

**PHASE 1
GEOTECHNICAL AND GEO-ENVIRONMENTAL
SITE INVESTIGATION**

**GREEN BANK, STATION ROAD
WHITWELL**

FOR

SAM SMITH

ISSUE 1



46003-001

14 May 2021

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Envirocheck

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1.0 EXECUTIVE SUMMARY

1. The site is a detached residential property set centrally within approximately 0.36 hectares of land with a driveway, yard, garden and several outbuildings. The redevelopment will involve the conversion/extension of the existing house, and the demolition and replacement of the outbuildings with new single storey buildings that do not exceed the footprint of the existing.
2. The solid geology is expected to comprise Cadeby Formation dolostone (a Principal aquifer). Superficial Head deposits are indicated to underlie the north-eastern boundary.
3. Precautions against the effects of shallow coal mining are not required.
4. The site surface comprises a mix of hardstanding, soft landscaping and developed areas. The site lies around 2 m higher than Station Road. Ground levels may therefore have been raised prior to the current development, meaning made ground/reworked natural ground may be present across the site. Shallow groundwater is not anticipated.
5. Strip/trench fill footings are likely to be appropriate, taken through any made ground onto undisturbed natural ground at an expected minimum depth of 900 mm in clay or 600 mm in granular material.
6. Should fissures be present within the dolostone, overlying foundations and the superstructure will require reinforcement.
7. Shallow bedrock may be present which may hinder excavation progress. Below ground structures such as the former cesspit will need to be grubbed out prior to development.
8. Surface water drainage via ground soakage may be feasible for the proposed development (subject to satisfactory infiltration test results) given the likely presence of dolostone. We understand the current development drains to a soakaway.
9. No radon protective measures are considered to be necessary. However, given the relative proximity of a historical landfill it would be prudent to install a fully sealed gas membrane in new habitable dwellings in lieu of conducting a full ground gas monitoring programme.
10. There is expected to be little change to the landscaped areas of the site. Recommended remedial measures should therefore include minimum DS-2 AC-2 sulphate measures in below ground concrete, protective water supply pipes and an allowance for the removal of localised contamination hotspots.
11. Before more definite information regarding the properties of the ground and any contamination present can be given, an intrusive ground investigation will be required.

2.0 INTRODUCTION

2.1 Terms of Reference

This report presents the findings of a Phase 1 Geotechnical and Geo-environmental Site Investigation carried out by Eastwood & Partners (Consulting Engineers) Limited for Sam Smith. Any other parties using the information in this report do so at their own risk and any duty of care is excluded.

2.2 Context

Eastwood & Partners are not aware of any previous reports or intrusive investigations having been undertaken at the site.

2.3 Aims and Objectives

The aims and objectives of this investigation were as follows:

- To assimilate and review information extracted from published documentation and a site walkover to derive an outline conceptual model identifying potential contaminants, pathways and receptors, as well as possible linkages between these;
- To detail the expected ground conditions and their geotechnical properties enabling outline foundation proposals to be made for the proposed development; and
- To outline proposals for any Phase 2 intrusive investigation, the purpose of which would be to obtain information to test the conceptual model and assess the risks to receptors as well as to confirm the foundation proposals.

2.4 Scope of Investigation

This document constitutes the findings of the Phase 1 investigation. This involved a review of information extracted from published documentation. Information regarding the current and former land uses both on and surrounding the site, as well as the environmental sensitivity of the location as determined by factors including geology, hydrogeology and hydrology have been examined.

Information analysed has been obtained from a variety of sources and included the following:

- A Landmark Envirocheck;
- A Coal Authority Consultants Coal Mining Report;
- British Geological Survey maps; and
- A site walkover.

2.5 Limitations of Investigation

This report is based on the assumption that the site will be redeveloped which will involve the extension of the existing house, and the demolition and replacement of the outbuildings with new single storey buildings that do not exceed the footprint of the existing. It is assumed site levels will not be significantly regraded. If this is not the case, then the advice given in this report may not be appropriate.

Where assessments of site areas affected in particular ways are given, these are approximate. All information, comments and opinions given in this report are based on the documentary information examined. This report considers the ground and groundwater and does not cover any buildings or their fabric or the constituents of any existing hardstanding. Risks to ecological receptors, such as bats, have not been considered.

3.0 THE SITE

3.1 Description

The approximately 0.36 hectare site 'Green Bank' is located to the west of Station Road in the south of Whitwell, north-east Derbyshire. It is approximately rectangular in shape and is centred on grid reference 453210 376380. It is currently a detached residential property with a driveway, yard, garden and several outbuildings.

Eastwood & Partners have conducted a site walkover. Photographs from the walkover are included in Appendix 1. Observations from the walkover are detailed below.

The site features a detached residential property with a driveway, yard, garden and several outbuildings. The asphalt driveway is gated and joins Station Road in the eastern corner of site: the drive runs along the south eastern boundary of the site before curving around to the western corner of site. The driveway is lined by electric lights in the south western corner. There is also gated pedestrian access to the site up a flight of stairs gaining 2 m elevation from Station Road in the northern corner.

The detached house is two-storey of brick construction with masonry corner detail. A small cellar is present. The house had at some point been extended to the west however this has now been demolished. Evidence of this was seen by flashing protruding from the wall of the house at ceiling height of the ground floor, voids in the brick where joists has been removed, an infilled doorway and a patched up brick door arch.

