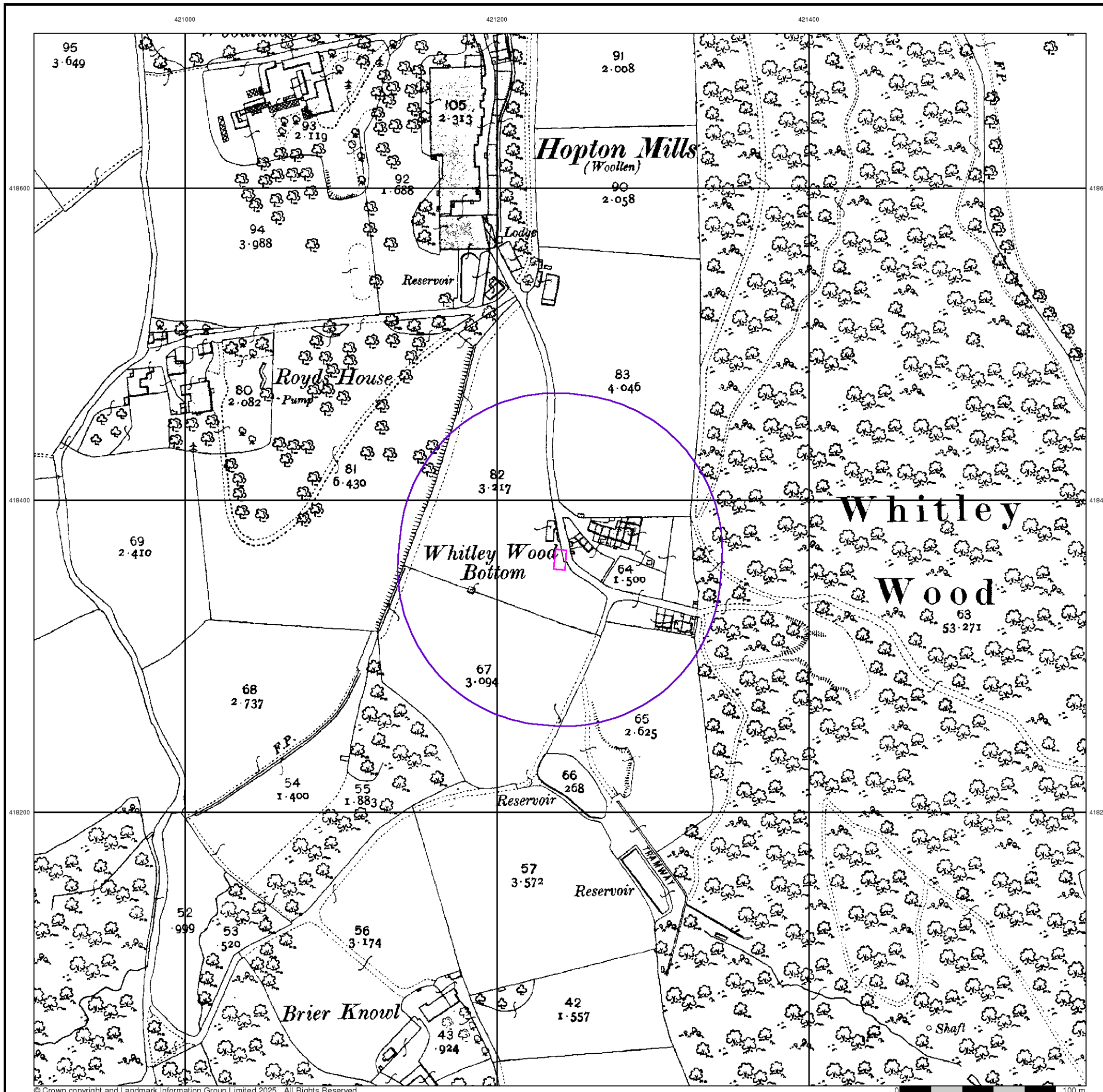


Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

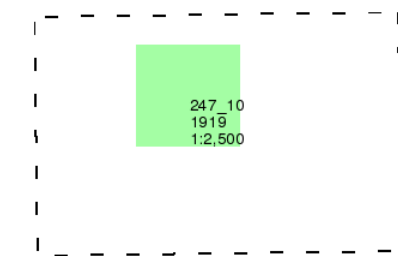
Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

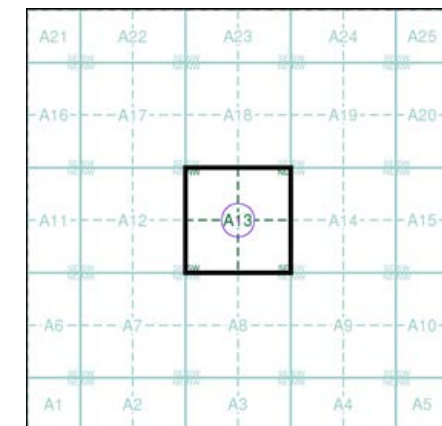


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

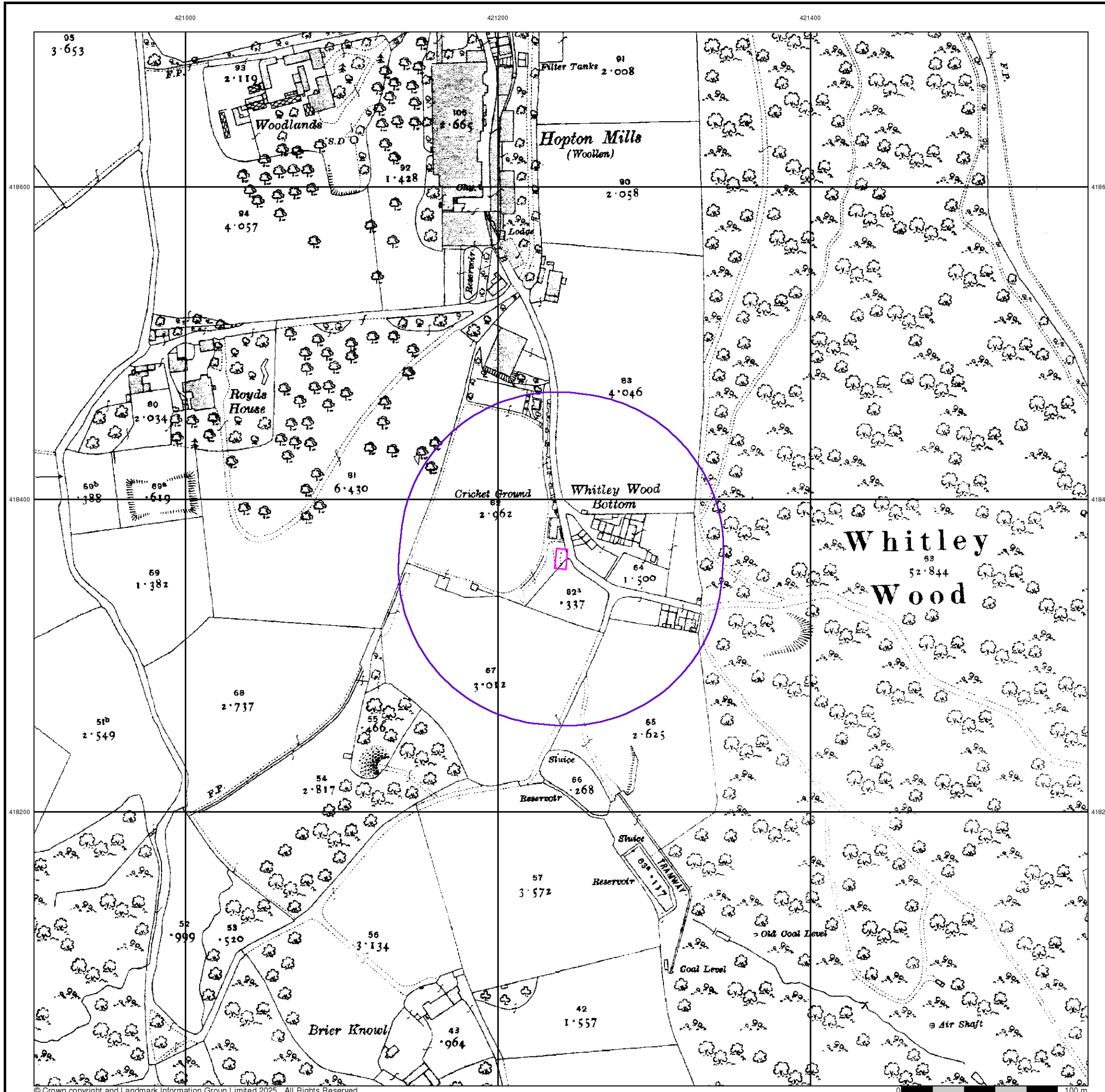


Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



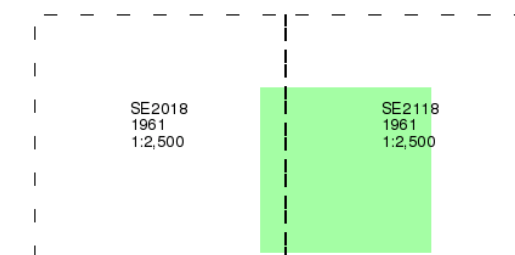
Ordnance Survey Plan

Published 1961

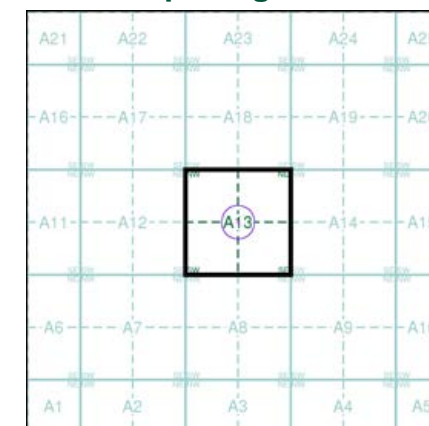
Source map scale - 1:2,500

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

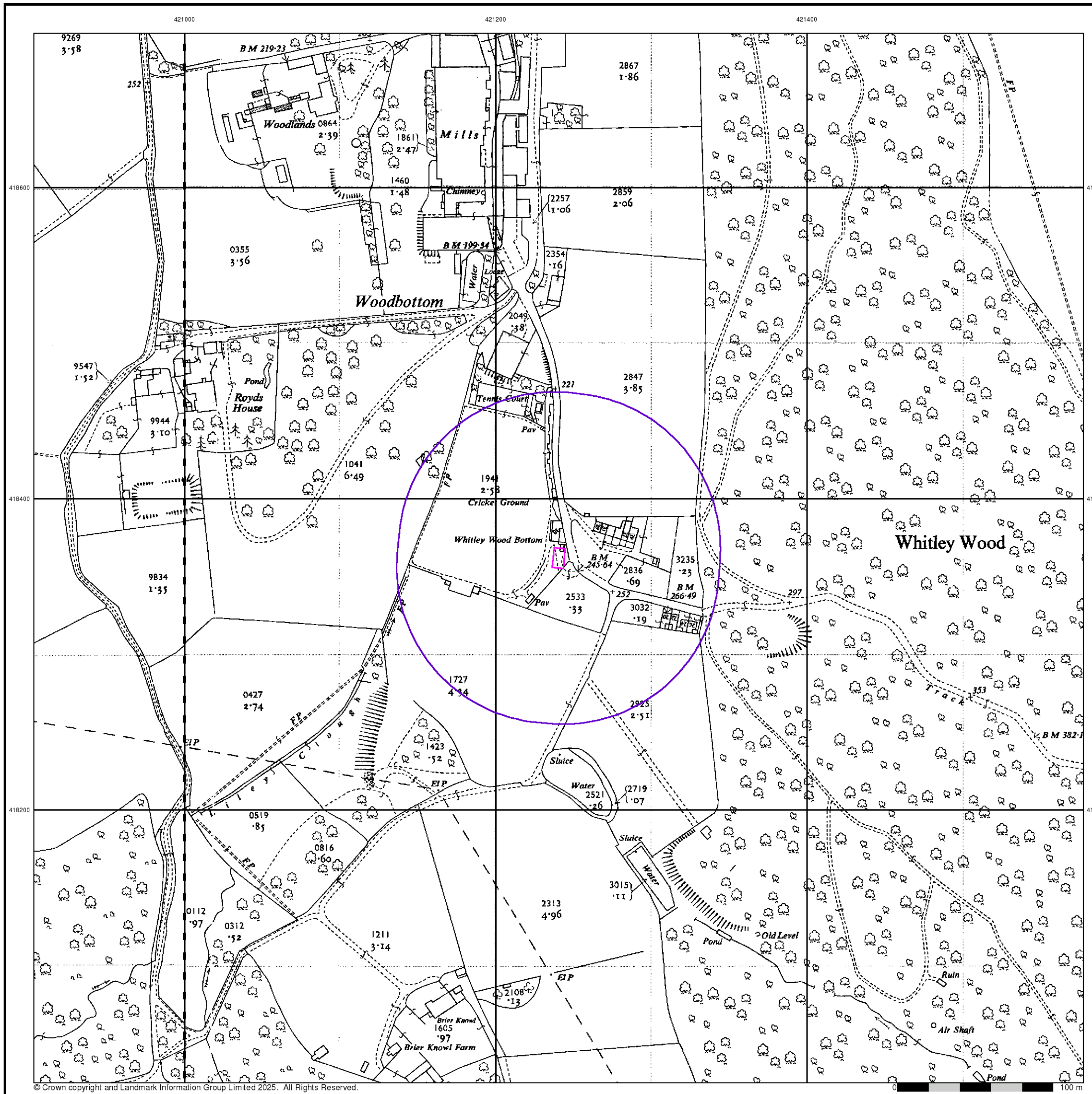


Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



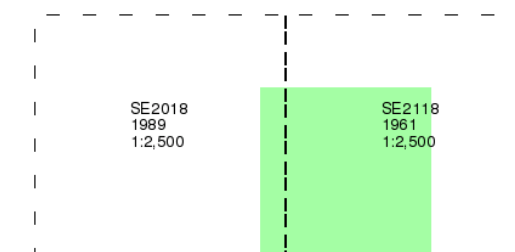
Additional SIMs

Published 1961 - 1989

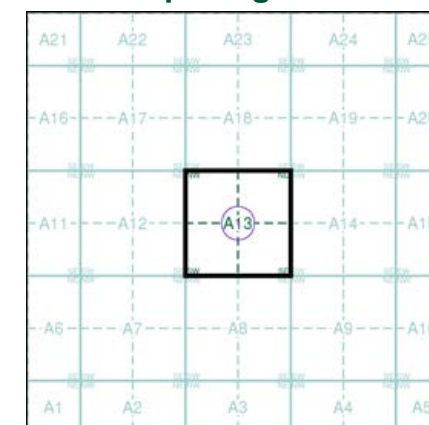
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