The western corner is occupied by wooden stables with corrugated metal roofs, currently used for storage of car tyres. Other car parts were stored at the site, this included metal components such as wheels and motors. Car batteries (Li) were also stored in plastic storage containers along the south western boundary. Two skips were present in the west of the site: one containing metals and appliances with the other containing more general waste of wood, plaster board and fabric. Adjacent to the skips were many wooden pallets and a wooden shed containing car air filters.

Additional outbuildings of brick construction with corrugated metal roofs and slate roofs, separated by a car-port, are located along the north western boundary. These are also used for storage; this included but was not limited to: car tyres; a lawn mower; wood; tools; water and foam fire extinguishers (PFOS); and 5 L fuel containers.

The garden area was, in parts, covered by plastic membranes for weed suppression with several mature trees, particularly in the north, the south and along the driveway. There were also several tree stumps of recently felled trees along the driveway. The lawn in the south east contained a pond with a water fountain.

In the yard between the house and outbuildings is a manhole cover which, when lifted, revealed a below-ground, vaulted, brick-lined possible cesspit. The apex of the void was approximately 0.3 m below surface, with the silted base being 1.95 m below surface. Two pipes also entered the tank from the ceiling. The tank was approximately 2 m wide north to south, and approximately 3 m long east to west.

Maps within the Envirocheck note the ground levels on site may lie between 86 m AOD in the south-east to 90 m AOD in the north west.

3.2 History

Historical Ordnance Survey maps obtained as part of the Envirocheck have been reviewed to assess the previous use of the site and surrounding area. Copies of the maps are presented in the Appendix.

3.2.1 The Site

The earliest available map is dated 1875 and shows the site to comprise an area of open land that forms part of a field. An embankment is present in the south-eastern corner, indicating the site lies higher than the adjacent road. The 1916 map shows that a house and outbuilding have been constructed. Several additional outbuildings were constructed in the 1970s and 1980s. No further significant changes have been noted.

3.2.2 The Surrounding Area

The 1875 map shows the site is predominantly surrounded by agricultural land with Station Road present to the north-east of the site. A well is located around 75 m to the south-east with a large quarry ('Belph Moor') located around 100 m to the east. Whitwell Station and the Midland Railway are around 200 m to the south-east. A quarry, limekilns and a powder magazine are shown around 250 m to the south-west.

The 1898/99 maps show a house 'The Poplars' has been constructed immediately to the south of the site. Whitwell Colliery is located around 600 m to the south. By 1916, the Belph Moor quarry is shown as a recreation ground. A large sewage works is shown around 300 m to the south-east by 1919.

Significant residential development north-east of Station Road and 200 m west of the site occurred between 1956 and 1961. The quarry in the south west is covered by a spoil heap. By 1967 a large spoil heap is shown adjacent to the colliery. The 1976 map shows the former quarry located 250 m to the south-west is listed as a disused refuse tip. By 1990, The Poplars has been replaced with a

small housing estate. By 1992 the colliery/mine is no longer shown and the spoil heaps are listed as disused tips.

No further significant changes have been noted.

3.3 Geology

The geological maps, sheet 100 'Sheffield' (1:50,000 scale published 2011) and SK57NW (1:10,000 scale), and the British Geological Survey (BGS) Online Viewer have been consulted.

The solid geology beneath the site is expected to comprise the Cadeby Formation, described as dolostone, grey to buff grey, commonly oolitic or granular, with subordinate mudstone, dolomitic siltstone and sandstone.

Superficial Head deposits are also shown to underlie the north-eastern site boundary.

An area of made ground is shown to be located around 100m to the east, likely associated with the former quarry.

The cross section on the map sheet shows that the strata beneath the site have a moderate apparent dip to the east.

No faults are shown to underly the site.

3.4 Hydrogeology

The underlying Cadeby Formation bedrock is classified as a Principal Aquifer. These are layers of rock that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale.

The underlying superficial Head deposits are listed as a Secondary Undifferentiated Aquifer. These have been assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.

There are no groundwater or surface water abstractions within 250 m of the site.

The site does not lie within a groundwater Source Protection Zone.

3.5 Hydrology

The Envirocheck records the nearest surface water feature to be a drain 77 m south-east of the site.

3.6 Extractive Industries

3.6.1 Quarrying

There are two BGS recorded mineral sites located within 250 m of the site: 152 m and 201 m to the east which involved the opencast extraction of Cadeby Formation dolomite. Both refer to the 'Belph Moor' quarry as shown on the historical maps, which was redeveloped as a recreation ground by 1916.

A quarry is also shown on historical maps 250 m south-west of the site.

No evidence of quarrying is indicated on site on historical maps.

3.6.2 Coal

No coal seams outcrop beneath the site or are thought to be present in the shallow subsurface, however the site is located in an area which may be affected by coal mining activity.

A Consultants Coal Mining Report has been obtained and is included in the Appendix. The Coal Authority state that there are several worked seams within the vicinity of the site. The shallowest recorded workings beneath the site are within the Clowne seam at 129 m bgl. The extraction thickness is listed as 100 cm, dipping 9.2° south and last worked in 1976. Two other seams have also been worked at depths of 229 and 333 m below the site.

The report states that there are no probable unrecorded shallow workings beneath the site.

The report states that there are no recorded mine entries within 100m of the site boundary.

Abandoned mine plans are recorded to intersect with the site boundary. The abandoned mine plans are likely to detail the extraction of the deeper coal seams in the area.

The property is not within 200 m of an area where the Coal Authority has plans to grant a license to remove coal by underground methods.