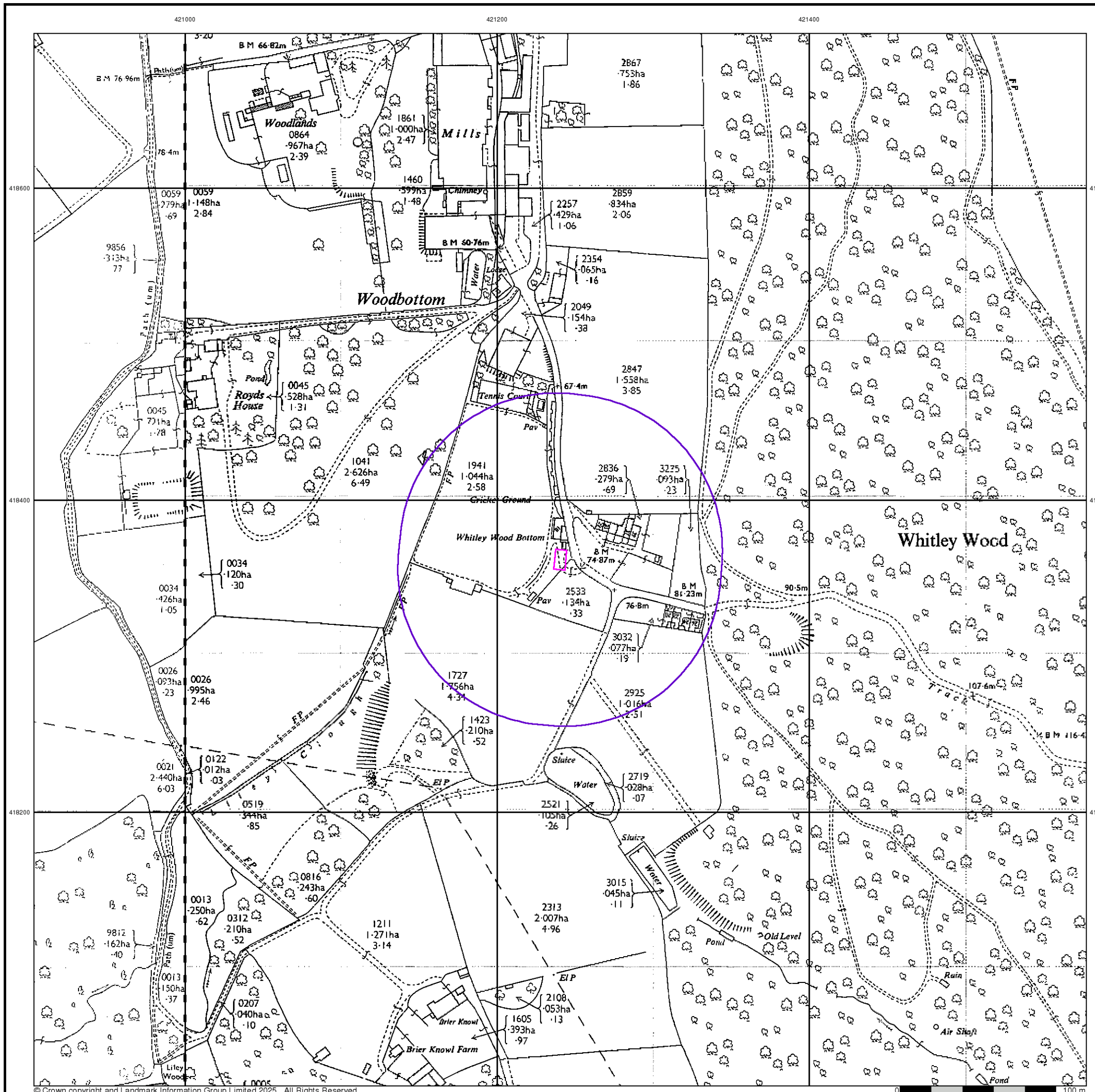


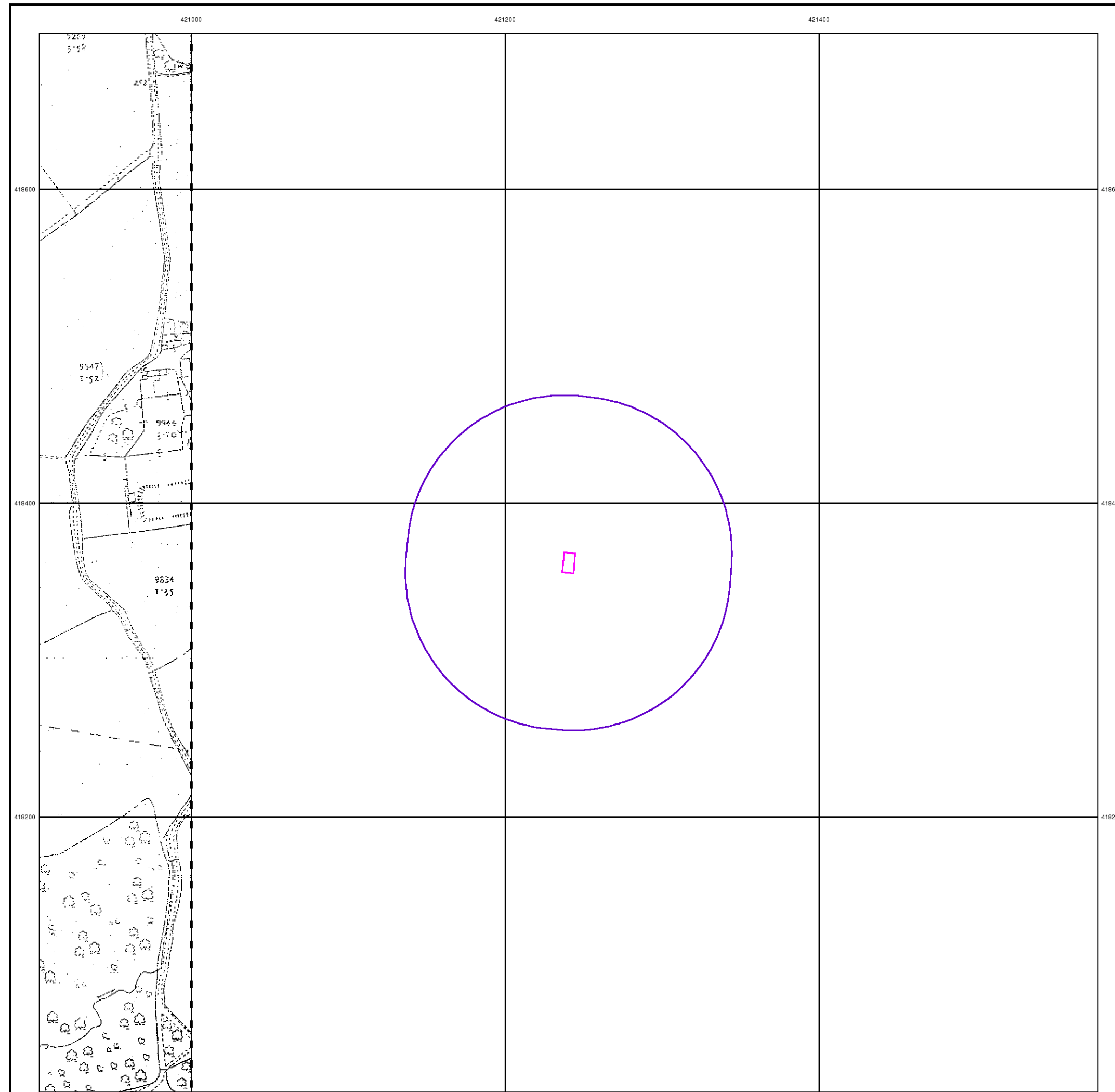
Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG





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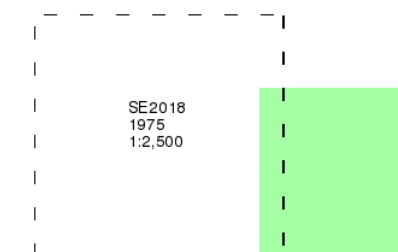
Supply of Unpublished Survey Information

Published 1975

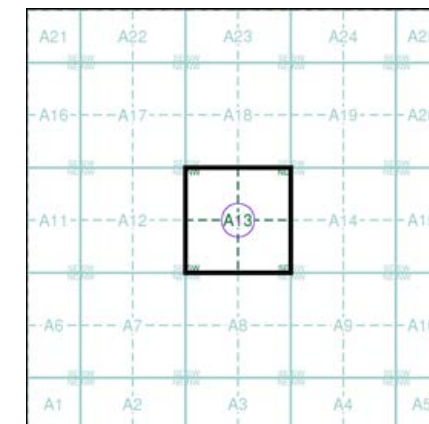
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
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 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

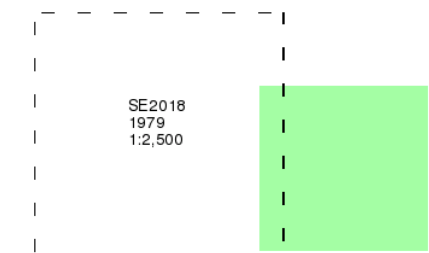
Ordnance Survey Plan

Published 1979

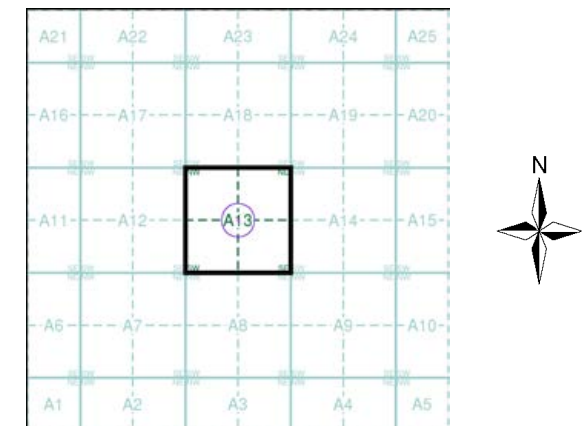
Source map scale - 1:2,500

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

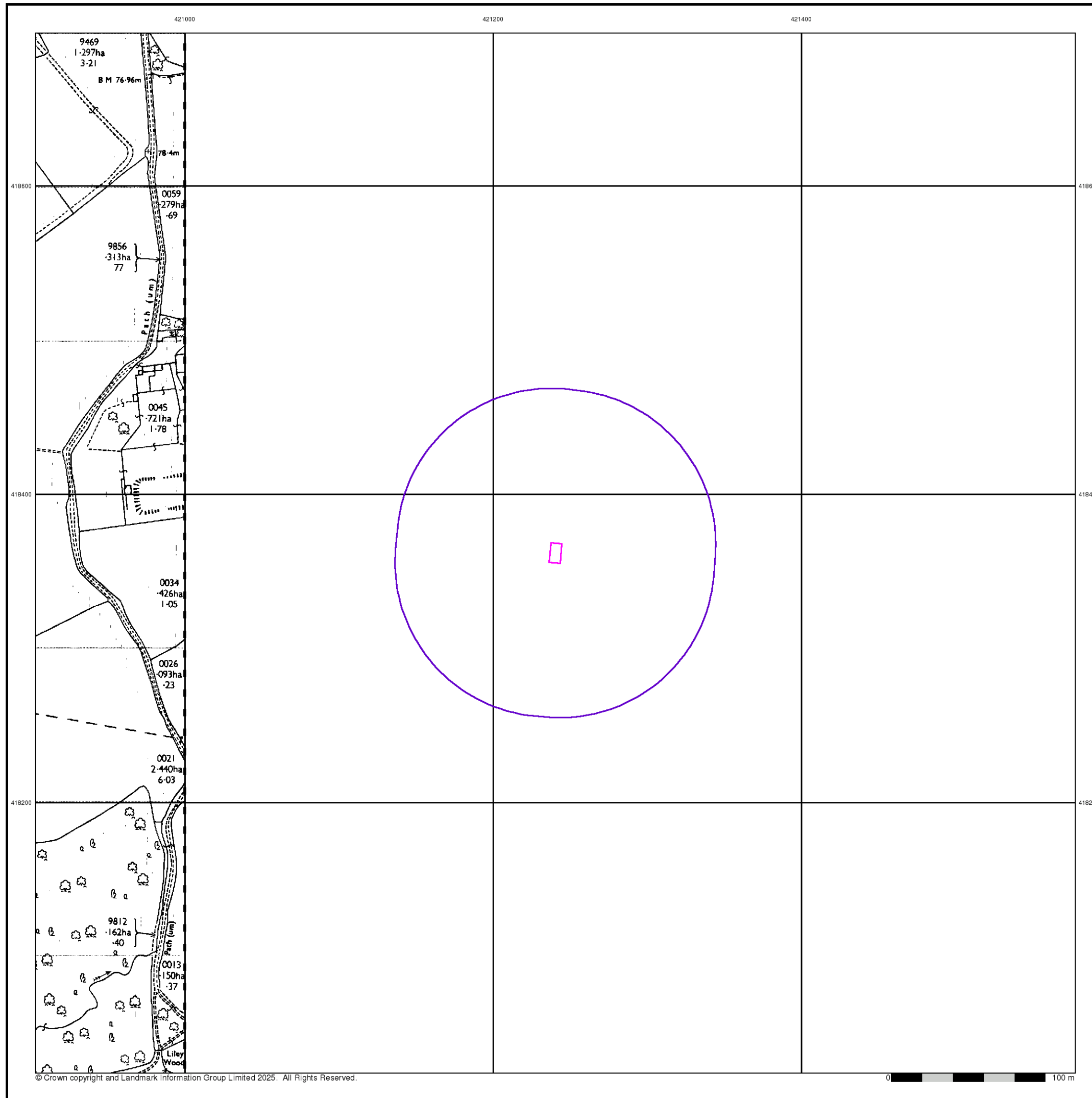


Order Details

Order Number: 378087728_1_1
Customer Ref: ES030625
National Grid Reference: 421240, 418360
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



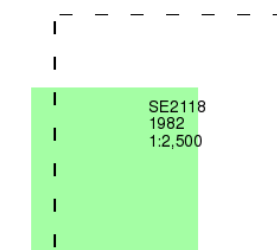
Additional SIMs

Published 1982

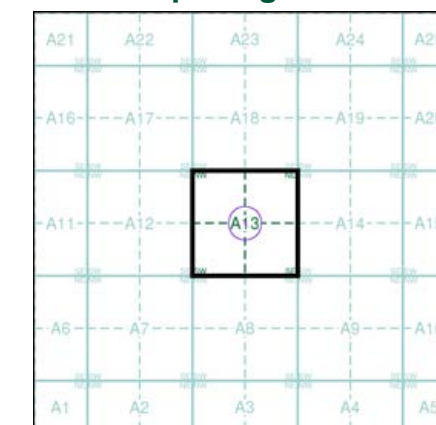
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

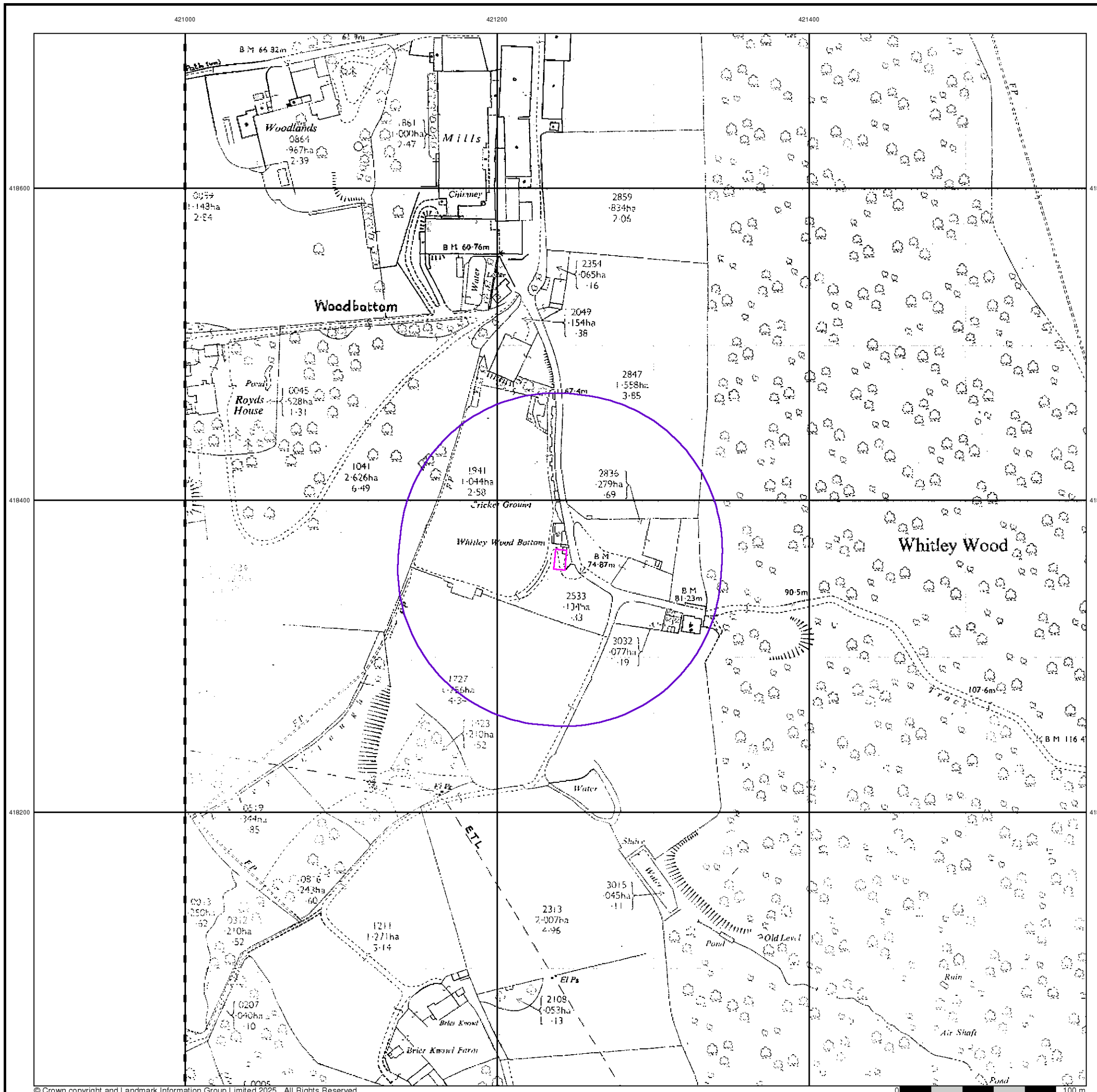


Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



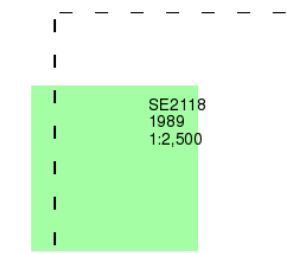
Additional SIMs

Published 1989

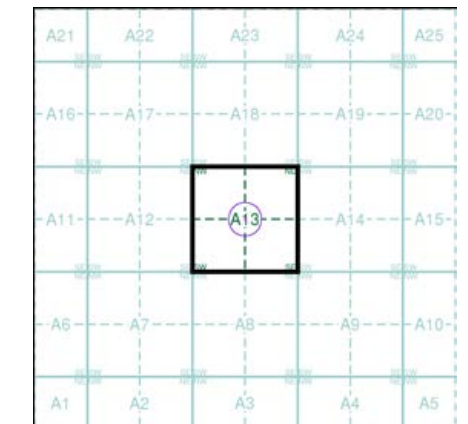
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

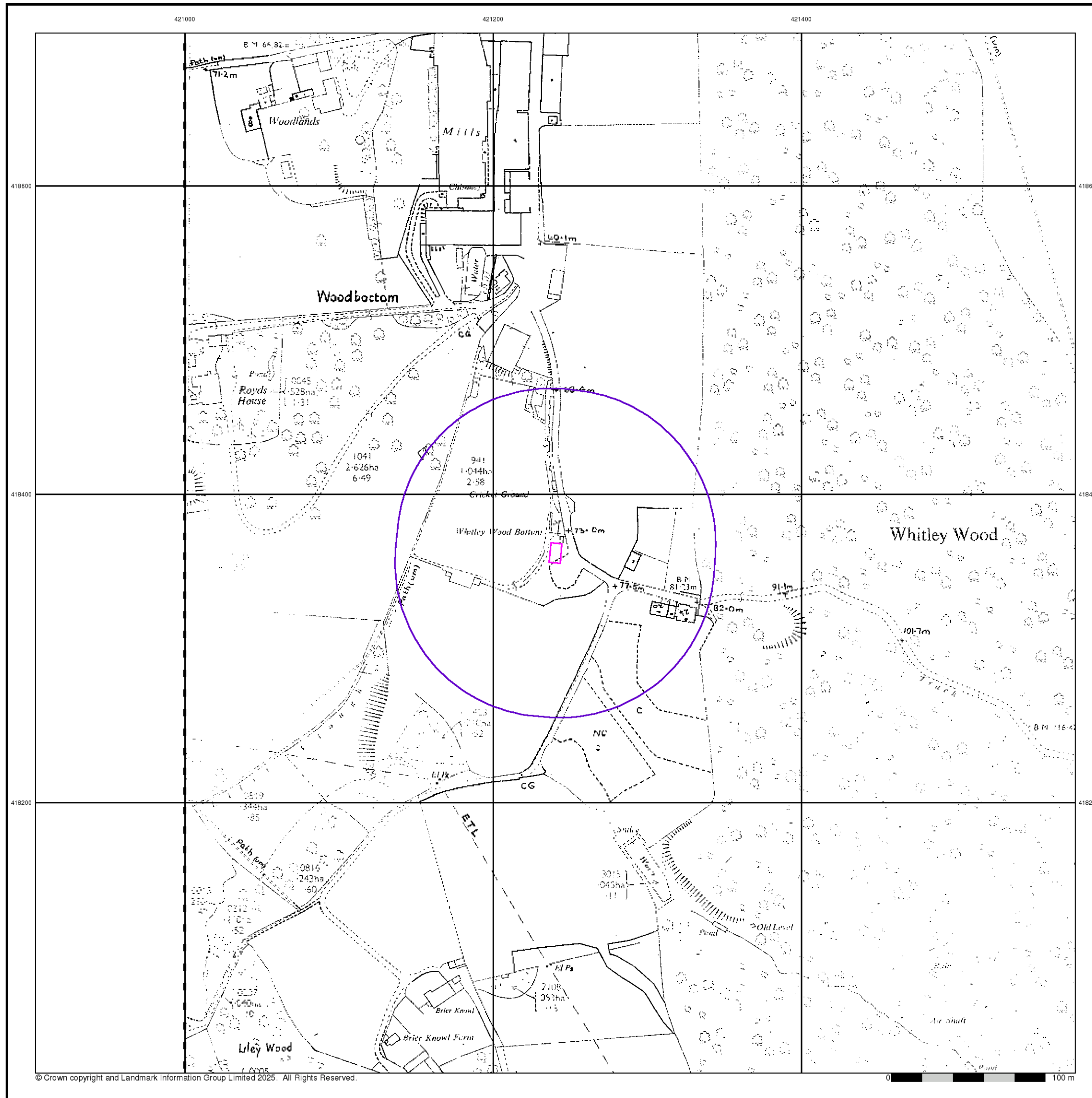


Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



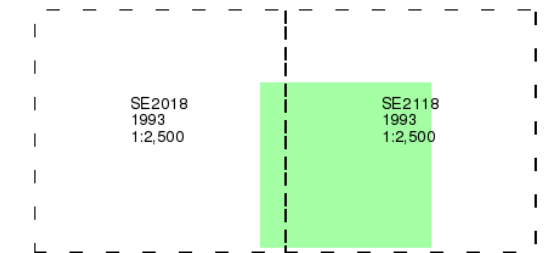
Large-Scale National Grid Data

Published 1993

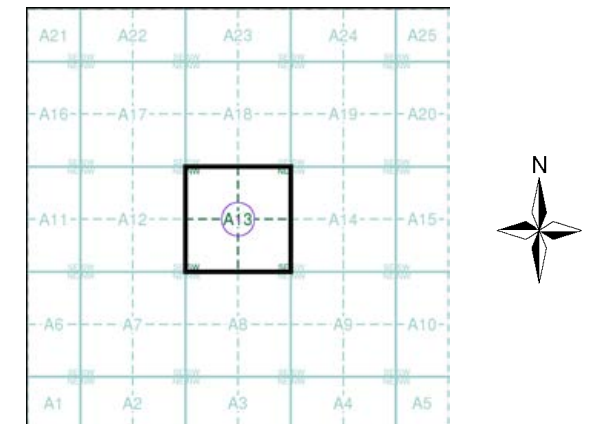
Source map scale - 1:2,500

'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

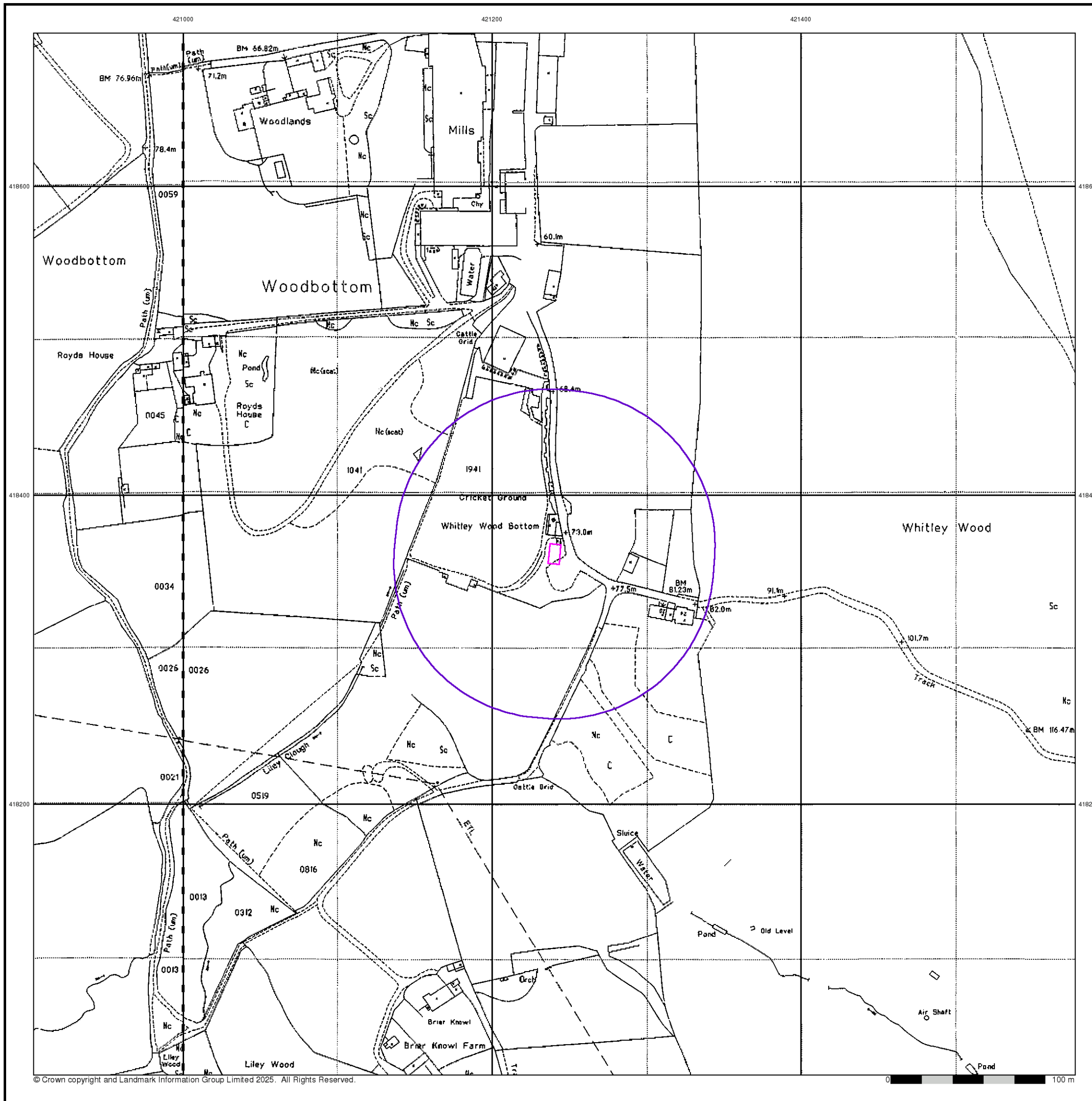


Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



421000

421200

421400

418600

418600

418400

418400

418200

418200



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0 100 m

Envirocheck®

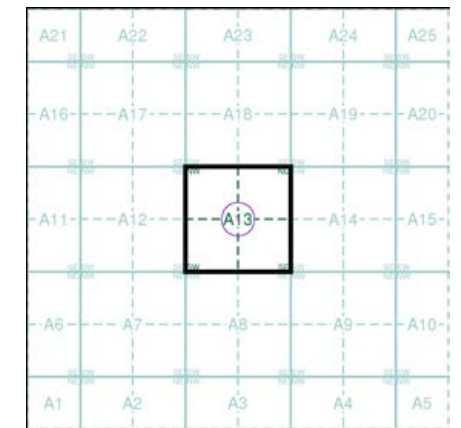
● LANDMARK INFORMATION GROUP®

Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 100

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

Landmark
 ● LANDMARK INFORMATION GROUP

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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

- Chalk Pit, Clay Pit or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Lake, Loch or Pond
- Dunes
- Boulders
- Coniferous Trees
- Non-Coniferous Trees
- Orchard
- Scrub
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Geographical County
- Administrative County, County Borough or County of City
- Municipal Borough, Urban or Rural District, Burgh or District Council
- Borough, Burgh or County Constituency
- Civil Parish
- BP, BS** Boundary Post or Stone
- Ch** Church
- CH** Club House
- F E Sta** Fire Engine Station
- FB** Foot Bridge
- Fn** Fountain
- GP** Guide Post
- MP** Mile Post
- MS** Mile Stone
- Pol Sta** Police Station
- PO** Post Office
- PC** Public Convenience
- PH** Public House
- SB** Signal Box
- Spr** Spring
- TCB** Telephone Call Box
- TCP** Telephone Call Post
- W** Well

1:10,000 Raster Mapping

- Gravel Pit
- Rock
- Boulders
- Shingle
- Sand
- Slopes
- Refuse tip or slag heap
- Rock (scattered)
- Boulders (scattered)
- Mud
- Sand Pit
- Top of cliff
- Underground detail
- Narrow gauge railway
- Single track railway
- Civil, parish or community boundary
- Constituency boundary
- Area of wooded vegetation
- Non-coniferous trees
- Coniferous trees
- Positioned tree
- Coppice or Osiers
- Heath
- Marsh, Salt Marsh or Reeds
- Flow arrows
- Mean high water (springs)
- Mean low water (springs)
- Electricity transmission line (with poles)
- Triangulation station
- Pylon, flare stack or lighting tower
- Glasshouse
- Important Building

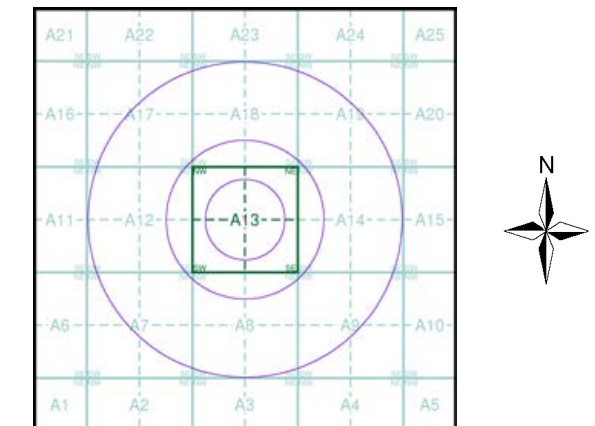
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1855	3
Yorkshire	1:10,560	1894	4
Yorkshire	1:10,560	1908	5
Yorkshire	1:10,560	1930 - 1931	6
Yorkshire	1:10,560	1938	7
Yorkshire	1:10,560	1948	8
Ordnance Survey Plan	1:10,000	1955 - 1956	9
Ordnance Survey Plan	1:10,000	1965 - 1966	10
Ordnance Survey Plan	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1983 - 1989	12
Batley	1:10,000	1983	13
Huddersfield	1:10,000	1984	14
Ordnance Survey Plan	1:10,000	1993	15
10K Raster Mapping	1:10,000	2000	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2024	18

Historical Map - Slice A



Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

Landmark
 INFORMATION GROUP

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

Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

	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		Natural Gas Tank
	Tailings Pile		Fuel Storage Tanks
	Bench Mark		Drill Hole
	Burial Mound		Triangulation Point on Burial Mound
	Single-track Railroad		Double-track Railroad
	Railroad and Station Building		Small Bridge
	Pipe (Culvert)		Tunnel
	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
180/12 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 IA)

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
	Cut		Fill
	Km Post		Plantings
	Telegraph/Telephone Lines		Main Highway
	Highway under Construction		Improved Dirt Road (former truck road)
	Small Bridge		Pipe (Culvert)
	Tunnel		Dismantled Railroad
	Double-track Railroad with First Class Station		Railroad Under Construction
	Shore Embankment		River or Ditch with Embankment
	Water Reservoir or Rain Water Pit		Spring
	Well		Isobath with value
	Heavy (Index) Contour Line		Half Contour Line
	Contour Line and Value		Spot Elevation Value
	Coniferous		Deciduous
	Mixed		Scrub

Key to Numbers on Mapping

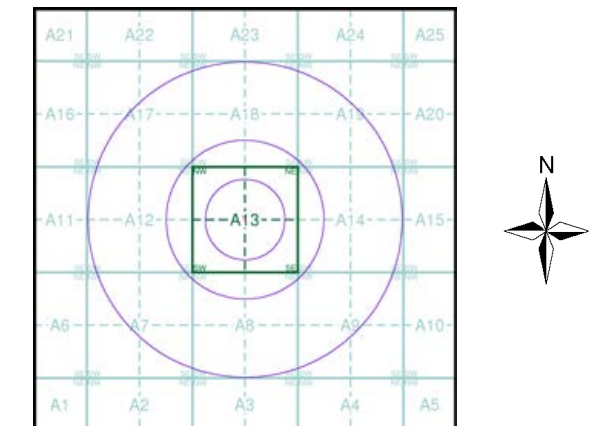
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1855	3
Yorkshire	1:10,560	1894	4
Yorkshire	1:10,560	1908	5
Yorkshire	1:10,560	1930 - 1931	6
Yorkshire	1:10,560	1938	7
Yorkshire	1:10,560	1948	8
Ordnance Survey Plan	1:10,000	1955 - 1956	9
Ordnance Survey Plan	1:10,000	1965 - 1966	10
Ordnance Survey Plan	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1983 - 1989	12
Batley	1:10,000	1983	13
Huddersfield	1:10,000	1984	14
Ordnance Survey Plan	1:10,000	1993	15
10K Raster Mapping	1:10,000	2000	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2024	18

Russian Map - Slice A



Order Details

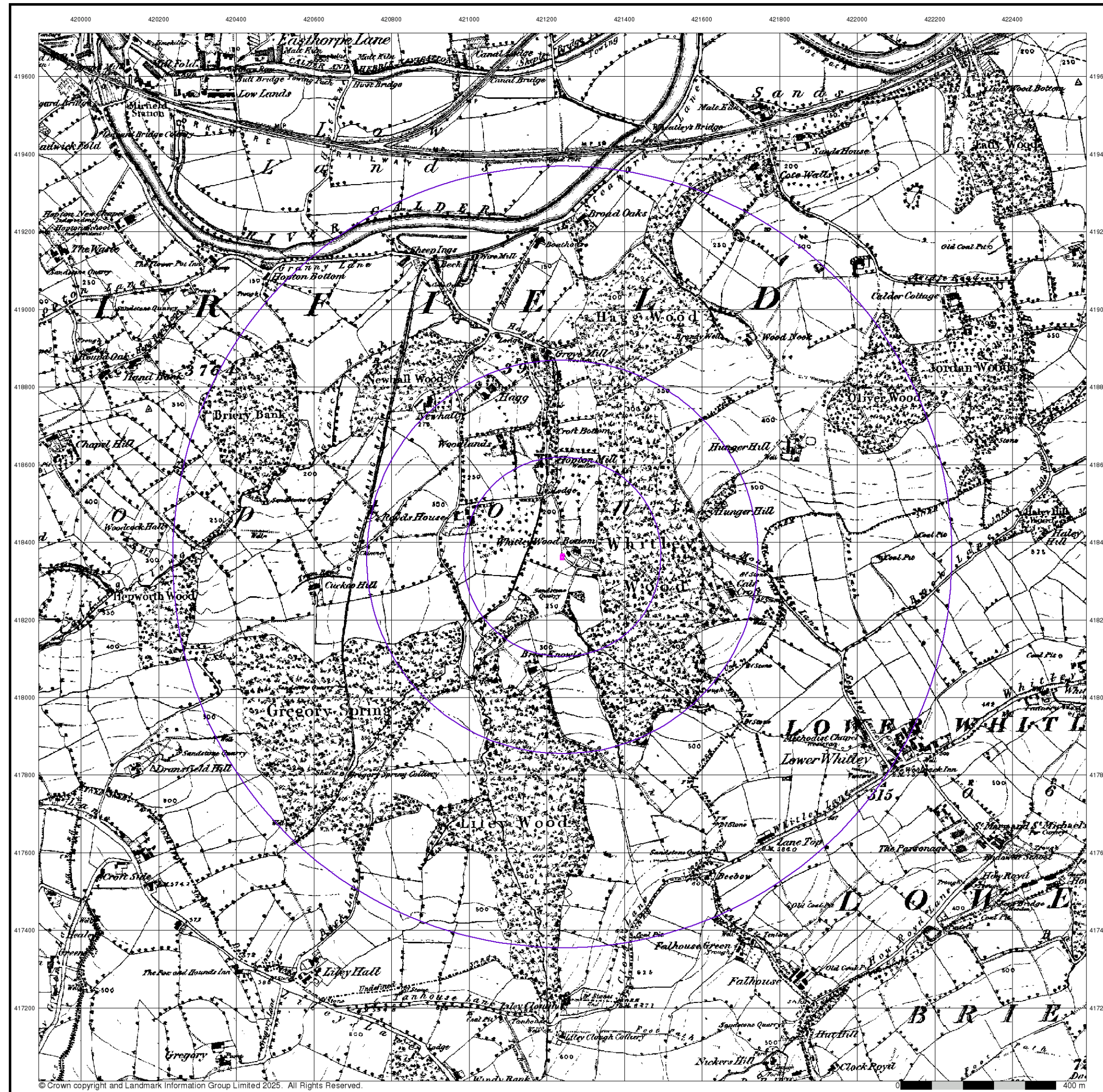
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 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
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Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

Landmark
 INFORMATION GROUP

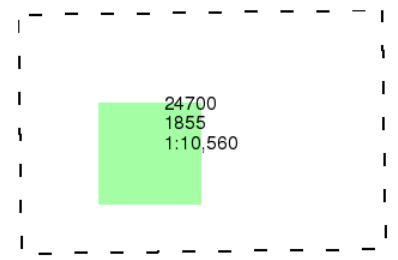
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



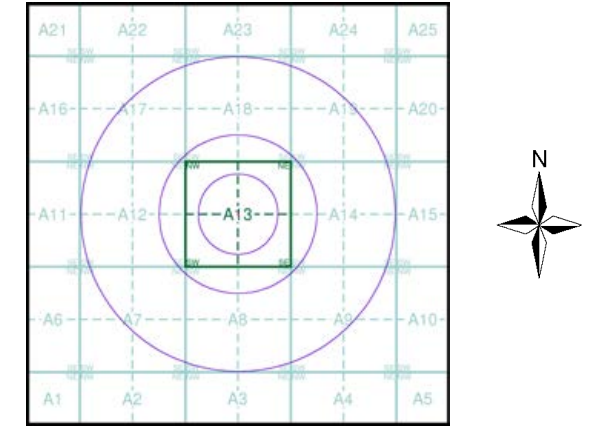
Yorkshire
Published 1855
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

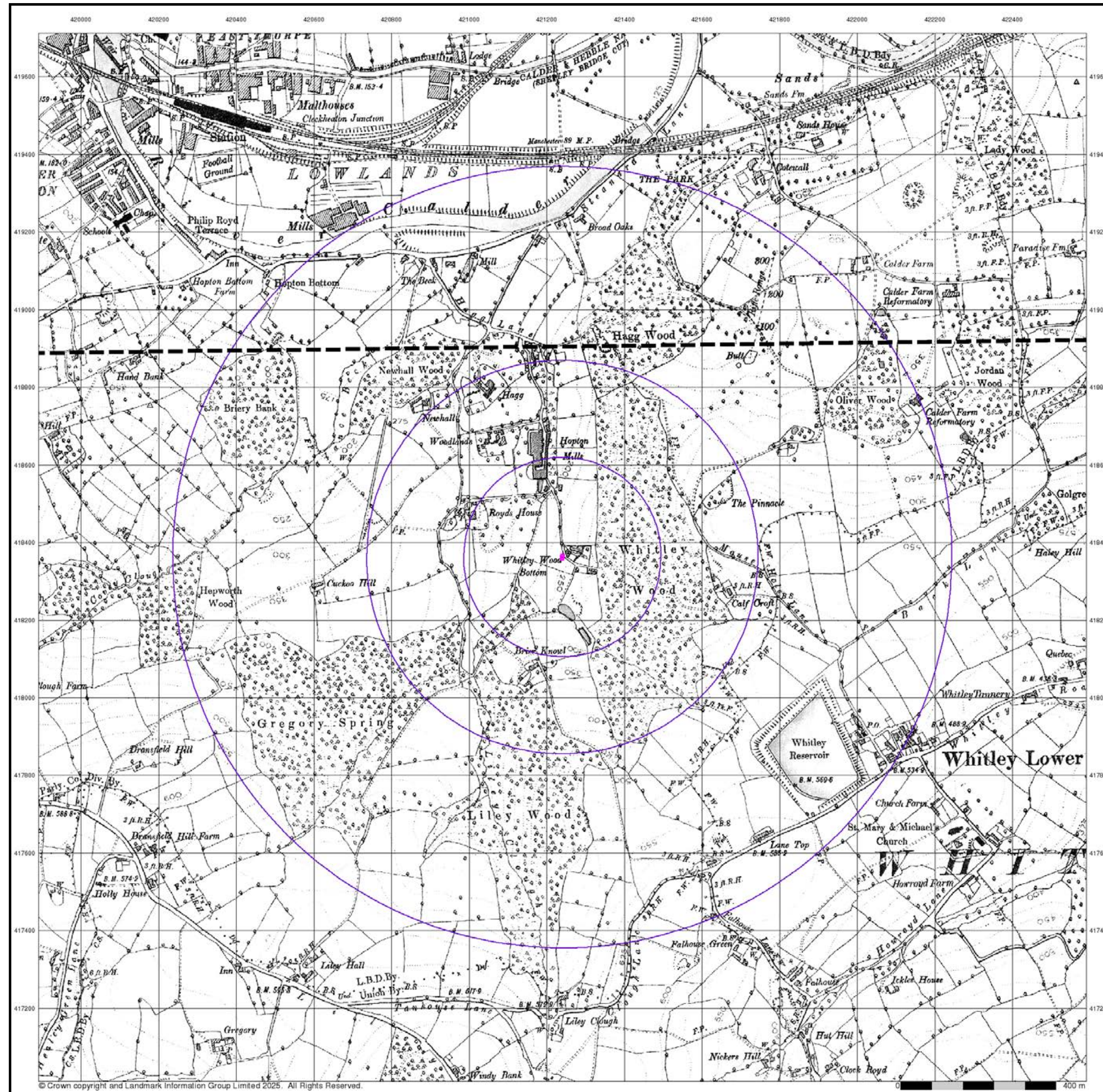


Historical Map - Slice A



Order Details
 Order Number: 378087728_1_1
 Customer Ref: ES030625
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Site Details
 Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