No notices have been given under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence. The Coal Authority has not received a damage notice or claim for the subject property since 31st October 1994. However, there is one coal mining subsidence claim within 50m of the property boundary for a property located to the south of the site at The Poplars. 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.

The site is not situated within 500 m of the boundary of an opencast site

A Coal Authority managed tip is located around 260m to the south-east.

The Coal Authority has no record of any mine gas emissions within 500 m of the site.

Given the thicknesses and depths of workable seams beneath the site, precautions against the effects of shallow coal mining are not required.

3.7 Ground Gas

According to the Envirocheck, the site lies within a lower probability radon area (i.e. <1% of homes are estimated to be at or above the action level). Therefore, no protective measures are necessary in the construction of new dwellings.

The site lies around 2 m higher than Station Road, which is shown on the earliest historical maps from 1875. Site ground levels may therefore have been raised prior to the current development, meaning made ground/reworked natural ground may be present across the site. Due to its age, the material would likely comprise relatively inert reworked natural ground.

A single recorded historical landfill is within 250 m of the site. The Southfield Lane Quarry is located 225 m to the south-east (also shown on historical mapping) and operated between 1975 and 1982. Deposited waste included inert and commercial waste, construction industrial waste and solid asbestos; prohibited waste included poisonous, noxious and polluting wastes.

The Envirocheck lists three potentially infilled features within 250 m of the site:

Feature	Location from Site
Quarry, backfilled by 1916	124 m East
Quarry, backfilled by 1967	221 m South-West
Small Pond, backfilled between 1967 and 1987	231 m West

Given the nature of these features and their distances from site, it is not thought that these are capable of producing ground gas in any significant quantity.

Although a landfill is listed within 250 m of the site there is no evidence to suggest that significantly hazardous waste was deposited. Furthermore, the last input date was around forty years ago. Therefore, we do not anticipate that a significant volume of ground gas will have the potential to migrate to the site. However, in-lieu of completing a full gas monitoring programme we recommend the installation of a gas membrane in the construction of any new habitable buildings to mitigate against any potential minor residual risk.

3.8 Pollution Incidents to Controlled Waters

There have been five recorded pollution incidents (two are duplicate entries) to controlled waters within 500 m of the site. These are summarised as follows:

Property / Location	Distance from site	Pollutant	Year	Severity
Whitwell Sewage Works	56m E	Misc – Unknown	1998	Category 3 – Minor
Sewage Pumping Station	149m SE	Crude Sewage	1995	Category 3 – Minor
Surface Water Outfall	156m SE	Other Sewage	1998	Category 3 – Minor
Fire Water	353m S	Misc	1999	Category 3 – Minor

It is not thought that any of the incidents above will have any affect on the proposed site development.

3.9 Discharge Consents

According to the Envirocheck, there are four discharge consents within 250 m of the site, located at distances of 58 and 164 m from the site. Three are thought to be duplicates and all are licenced to Seven Trent Water for Sewage Discharge to the Whitwell Brook. These will not have any impact on the proposed developments.

3.10 Flooding

The site is not shown to be at risk of flooding from rivers, surface water flooding, with only a limited potential for groundwater flooding to occur.

3.11 Soil Geochemistry

The Envirocheck estimates the following concentrations of arsenic, cadmium, chromium, nickel and lead to be present in the natural soil at the site. These have been compared to the appropriate assessment value protective of residential human health receptors with homegrown produce.

Contaminant	Estimated Concentration (mg/kg)	Assessment Value (mg/kg)
Arsenic	<15	37
Cadmium	<1.8	11
Chromium	60 to 90	910
Lead	<100	200
Nickel	15-30	180

Therefore, elevated concentrations of the above contaminants are not expected within the natural soils.

3.12 Contemporary Trade Directory Entries and Fuel Station Entries

There are no contemporary trade directory or fuel station entries recorded within 250 m of the site.

4.0 EXPECTED GROUND CONDITIONS

There is no existing information on site specific ground conditions, however, from a review of geological plans and based upon observations made during the site walkover the following ground conditions are expected.

4.1 Surface Covering

The site surface comprises a mix of hardstanding, soft landscaping and developed areas.

4.2 Made Ground

The site lies around 2 m higher than Station Road, which is shown on the earliest historical maps from 1875. Ground levels may therefore have been raised prior to the current development, meaning made ground/reworked natural ground may be present across the site.

4.3 Natural Ground

The natural ground below the north-eastern boundary is expected to comprise Head deposits (clays, silts, sands and gravels). The remainder of the site is expected to be underlain by natural clay or sand over dolostone bedrock.

4.4 Groundwater

The Envirocheck notes that there is limited potential for groundwater flooding to occur beneath the site and therefore shallow groundwater is not anticipated.

5.0 OUTLINE CONCEPTUAL MODEL

The site is to be redeveloped which will involve the conversion/extension of the existing house, and the demolition and replacement of the outbuildings with new single storey buildings that do not exceed the footprint of the existing.

5.1 Potential Sources of Contamination

Any made ground may potentially contain elevated concentrations of common contaminants including metals/metalloids, polycyclic aromatic hydrocarbons (PAHs), asbestos fibres and sulphates.

A number of automobile parts were noted at various locations around the site including car batteries, tyres and fuel containers. Although not directly observed, it is not unreasonable to assume that other parts, such as brake pads and discs and oils etc. may be (or have been) present on site. Automobile parts and accessories can contain elevated concentrations of metals/metalloids, petroleum hydrocarbons (TPHs), BTEX compounds, and asbestos (old brake pads).