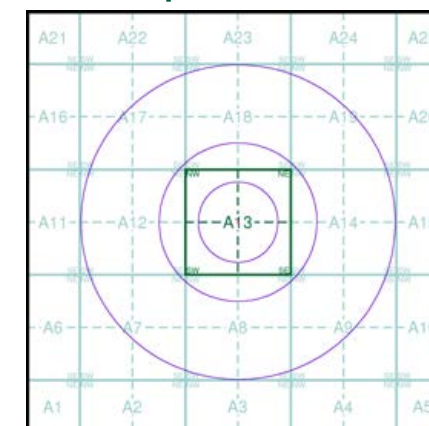


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Map Name(s) and Date(s)

247NW	1894	1:10,560
247SW	1894	1:10,560

Historical Map - Slice A



Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
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 Search Buffer (m): 1000

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

Yorkshire

Published 1908

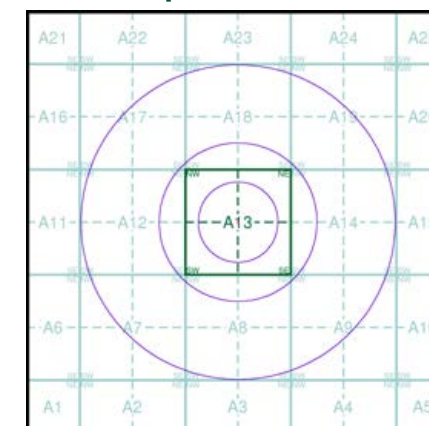
Source map scale - 1:10,560

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)

247NW	1908	1:10,560
247SW	1908	1:10,560

Historical Map - Slice A

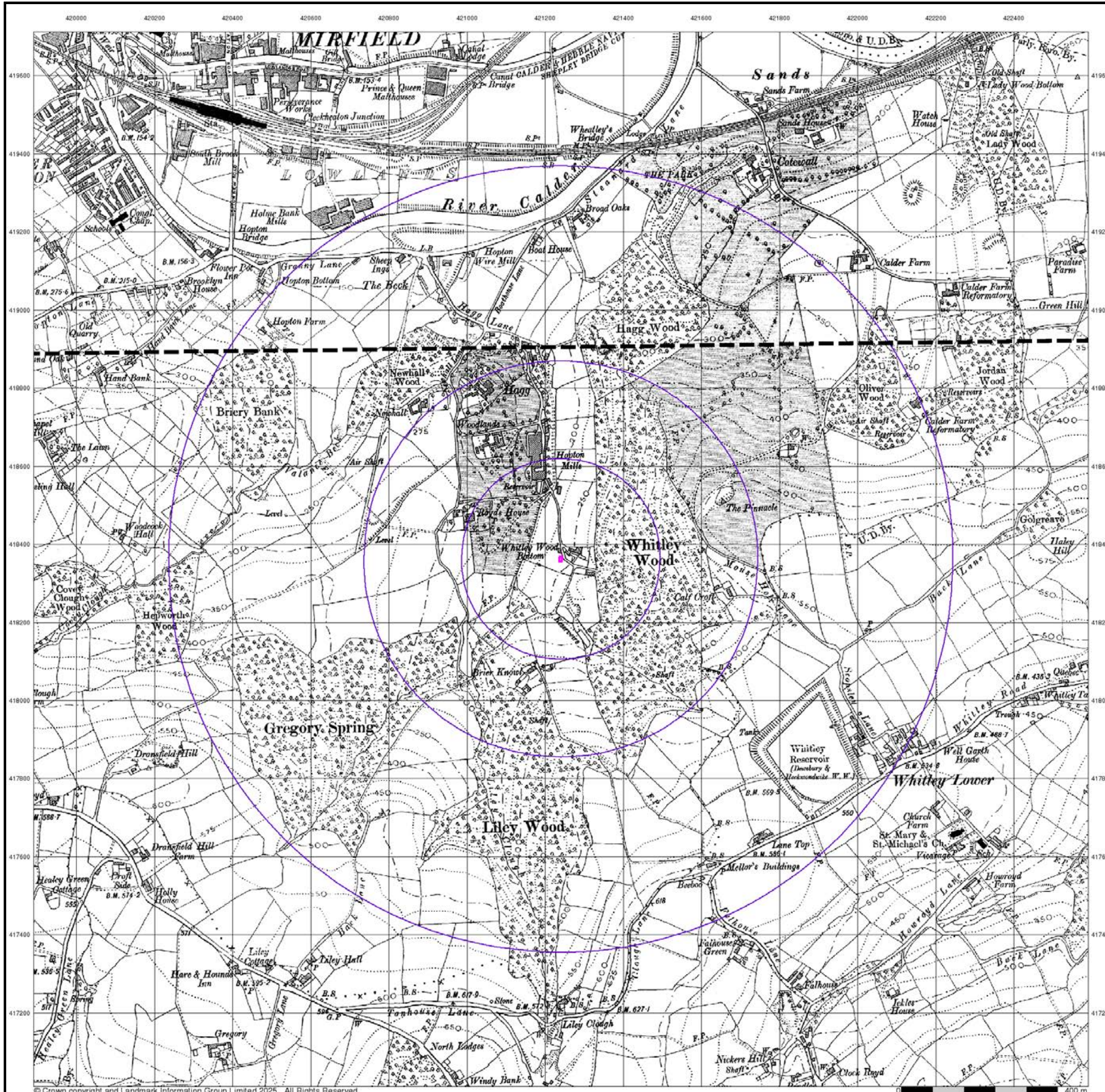


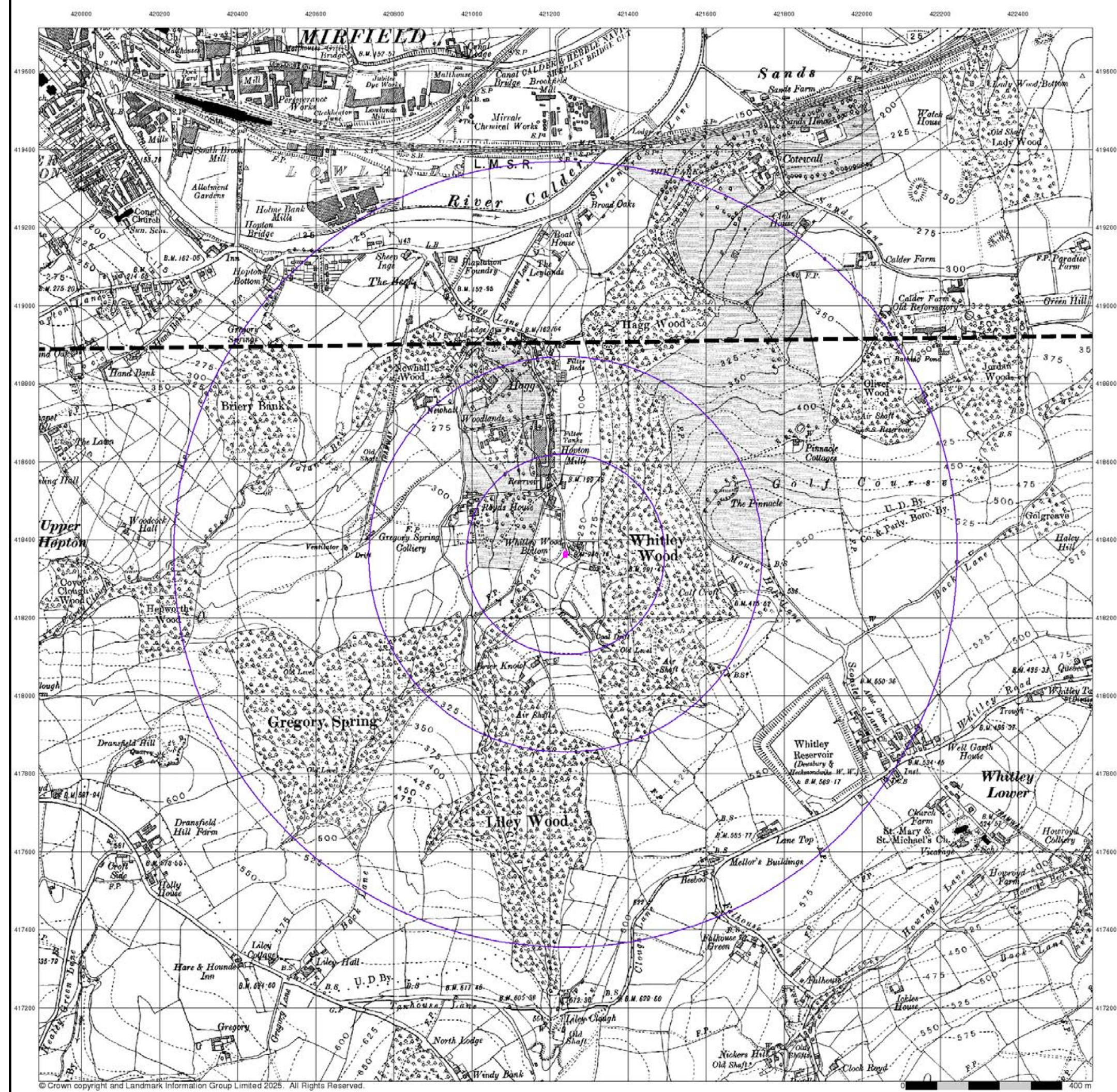
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Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG





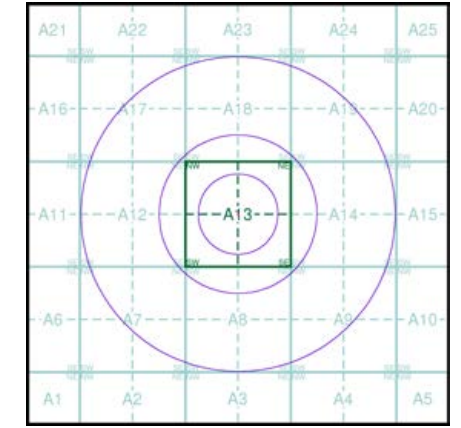
Yorkshire
Published 1930 - 1931
Source map scale - 1:10,560

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)

247NW	1931	1:10,560
247SW	1930	1:10,560

Historical Map - Slice A

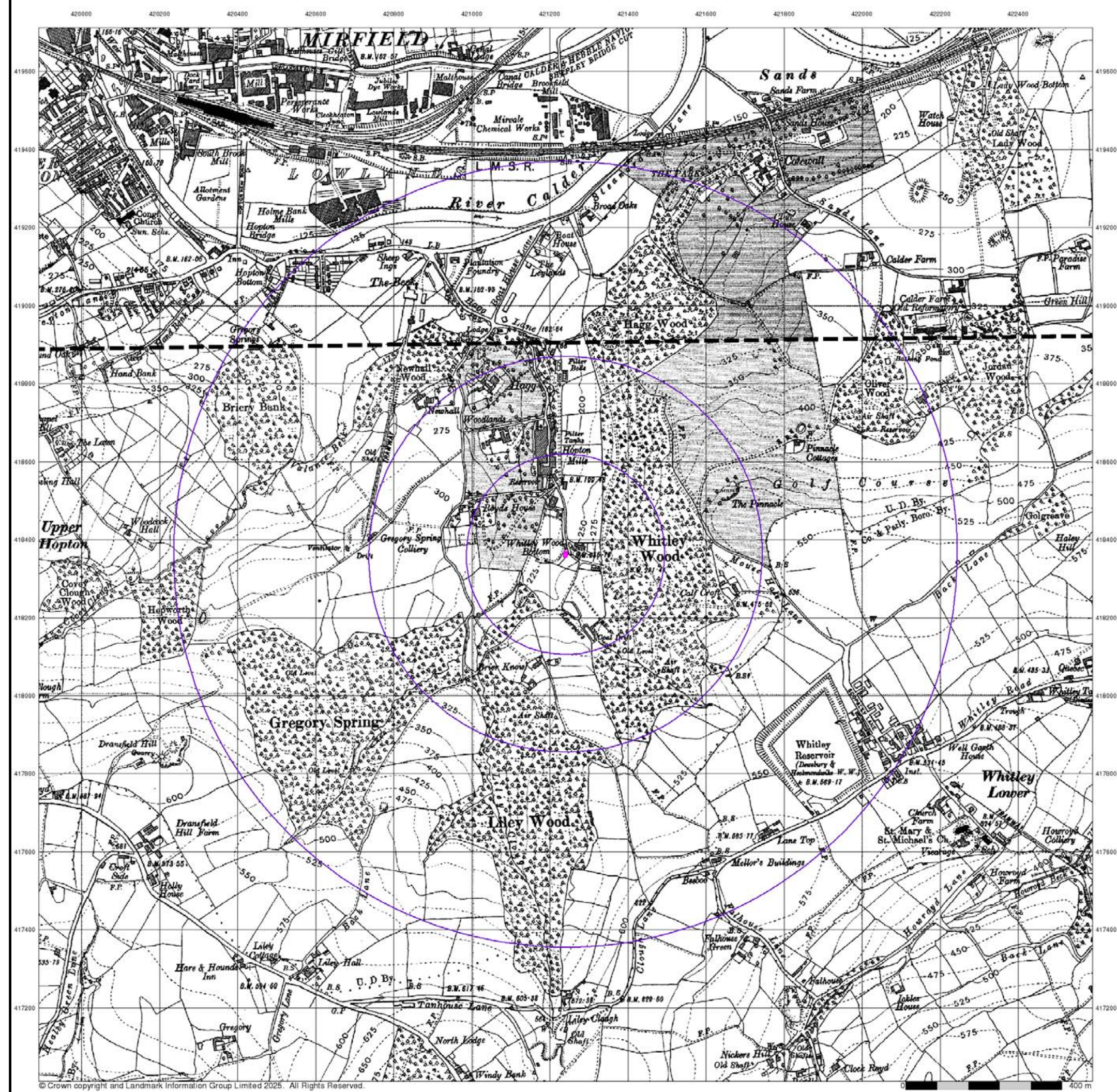


Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
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Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



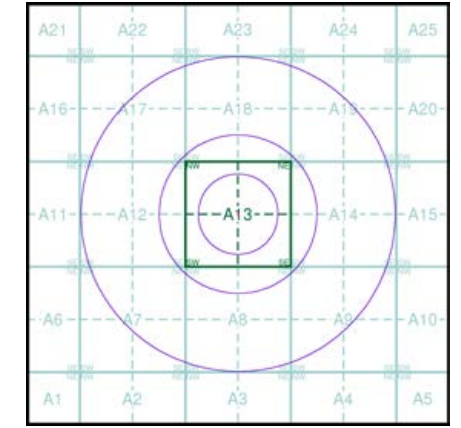
Yorkshire
Published 1938
Source map scale - 1:10,560

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 overlaid 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)

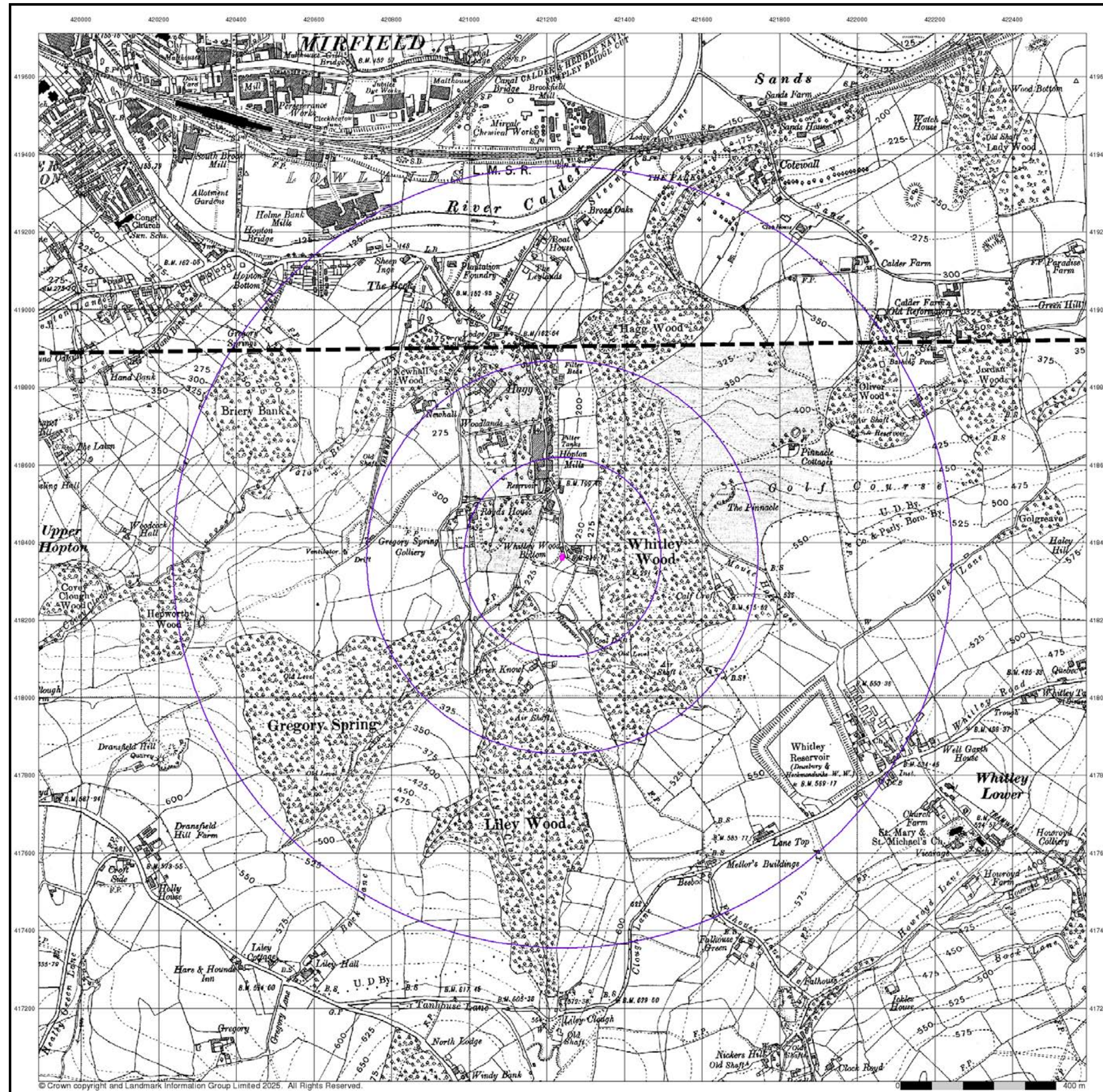
247NW	1938	1:10,560
247SW	1938	1:10,560

Historical Map - Slice A



Order Details
 Order Number: 378087728_1_1
 Customer Ref: ES030625
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Site Details
 Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



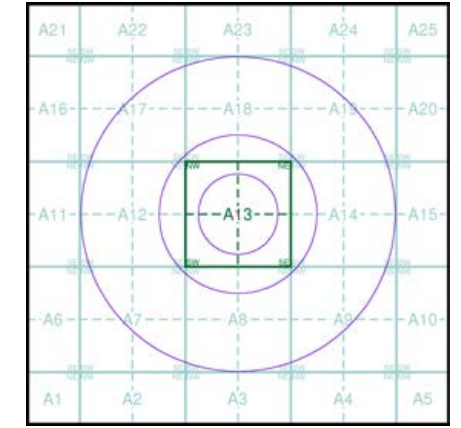
Yorkshire
Published 1948
Source map scale - 1:10,560

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)

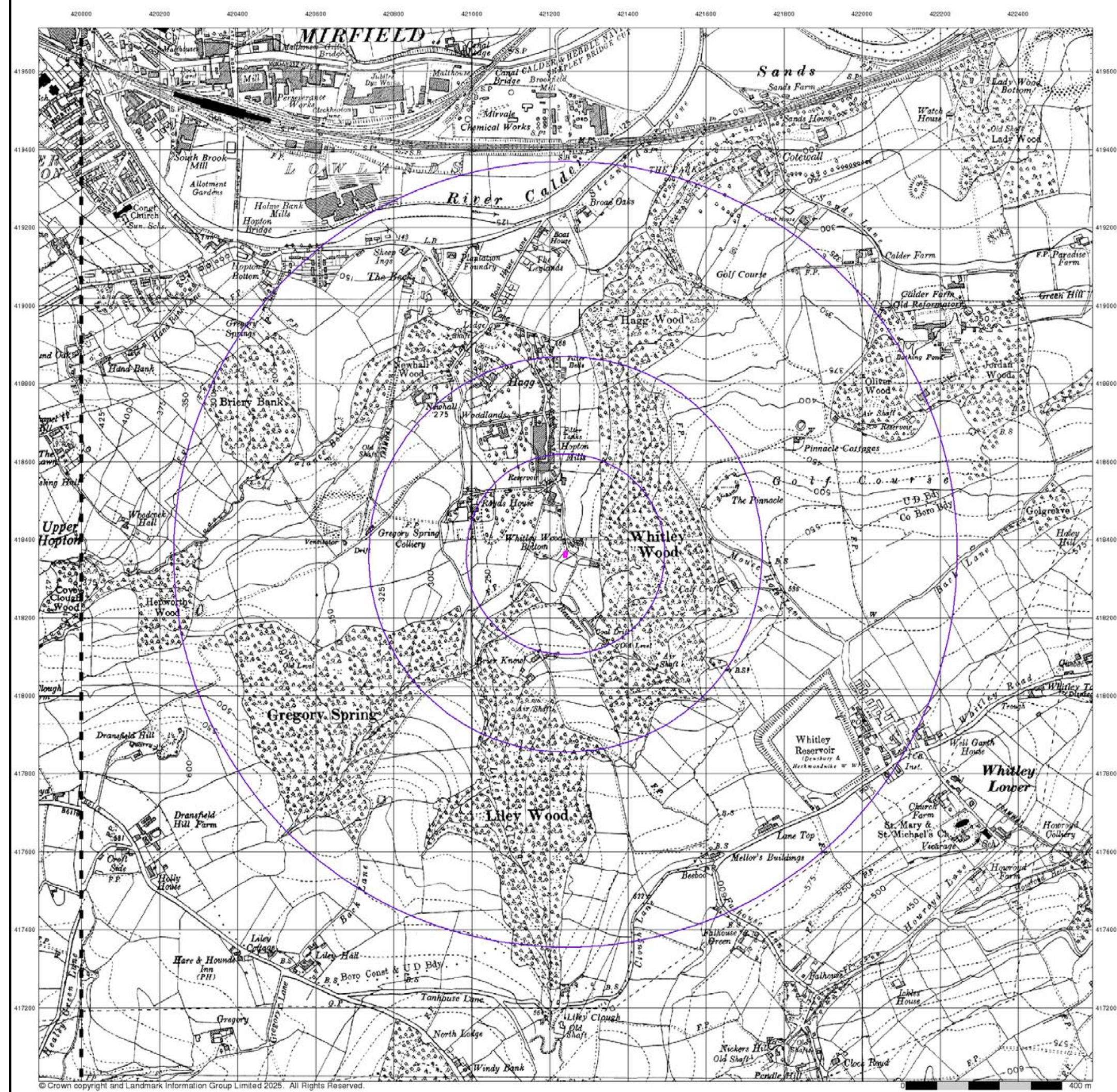
247NW	1948	1:10,560
247SW	1948	1:10,560

Historical Map - Slice A



Order Details
 Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
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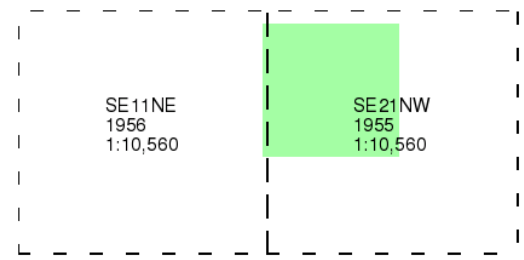
Site Details
 Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



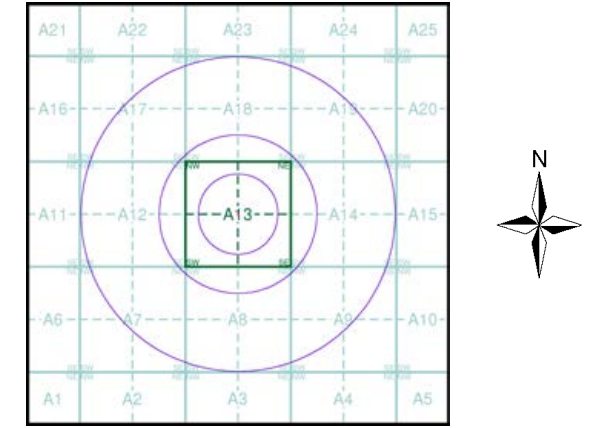
Ordnance Survey Plan Published 1955 - 1956 Source map scale - 1:10,000

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

Map Name(s) and Date(s)

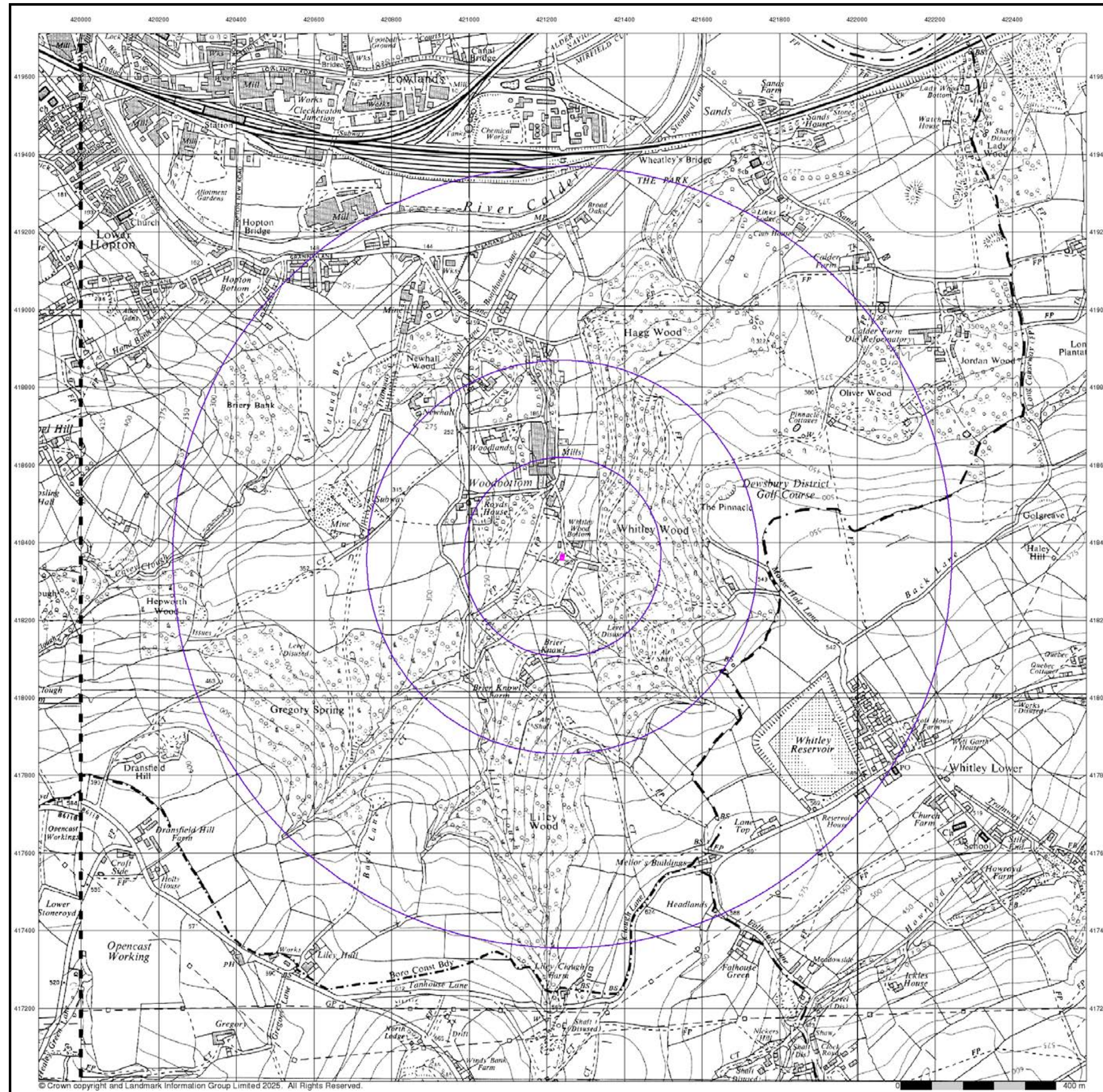


Historical Map - Slice A



Order Details
 Order Number: 378087728_1_1
 Customer Ref: ES030625
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Site Details
 Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



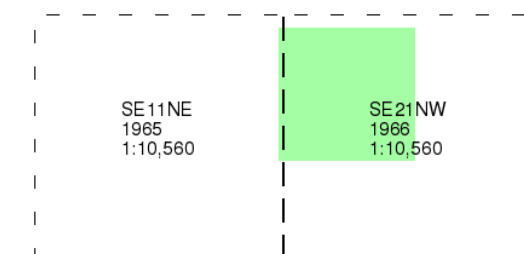
Ordnance Survey Plan

Published 1965 - 1966

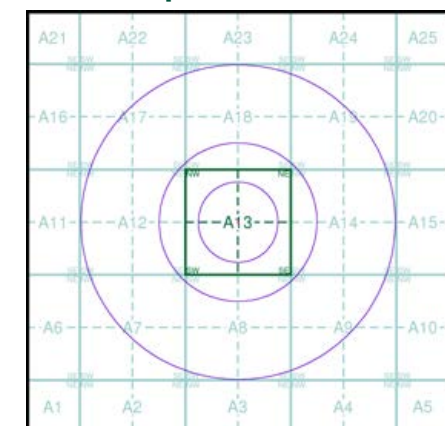
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
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Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

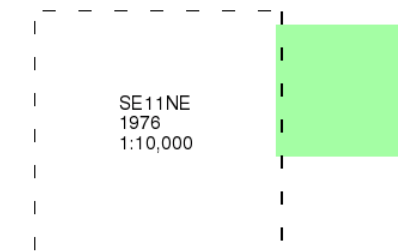
Ordnance Survey Plan

Published 1976

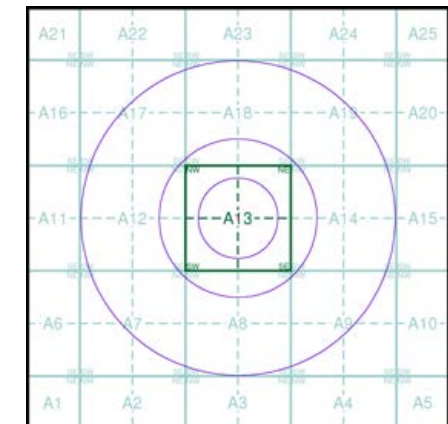
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

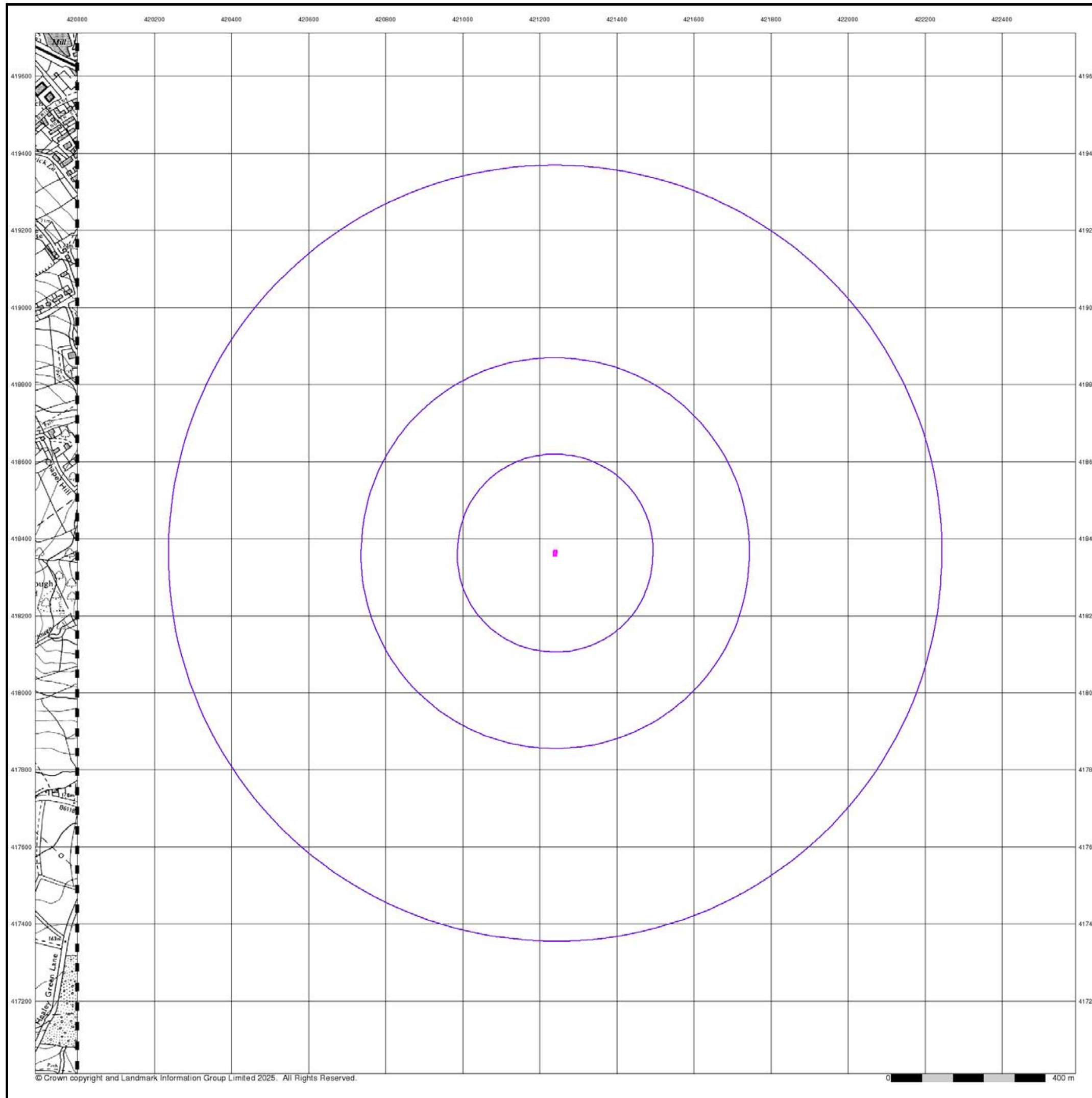


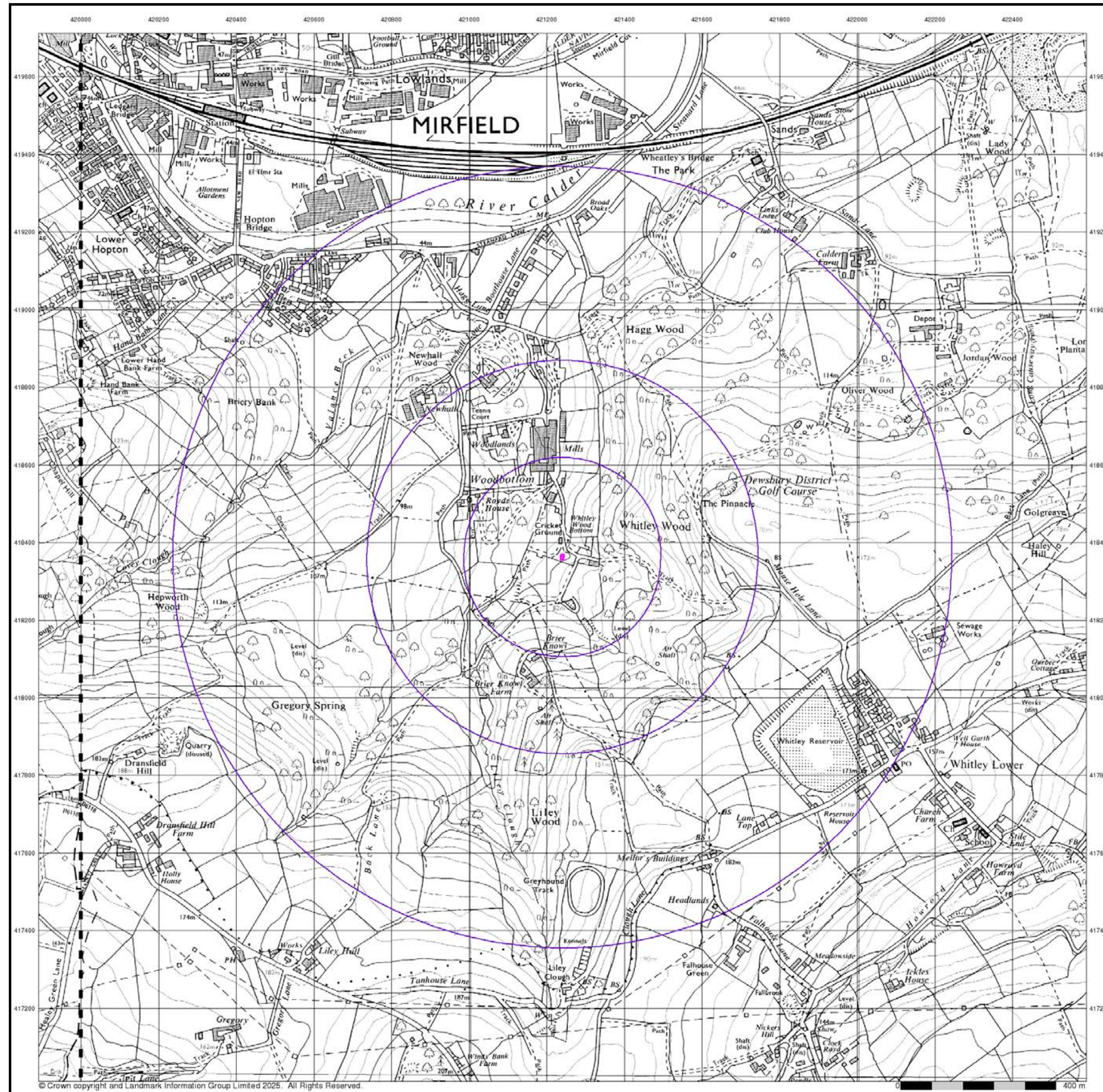
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Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG





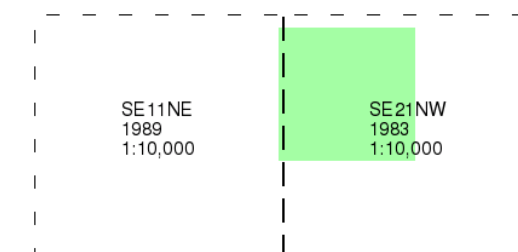
Ordnance Survey Plan

Published 1983 - 1989

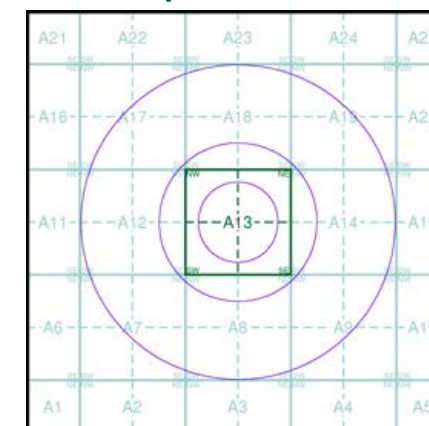
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

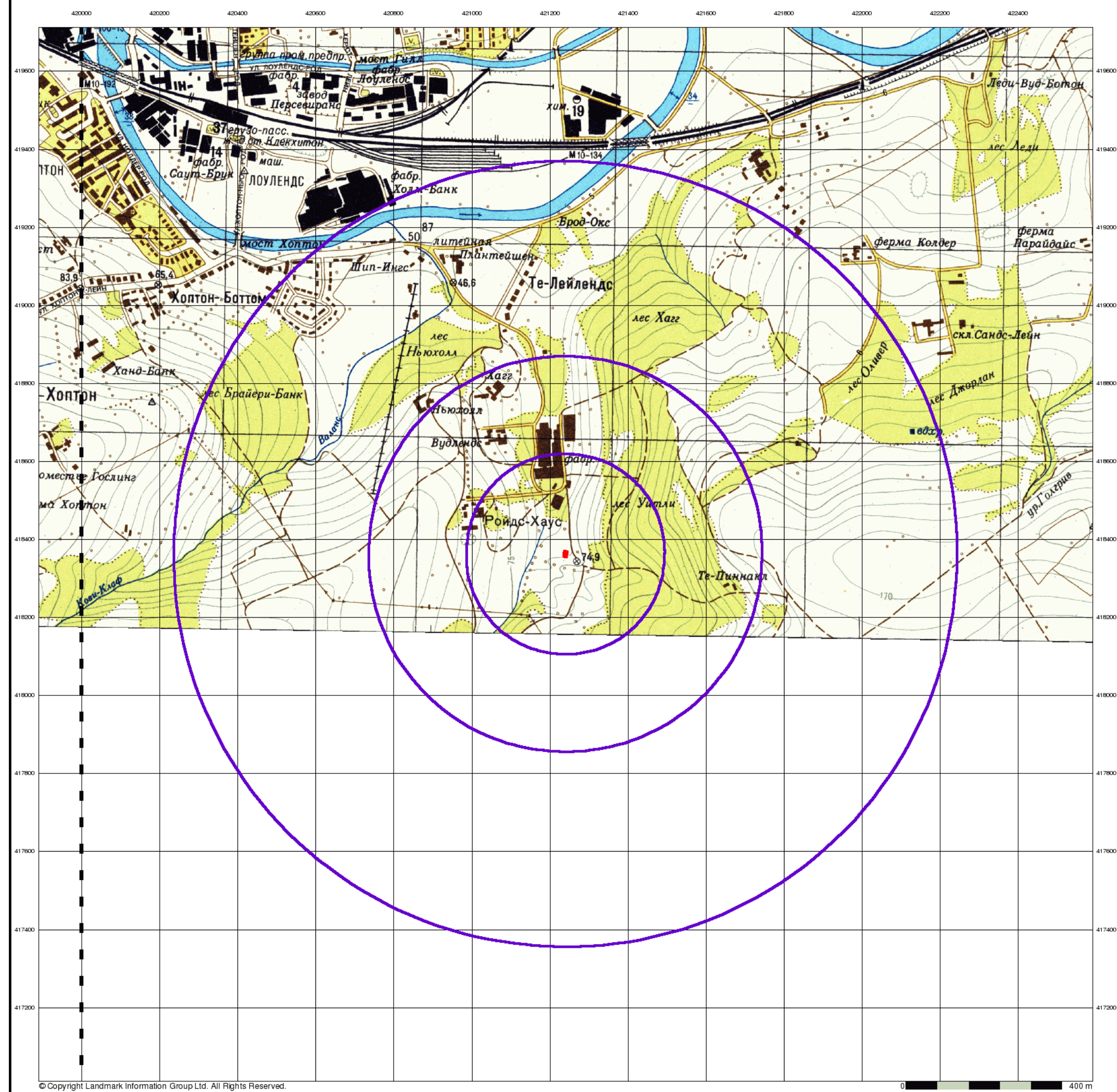


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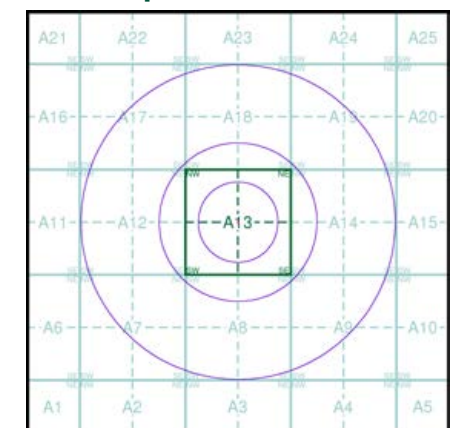
Batley
Published 1983
Source map scale - 1:10,000

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)

SE11NE 1983 1:10,000	SE21NW 1983 1:10,000
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Russian Map - Slice A



Order Details
 Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
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Site Details
 Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

Huddersfield

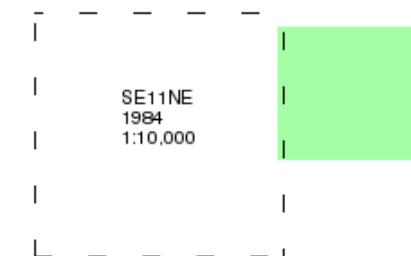
Published 1984

Source map scale - 1:10,000

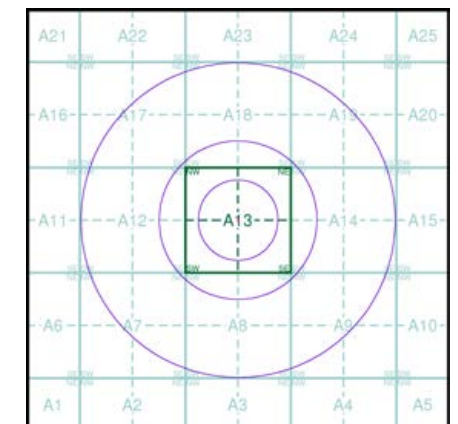
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed 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.

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Map Name(s) and Date(s)



Russian Map - Slice A

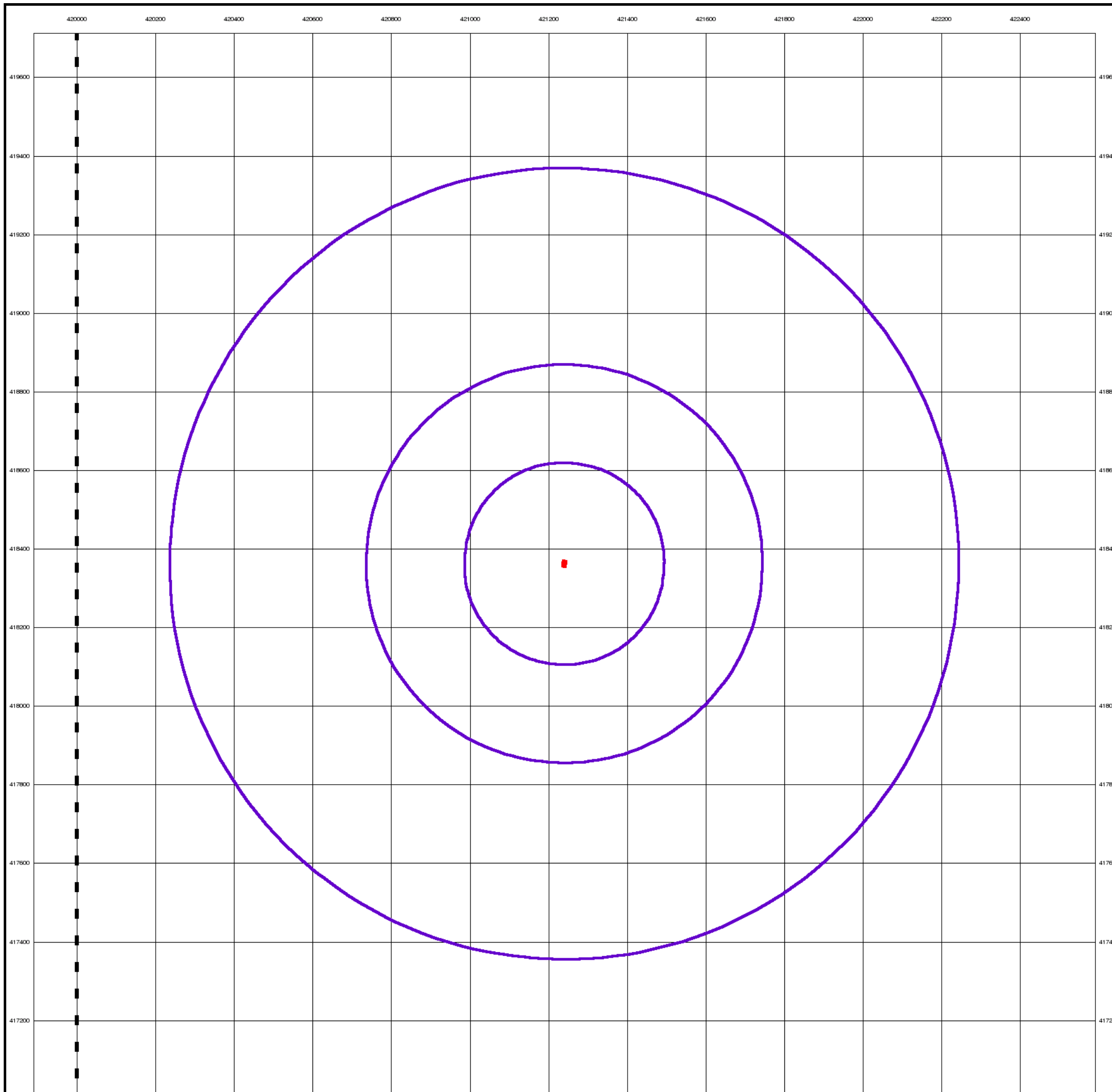


Order Details

Order Number: 378087728_1_1
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Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG





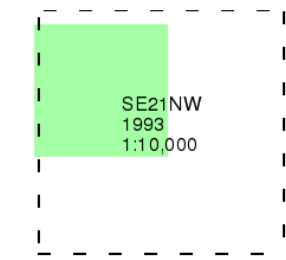
Ordnance Survey Plan

Published 1993

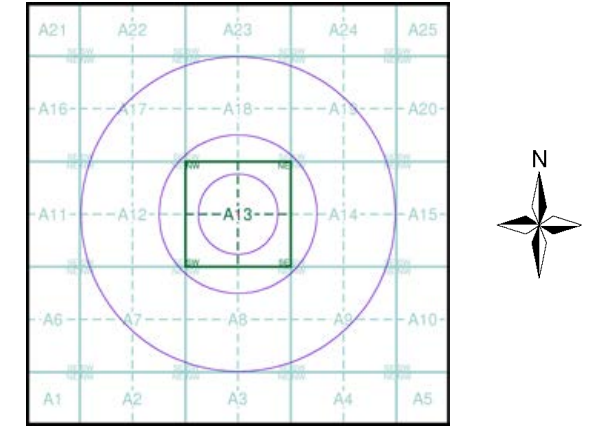
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

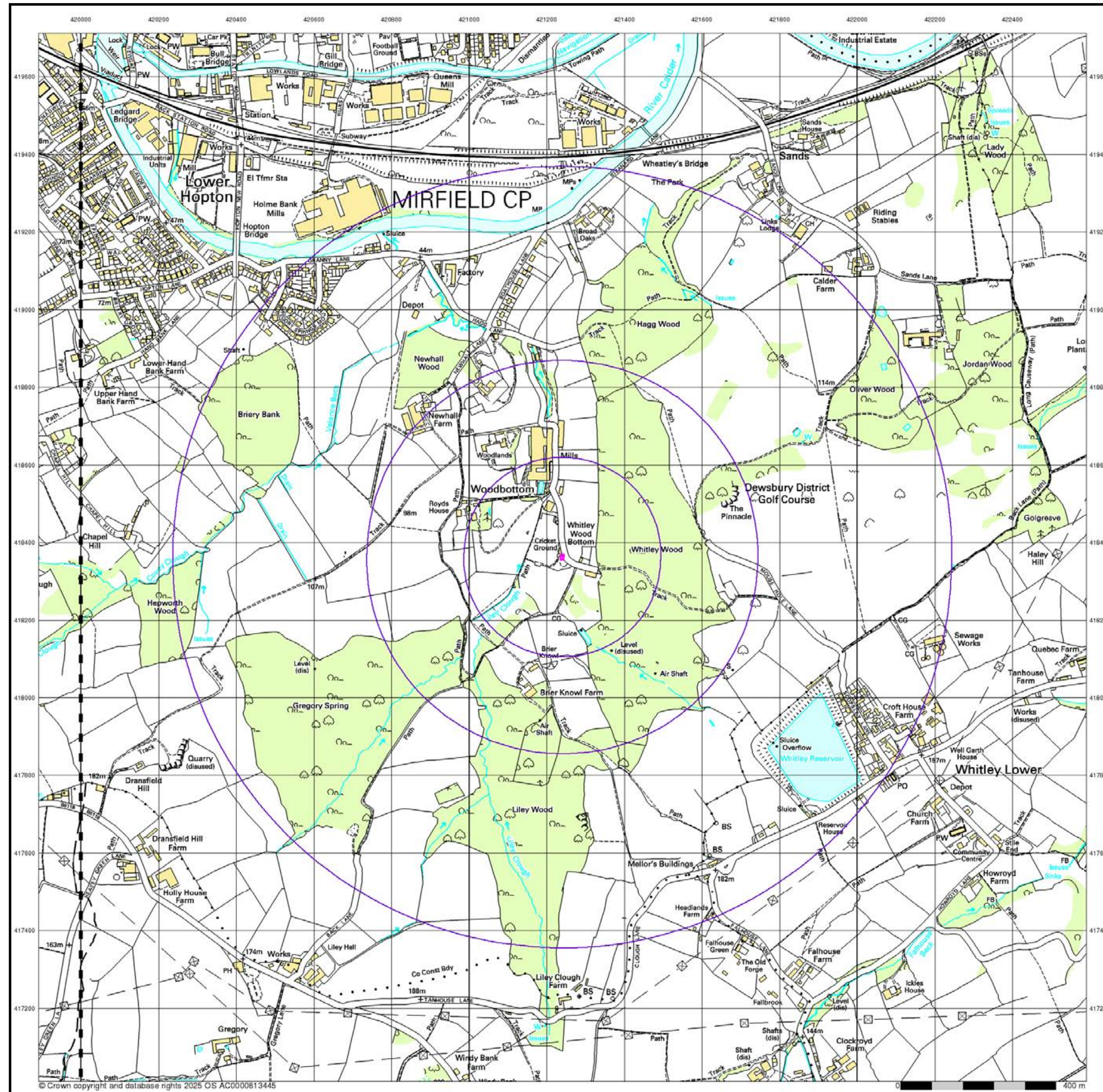


Order Details

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Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



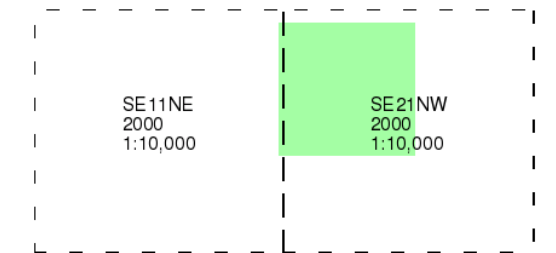
10k Raster Mapping

Published 2000

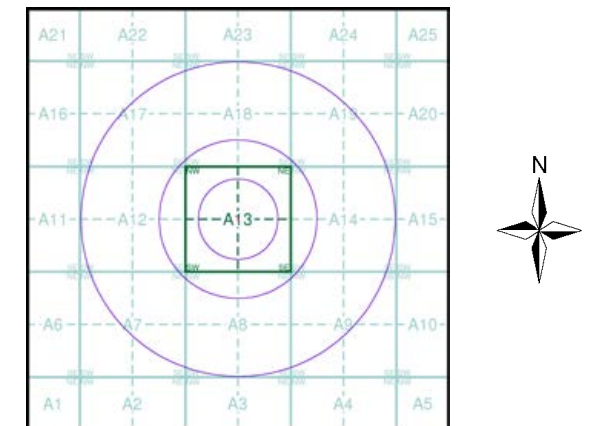
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The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings,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

Map Name(s) and Date(s)