The outbuildings appeared to predominantly comprise brick, timber and slate construction but the presence of asbestos containing material cannot be discounted.

Aside from the above, no other significant sources of contaminants have been identified.

5.2 Ground Gas

Radon protective measures are not considered necessary in the construction of new dwellings or extensions.

No significant sources of potential ground gas have been identified; however, given the relative proximity of a historical landfill it would be prudent to install a fully sealed gas membrane in new habitable dwellings in lieu of conducting a full ground gas monitoring programme.

5.3 Potential Pollutant Linkages

The following table details the possible sources and associated contaminants of concern, pathways and receptors:

Source	Potential Contaminants	Potential Pathways	Potential Receptors
Made Ground	Heavy metals/metalloids Asbestos PAHs	Ingestion Inhalation Direct contact Biological uptake	Site residents and visitors to the site Site construction workers Controlled Waters (Principal Aquifer)
Areas around outbuildings used for automobile maintenance and car parts storage	Heavy metals/metalloids TPHs BTEX Compounds Asbestos	Migration through ground	Plants Water supply pipes
Made or natural ground	Sulphates, Low pH	Direct contact	Below ground concrete
Historical landfill, 225 m west	Ground gas	Migration through ground, inhalation	Site residents and visitors to the site Site construction workers Buildings

5.4 Remedial Measures

We understand the proposed development will comprise an extension to the existing house and new single storey buildings covering the footprint of the existing outbuildings. With this in mind, there should be not change to the current landscaping.

The following remedial measures should be allowed for:

- Removal or treatment of localised hotspots should any contaminated soils be found;
- A minimum DS-2 AC-2 level of sulphate precautions, applying to below ground concrete structures within contact of made ground (if present); and
- Suitably resistive water supply pipes in made ground or any contaminated natural shallow soils (if present);
- Installation of a fully sealed gas membrane below habitable spaces.

6.0 GEOTECHNICAL APPRAISAL

6.1 General

The site surface comprises a mix of hardstanding, soft landscaping and developed areas.

Made ground is expected to be present below the site, overlying natural clay or sand and dolostone. Superficial Head deposits (clays, silts, sands and gravels) are expected below the north-eastern site boundary. Shallow groundwater is not expected.

6.2 Foundations & Ground Slabs

It is considered that strip or trench fill footings are likely to be appropriate for the new development. These should be taken through any made ground onto undisturbed natural ground at an expected minimum depth of 900 mm below existing or finished ground level, whichever is lower in clay or 600 mm in granular material. This is dependent on the volume change potential of the soil, which would need to be assessed as part of an intrusive investigation.

If soft spots are identified within the Head material then deepening of the foundations onto more competent underlying strata may be required.

Should the proposed layout be within influencing distance of trees foundations will need to be deepened in accordance with NHBC Standards Chapter 4.2. Precautions against soil heave should be allowed for footings with a calculated founding depth greater than 1500 mm.

Should fissures be present within the dolostone, overlying foundations will require reinforcement.

At this stage, it is expected that a reinforced ground slab will be utilised for the proposed structures. This will be appropriate so long as the new buildings are not underlain by a significant thickness (>600 mm) of made ground. If they are underlain by thick made ground then a suspended floor may need to be utilised. A fully sealed gas membrane is recommended.

6.3 Superstructure Precautions

No additional superstructure precautions are expected to be required, unless significant fissures are found within the bedrock.

6.4 Excavation Problems

Shallow bedrock may be present which may hinder excavation progress.

Some obstructions are likely given that parts of the site have formerly been developed; below ground structures such as the former cesspit will need to be grubbed out prior to development.

The stability of trenches may be poor in made ground (if present). Temporary support will be required in accordance with current Health & Safety Regulations wherever access is required to trenches deeper than 1.2 m, or less where there is risk of collapse.

6.5 Surface Water Drainage

Surface water drainage via ground soakage may be feasible for the proposed development (subject to satisfactory infiltration test results) given the likely presence of dolostone. We understand the current development drains to a soakaway.

7.0 RECOMMENDATIONS FOR FURTHER WORK

Before more definite information regarding the properties of the ground and any contamination present can be given, an intrusive ground investigation will be required. Trial pits by mechanical excavator are expected to be the most suitable means of investigation as this will allow a larger volume of soil to be inspected, as well as allowing for a range of environmental and geotechnical samples to be recovered. Infiltration testing could also be undertaken in order to determine shallow ground soakage suitability.

The potential pollutant linkages presented in Section 5.3 will need to be investigated by means of soil analysis. The chemical testing suite should be chosen to cover the range of potential contaminants indicated. If any clay soils are encountered, geotechnical testing should be carried out to determine their volume change potential.

APPENDIX

Site Walkover Photographs

Envirocheck

Consultants Coal Mining Report



1 – Northern aspect of main house.