Historical Map - Slice A

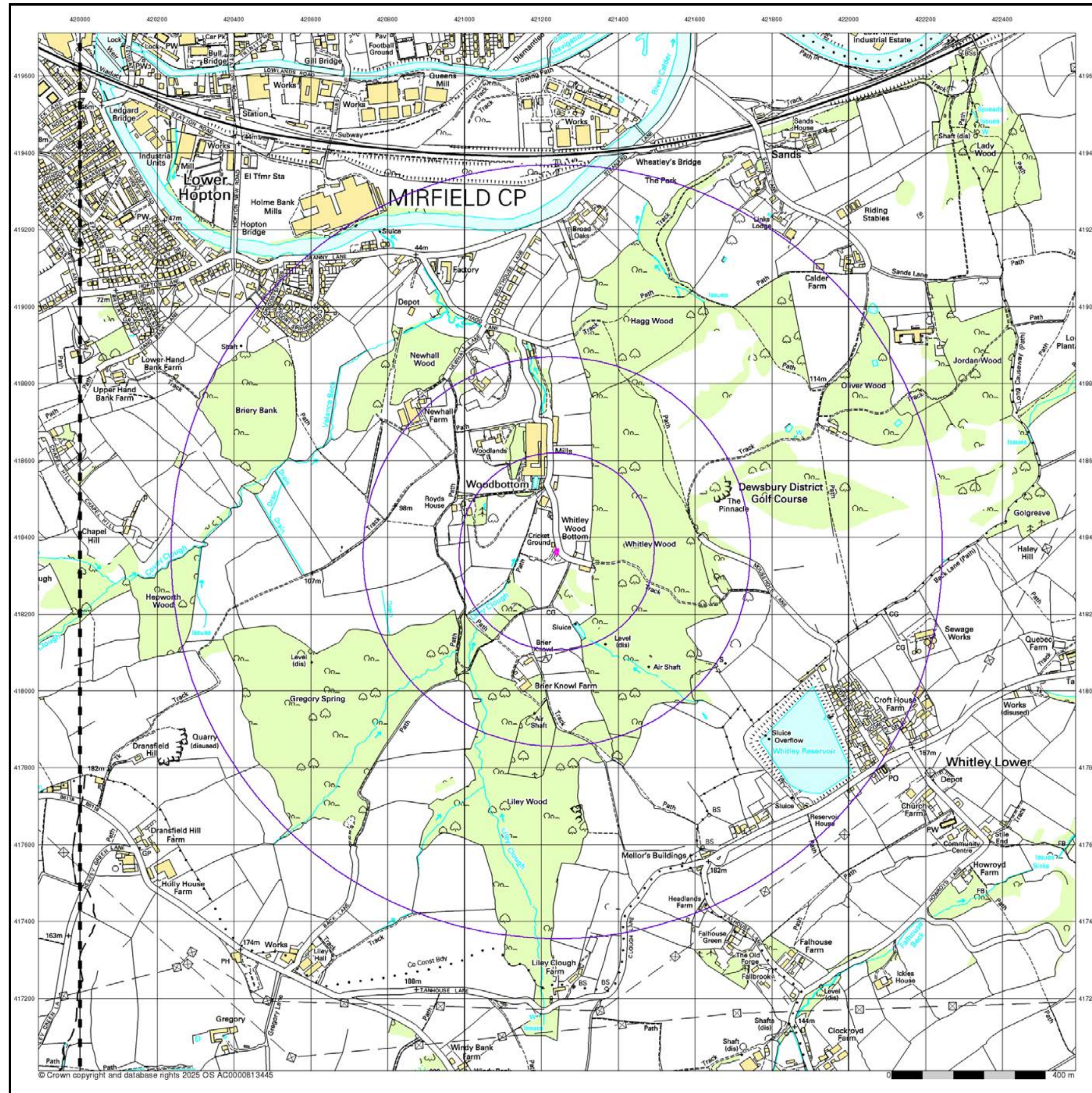


Order Details

Order Number: 378087728_1_1
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 National Grid Reference: 421240, 418360
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Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG



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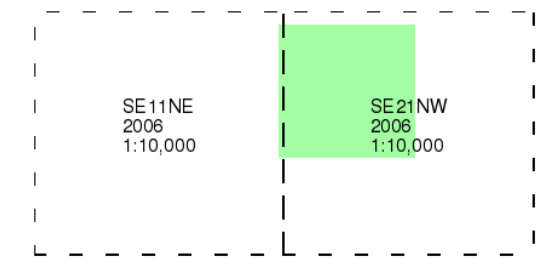
10k Raster Mapping

Published 2006

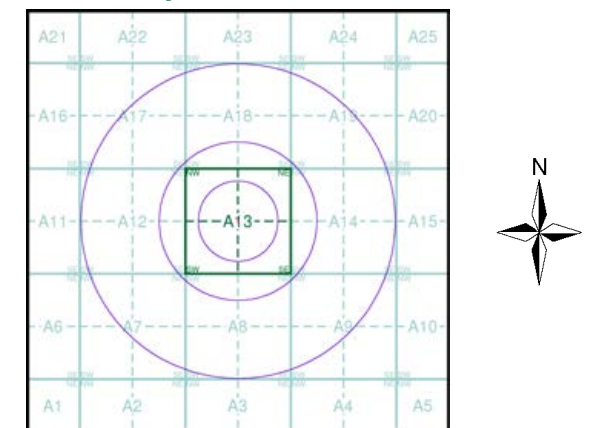
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

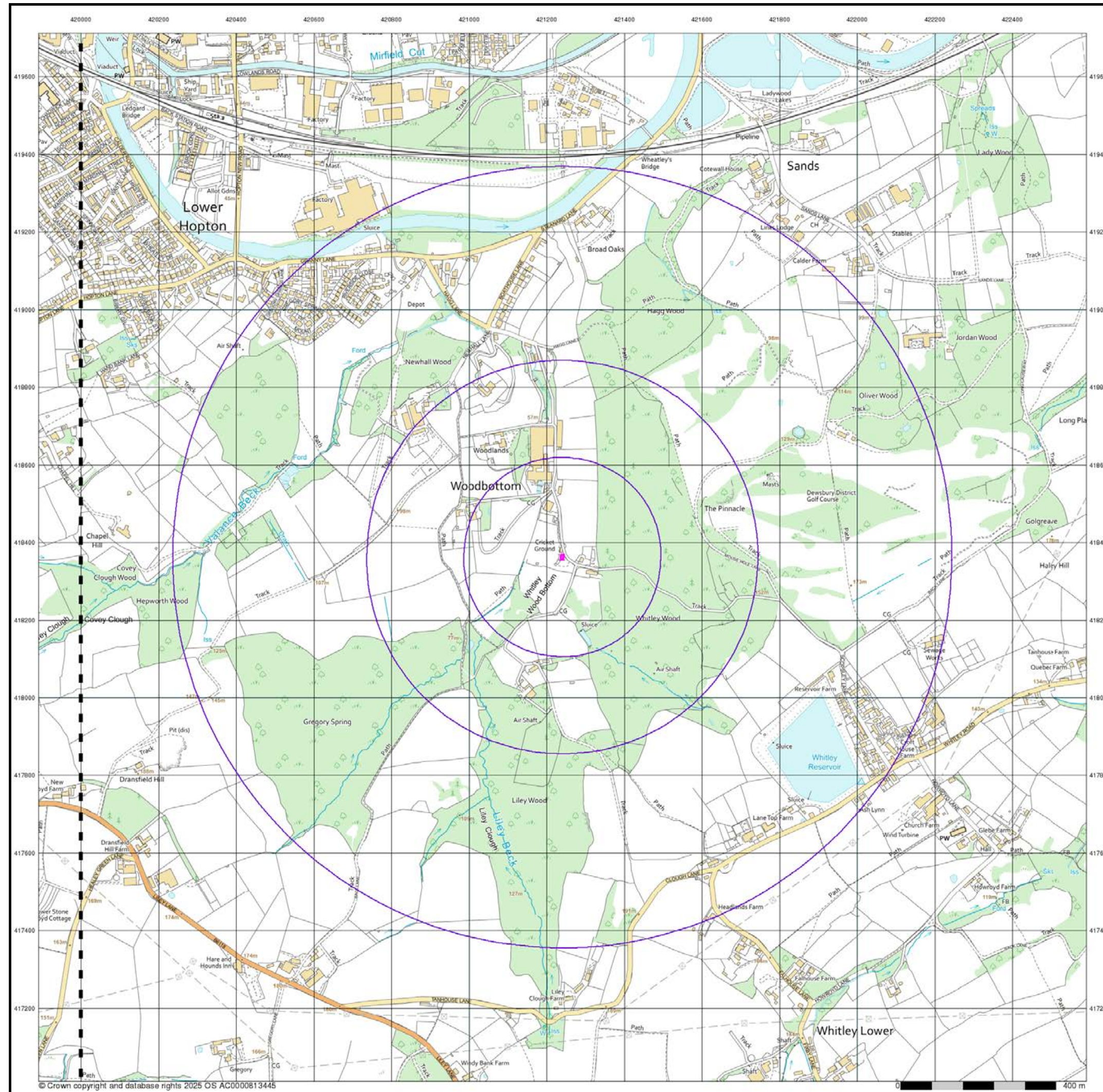
Order Number: 378087728_1_1
 Customer Ref: ES030625
 National Grid Reference: 421240, 418360
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Cricket Club, 18, Woodbottom, MIRFIELD, WF14 8HG

Landmark
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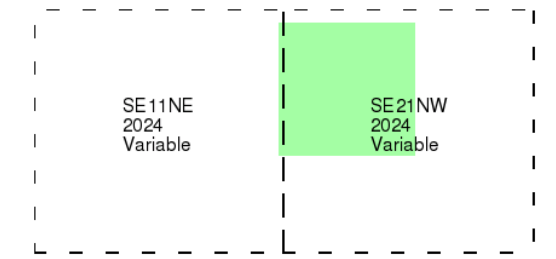
VectorMap Local

Published 2024

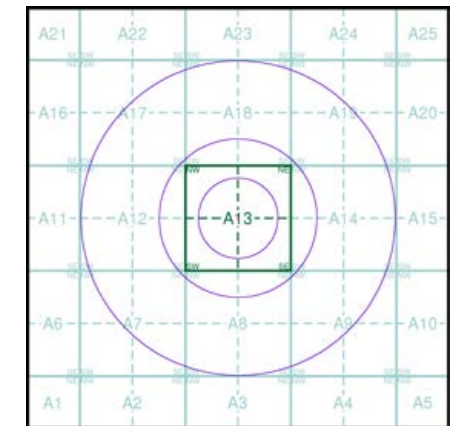
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

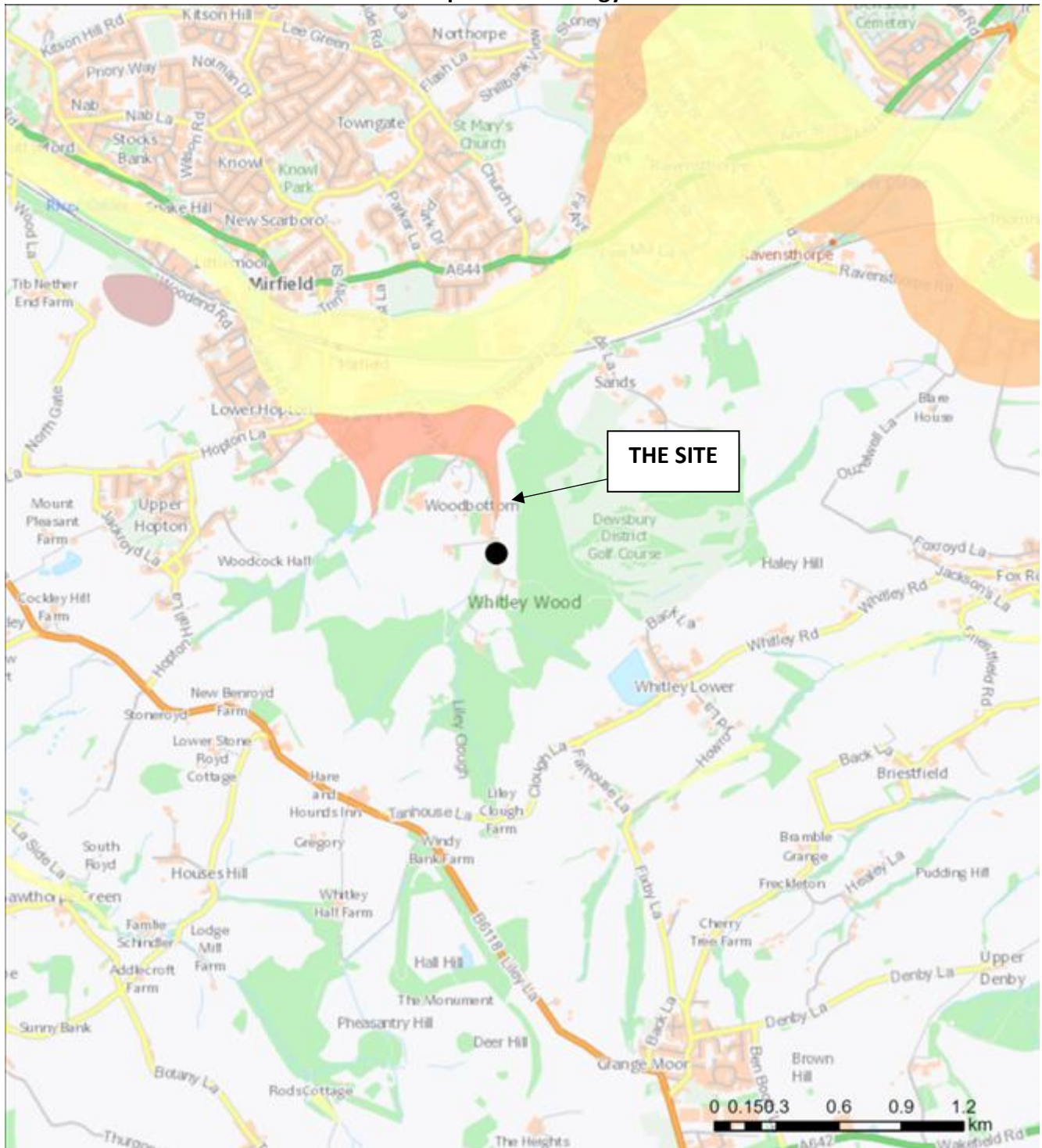
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Appendix D – Geological Maps

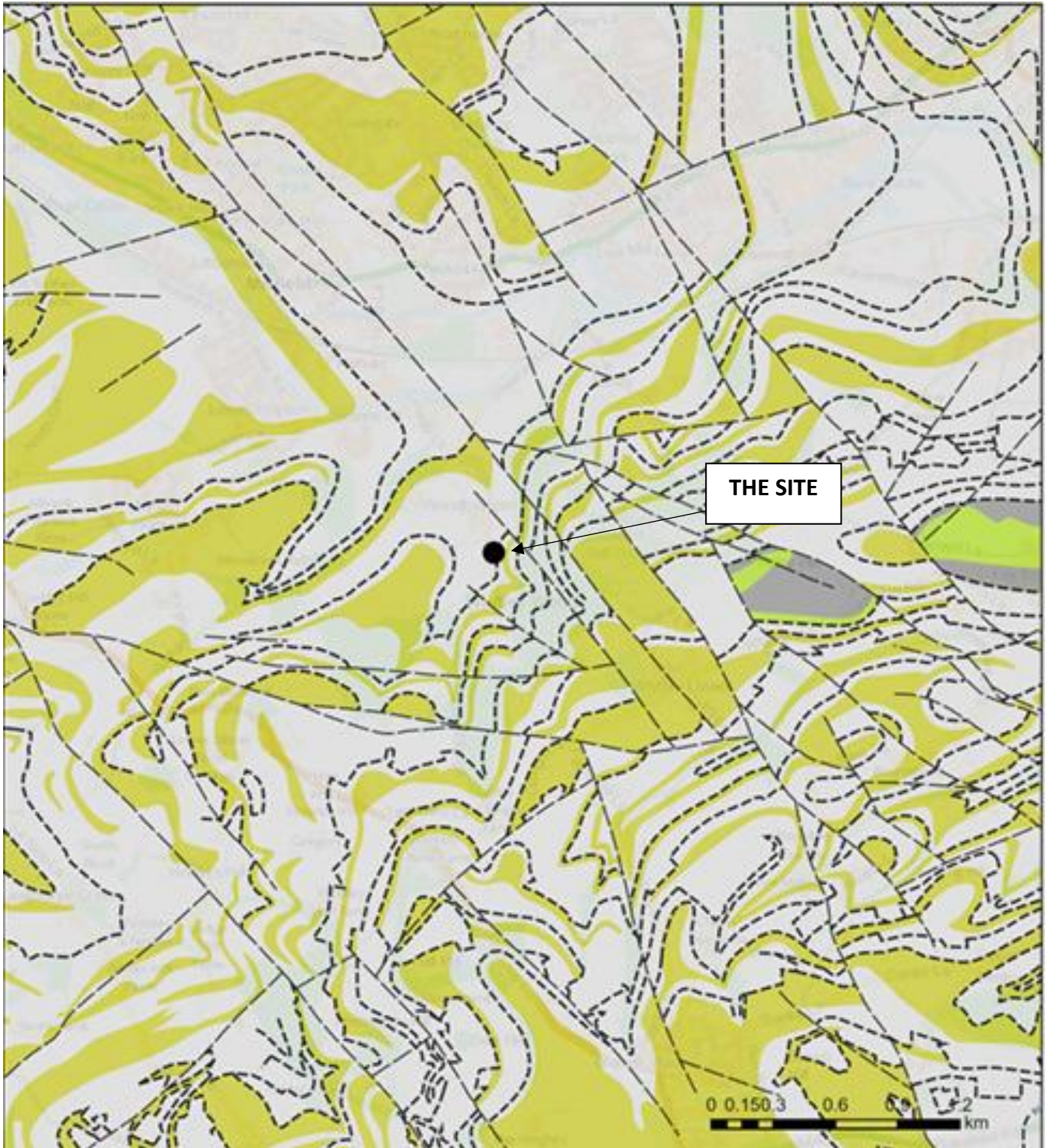
Superficial Geology



Superficial deposits 1:50,000 scale

- [GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL](#)
- [ALLUVIUM - CLAY, SILT, SAND AND GRAVEL](#)
- [HEAD - CLAY, SILT, SAND AND GRAVEL](#)
- [RIVER TERRACE DEPOSITS \(UNDIFFERENTIATED\) - SAND AND GRAVEL](#)
- [ALLUVIAL FAN DEPOSITS - SAND AND GRAVEL](#)
- [LACUSTRINE DEPOSITS - CLAY AND SILT](#)






Bedrock Geology



Bedrock geology 1:50,000 scale

	<u>PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE</u>
	<u>PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE</u>
	<u>BIRSTALL ROCK - SANDSTONE</u>
	<u>CLIFTON ROCK - SANDSTONE</u>
	<u>ELLAND FLAGS - SANDSTONE</u>
	<u>EMLEY ROCK - SANDSTONE</u>
	<u>80 YARD ROCK - SANDSTONE</u>
	<u>FALHOUSE ROCK - SANDSTONE</u>
	<u>GREENMOOR ROCK - SANDSTONE</u>
	<u>GRENOSIDE SANDSTONE - SANDSTONE</u>
	<u>KIRKBURTON SANDSTONE - SANDSTONE</u>
	<u>LEPTON EDGE ROCK - SANDSTONE</u>
	<u>MIDDLE BAND ROCK - SANDSTONE</u>
	<u>PENNINE LOWER COAL MEASURES FORMATION - SANDSTONE</u>
	<u>SOFT BED FLAGS - SANDSTONE</u>
	<u>STANNINGLEY ROCK - SANDSTONE</u>
	<u>THICK STONE - SANDSTONE</u>
	<u>HAIGH MOOR ROCK - SANDSTONE</u>
	<u>HORBURY ROCK - SANDSTONE</u>
	<u>PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE</u>
	<u>THORNHILL ROCK - SANDSTONE</u>

Linear features 1:50,000 scale

	Coal_seam_Inf
	Fault_Inf_Crossmark_on_downthrow_side
	Fault_Inf_Downthrow_unspecified
	Ironstone_bed_Inf
	Marine_band