2 – Western aspect of main house


Prepared	JRH	Checked	KE	Date	20.04.2021	Photo Number	1-2
<p>E+P Eastwood & Partners CONSULTING ENGINEERS</p> <p>St Andrews House 23 Kingfield Road Sheffield S11 9AS Tel: (0114) 2554554</p>			<p>GREENBANK, STATION ROAD, WHITWELL</p> <p>SAM SMITH</p> <p>SITE PHOTOS</p>				



3 – Manhole cover in yard north of main house



4 – Chamber beneath manhole


Prepared	JRH	Checked	KE	Date	20.04.2021	Photo Number	3-4
 St Andrews House 23 Kingfield Road Sheffield S11 9AS Tel: (0114) 2554554			GREENBANK, STATION ROAD, WHITWELL SAM SMITH SITE PHOTOS				



5 – Outbuildings north of main house



6 – Eastern aspect of main house

Prepared	JRH	Checked	KE	Date	20.04.2021	Photo Number	5-6
 St Andrews House 23 Kingfield Road Sheffield S11 9AS Tel: (0114) 2554554			GREENBANK, STATION ROAD, WHITWELL SAM SMITH SITE PHOTOS				



7 – Southern aspect of main house



8 – Pond feature in front garden south of main house


Prepared	JRH	Checked	KE	Date	20.04.2021	Photo Number	7-8
<p>E+P Eastwood & Partners CONSULTING ENGINEERS</p> <p>St Andrews House 23 Kingfield Road Sheffield S11 9AS Tel: (0114) 2554554</p>			<p>GREENBANK, STATION ROAD, WHITWELL</p> <p>SAM SMITH</p> <p>SITE PHOTOS</p>				



9 – Garden in north of site looking east



10 - Garden in south of site looking north


Prepared	JRH	Checked	KE	Date	20.04.2021	Photo Number	9-10
 St Andrews House 23 Kingfield Road Sheffield S11 9AS Tel: (0114) 2554554			GREENBANK, STATION ROAD, WHITWELL SAM SMITH SITE PHOTOS				



11 – Site driveway leading on to road.



12 – Container storage of batteries

Prepared	JRH	Checked	KE	Date	20.04.2021	Photo Number	11-12
 St Andrews House 23 Kingfield Road Sheffield S11 9AS Tel: (0114) 2554554			GREENBANK, STATION ROAD, WHITWELL SAM SMITH SITE PHOTOS				



13 – Skip storage in west of site



14 – Pallet storage in west of site

Prepared	JRH	Checked	KE	Date	20.04.2021	Photo Number	13-14
<p>E+P Eastwood & Partners CONSULTING ENGINEERS</p> <p>St Andrews House 23 Kingfield Road Sheffield S11 9AS Tel: (0114) 2554554</p>			<p>GREENBANK, STATION ROAD, WHITWELL</p> <p>SAM SMITH</p> <p>SITE PHOTOS</p>				

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

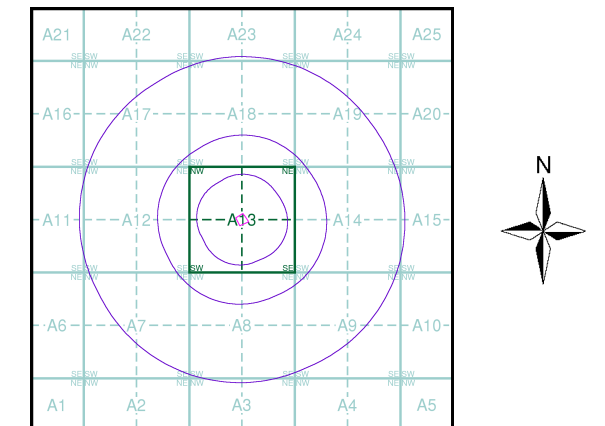
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1854	2
Derbyshire	1:10,560	1883 - 1884	3
Nottinghamshire	1:10,560	1885	4
Yorkshire	1:10,560	1893 - 1894	5
Derbyshire	1:10,560	1899	6
Yorkshire	1:10,560	1903	7
Yorkshire	1:10,560	1905	8
Derbyshire	1:10,560	1919 - 1923	9
Derbyshire	1:10,560	1922 - 1923	10
Yorkshire	1:10,560	1924	11
Derbyshire	1:10,560	1938 - 1950	12
Yorkshire	1:10,560	1947 - 1950	13
Derbyshire	1:10,560	1950	14
Ordnance Survey Plan	1:10,000	1956	15
Ordnance Survey Plan	1:10,000	1967	16
Ordnance Survey Plan	1:10,000	1987	17
Ordnance Survey Plan	1:10,000	1992	18
10K Raster Mapping	1:10,000	2000	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2021	21