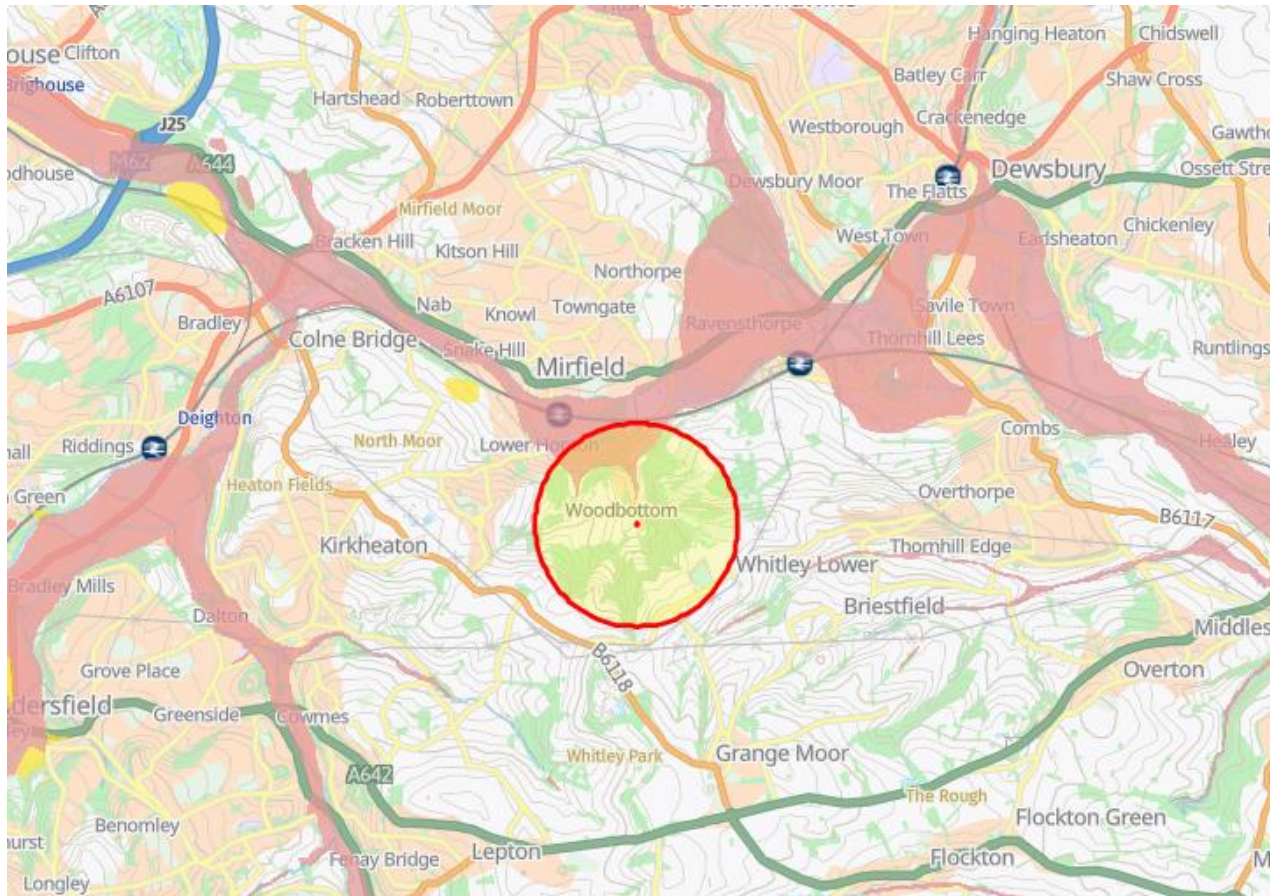
Appendix E – BGS Borehole Records

SURVEY OF EXISTING BOREHOLES			ENVIRONMENT AGENCY	
B.G.S. Ref. No.	N.G.R. SE 2130 1460		Licence No.	
Owners Name <u>Camborne Fabrics Ltd.</u> Address <u>Hepton Mills, Mirfield, W. Yorks</u>			App No. <u>6738</u> Authorised Abstraction <u>154.4 tcm</u> <u>544 cu m/d</u> <u>27 cu m/h</u>	
Description of strata	Thickness	Depth		
	m	m		
TOP SOIL	0.30	0.30		
BOULDER CLAY	1.25	1.55		
SANDS AND GRAVELS	0.80	2.35		
BOULDER CLAY	1.60	3.95		
SHALE	2.20	6.15		
SANDSTONE	0.70	6.85		
GRITSTONE	1.25	8.10		
SANDSTONE	3.40	11.50		
MUDSTONE AND FLAGGY SANDSTONE	10.00	21.50		
COAL	0.70	22.20		
SANDSTONE WITH MUDSTONE LAYERS	35.00	57.20		
MUDSTONE	9.20	66.40		
SANDSTONE	2.10	68.50		
MUDSTONE	7.50	76.00		
COAL	1.10	77.10		
SANDSTONE	7.90	85.00		
MUDSTONE	10.25	95.25		
SANDSTONE	4.75	100.00		
COAL	0.80	100.80		
MUDSTONE	9.20	110.00		
			Dia. <u>300 mm</u> Depth <u>110 m</u> Lining <u>Steel to 200 mm x 43 m</u> Well Sinker <u>Dials, Water Service</u> Date <u>1/11/90</u> R.W.L. P.W.L. Rate.....	

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Ref: SE21NW394

Appendix F – Hydrogeological Maps

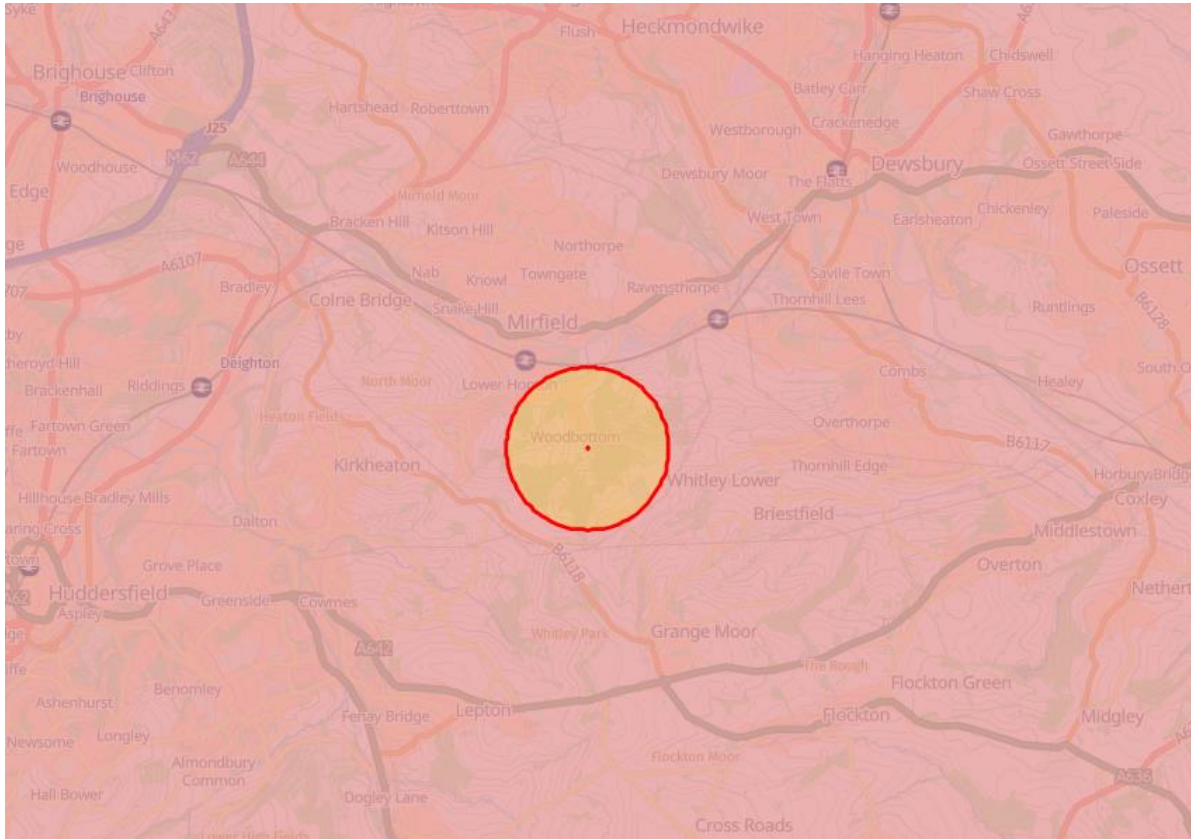


Aquifer Designation Map (Superficial Drift) (England)

- Principal
- Secondary A
- Secondary B
- Secondary (undifferentiated)
- Unknown (lakes+landslip)
- Unproductive

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Superficial Aquifer

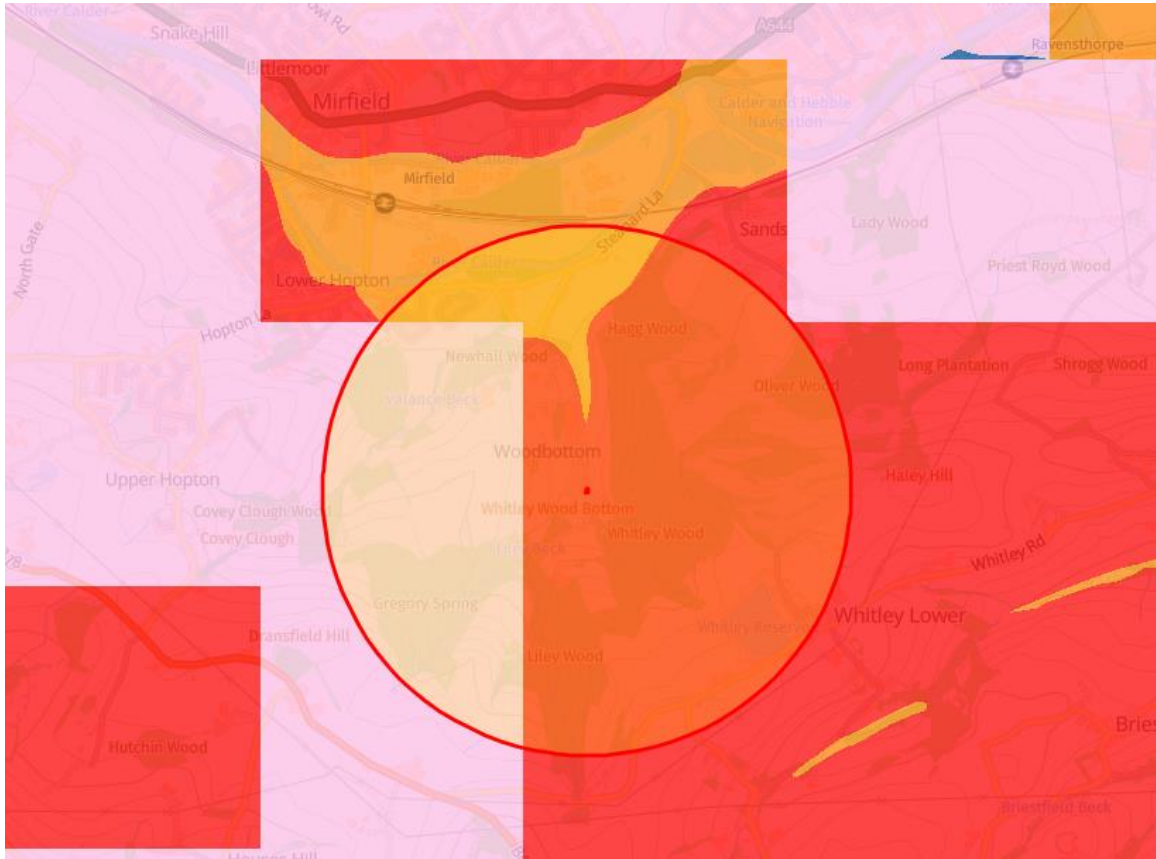


Aquifer Designation Map (Bedrock) (England)









- Principal
- Secondary A
- Secondary B
- Secondary (undifferentiated)
- Unproductive

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Bedrock Aquifer



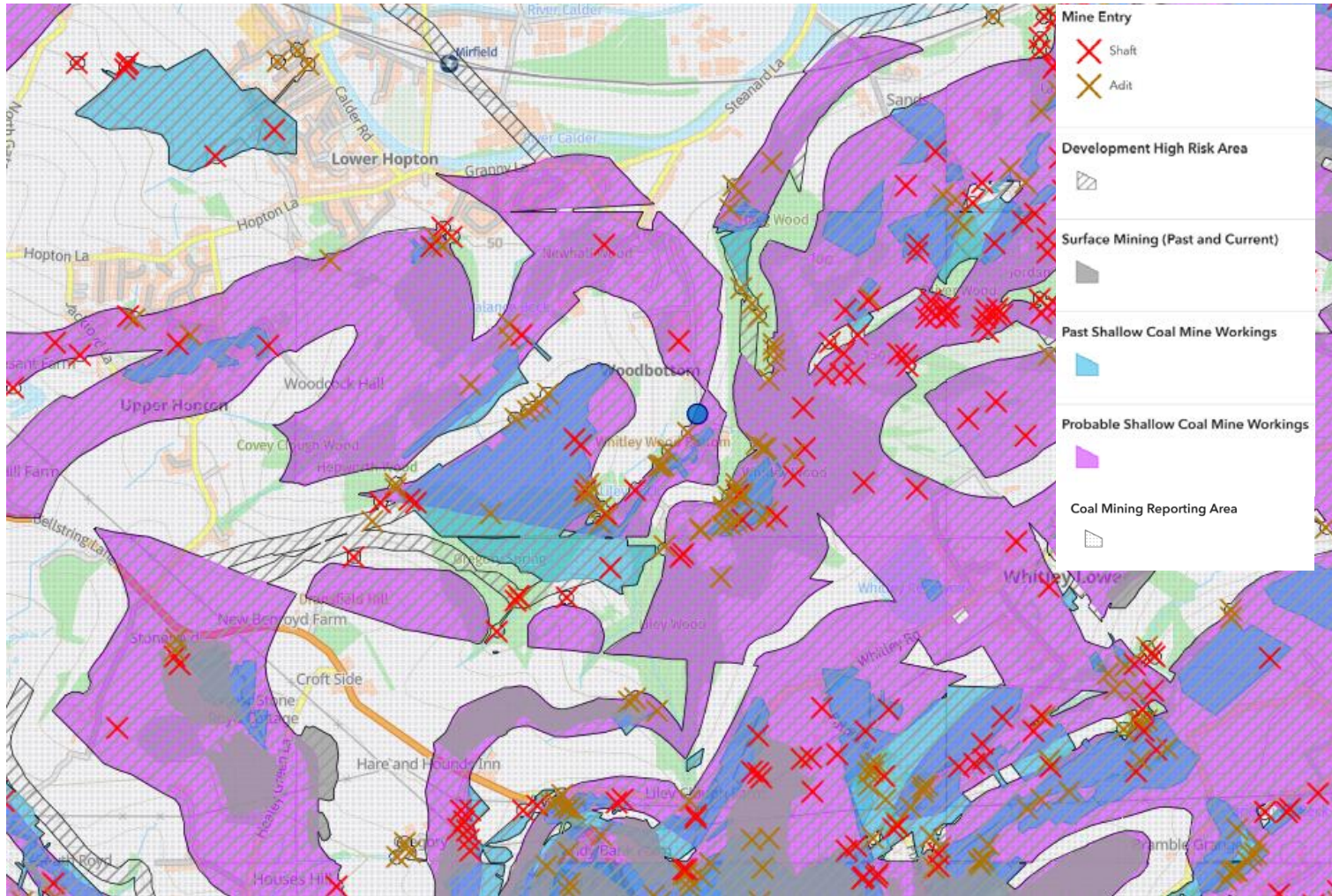
Groundwater Vulnerability Map (England)

-  Local Information
-  Soluble Rock Risk
-  High
-  Medium - High
-  Medium
-  Medium - Low
-  Low
-  Unproductive

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Groundwater Vulnerability

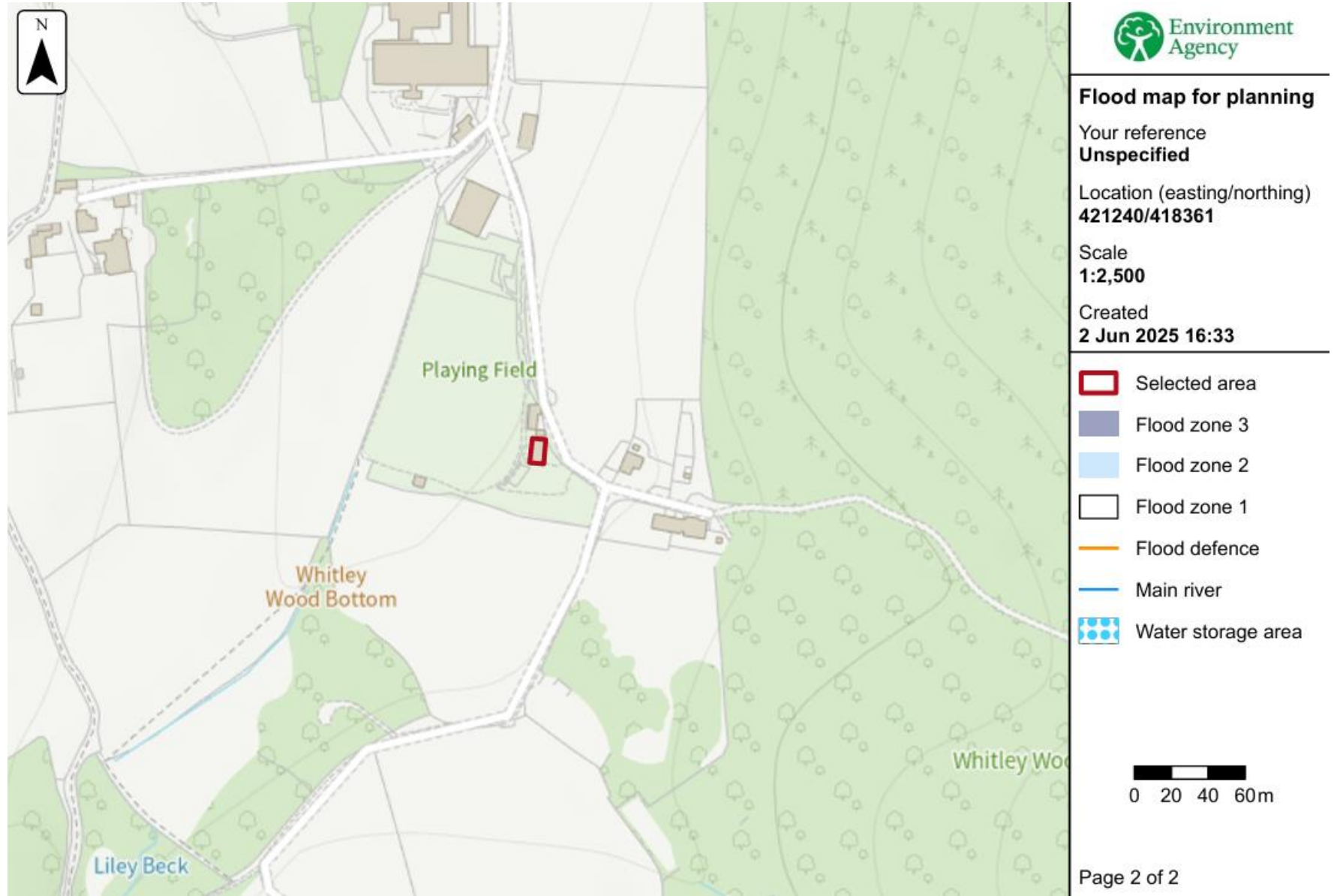
Appendix G – Mining Remediation Authority Summary Map



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Coal Authority Map

Appendix H – Flood Risk Map



Appendix I – Environmental Designations

Green Belt (England)