Historical Map - Slice A



Order Details

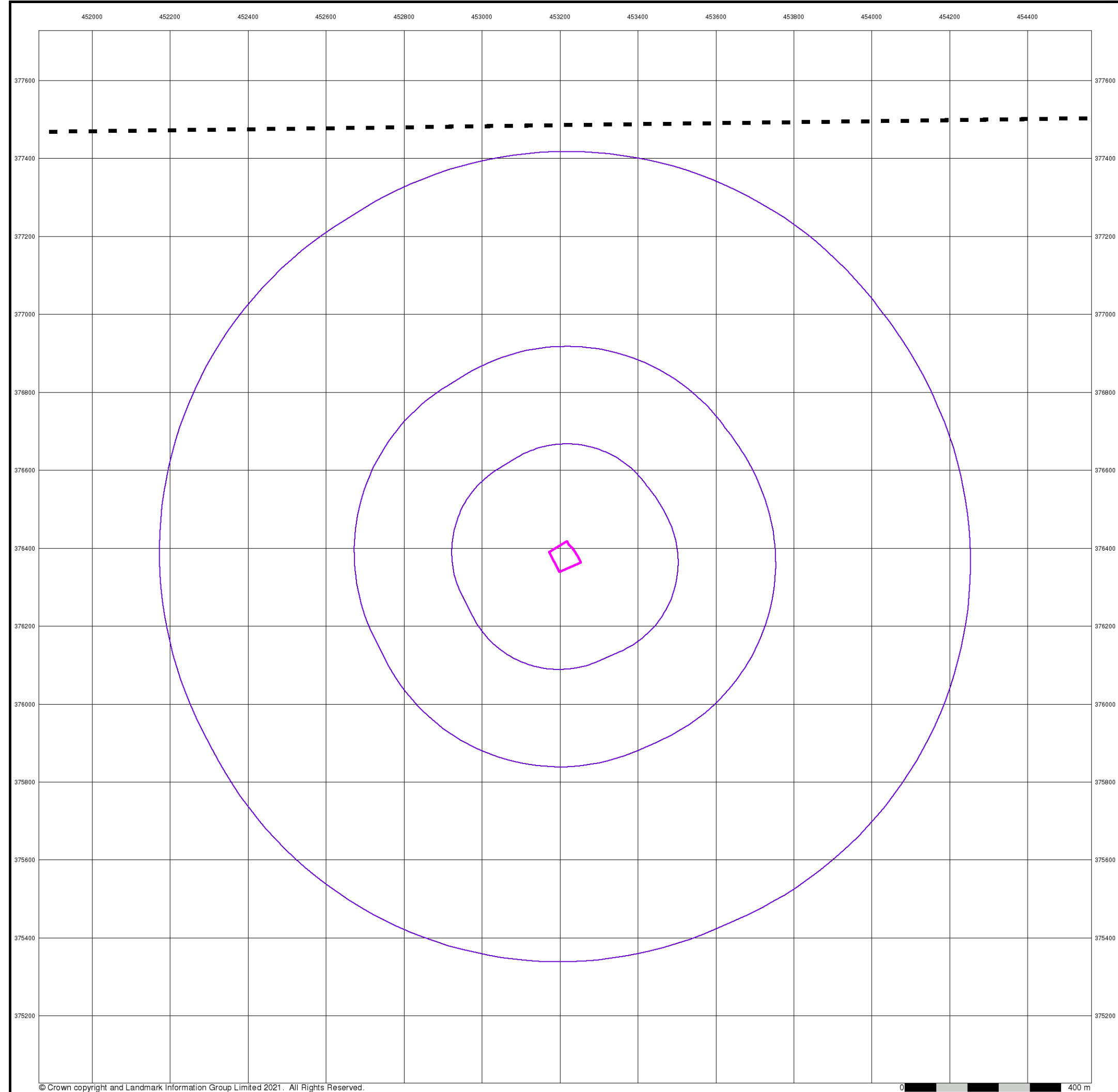
Order Number: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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Yorkshire

Published 1854

Source map scale - 1:10,560

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Map Name(s) and Date(s)

30000
1854
1:10,560

Historical Map - Slice A

Order Details

Order Number:	276936040_1_1
Customer Ref:	46003
National Grid Reference:	453210, 376380
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Search Buffer (m):	1000

Site Details

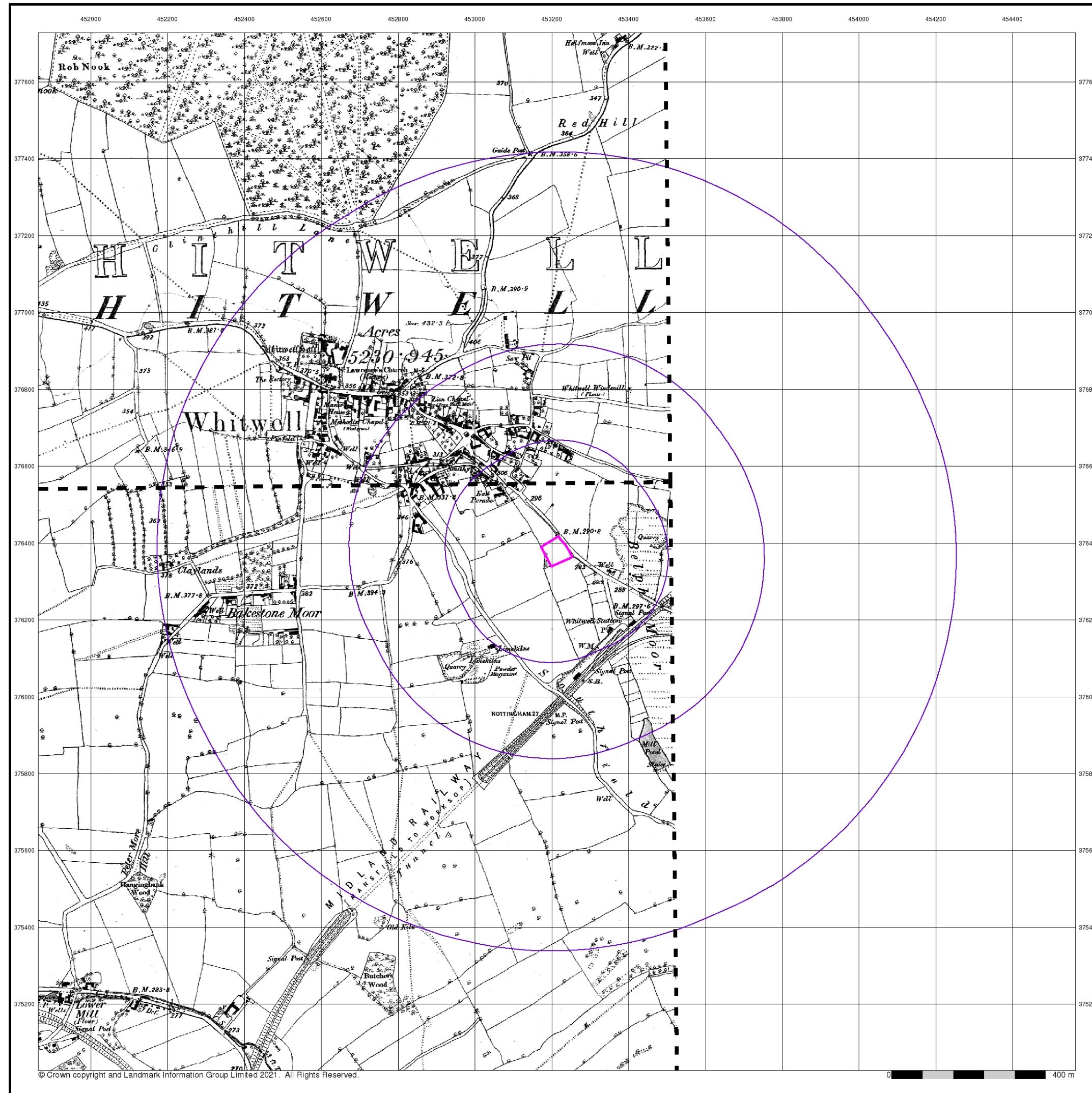
Site at 453210, 376380

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Derbyshire

Published 1883 - 1884

Source map scale - 1:10,560

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Map Name(s) and Date(s)

019NE	1883	1:10,560
019SE	1884	1:10,560

Historical Map - Slice A

Order Details

Order Number:	276936040_1_1
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Search Buffer (m):	1000

Site Details

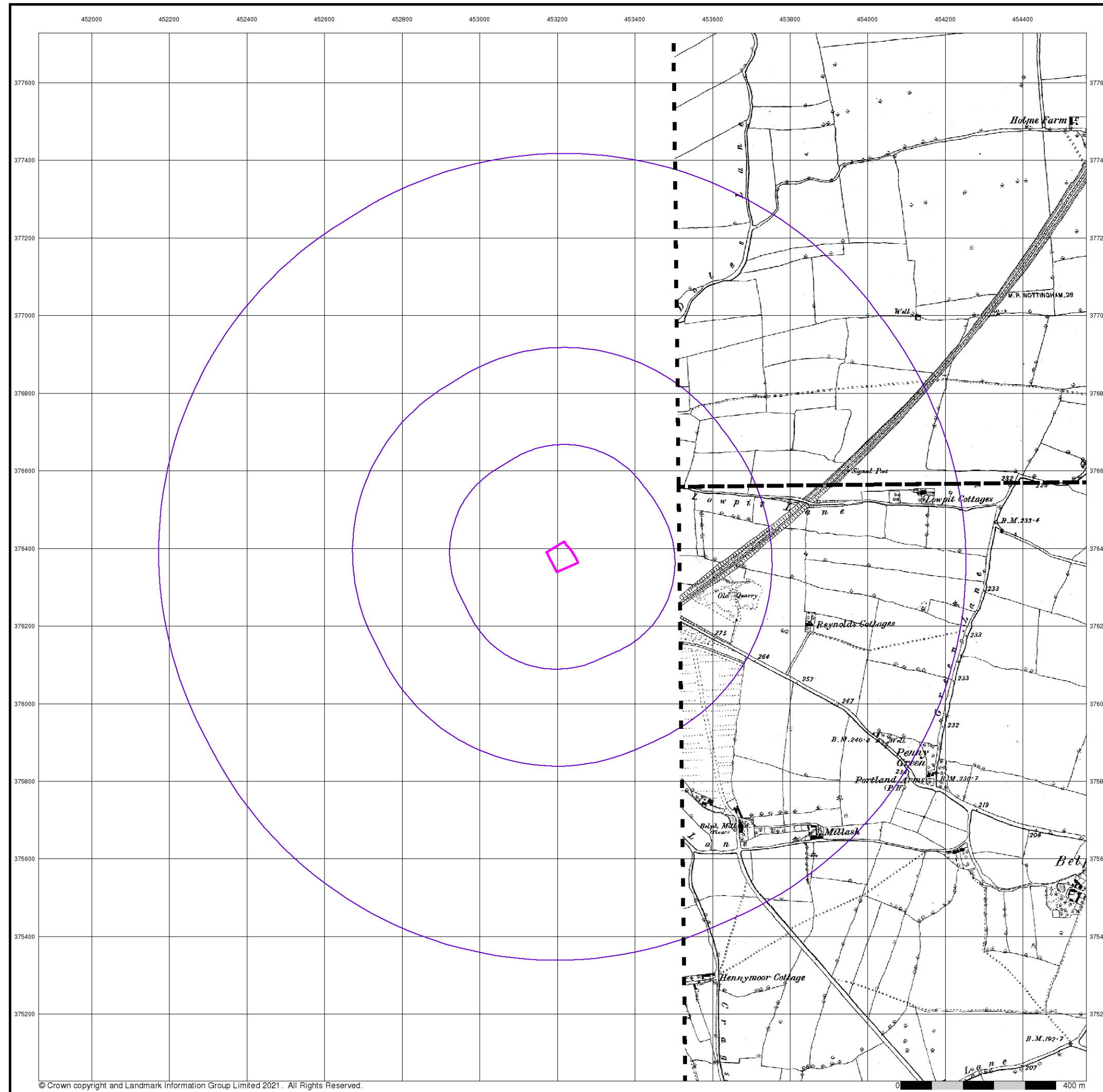
Site at 453210, 376380

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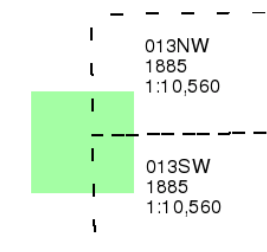
Nottinghamshire

Published 1885

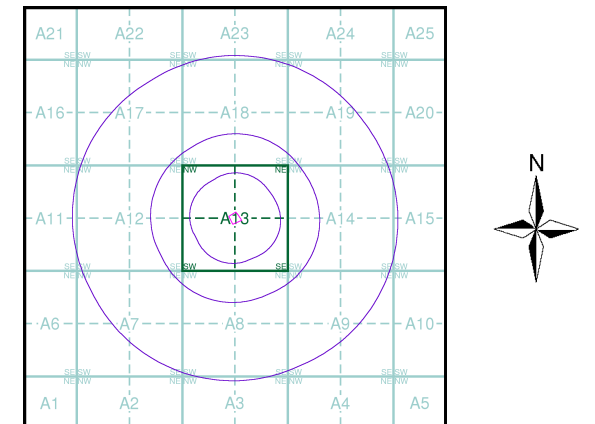
Source map scale - 1:10,560

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

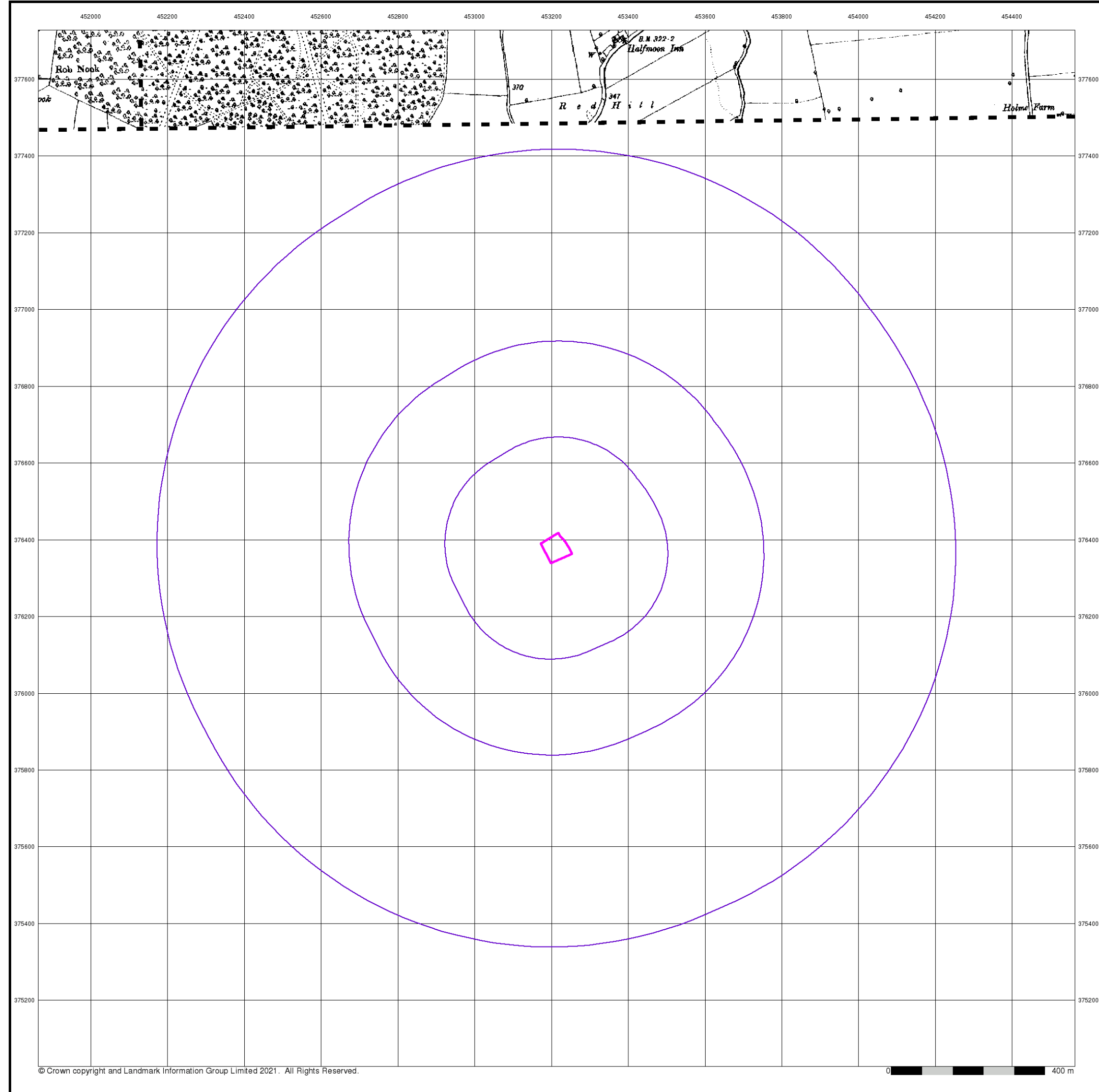


Order Details

Order Number: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

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Yorkshire

Published 1893 - 1894

Source map scale - 1:10,560

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Map Name(s) and Date(s)

300SW 1893 1:10,560	300SE 1894 1:10,560
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Historical Map - Slice A

Order Details

Order Number:	276936040_1_1
Customer Ref:	46003
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Slice:	A
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Site Details

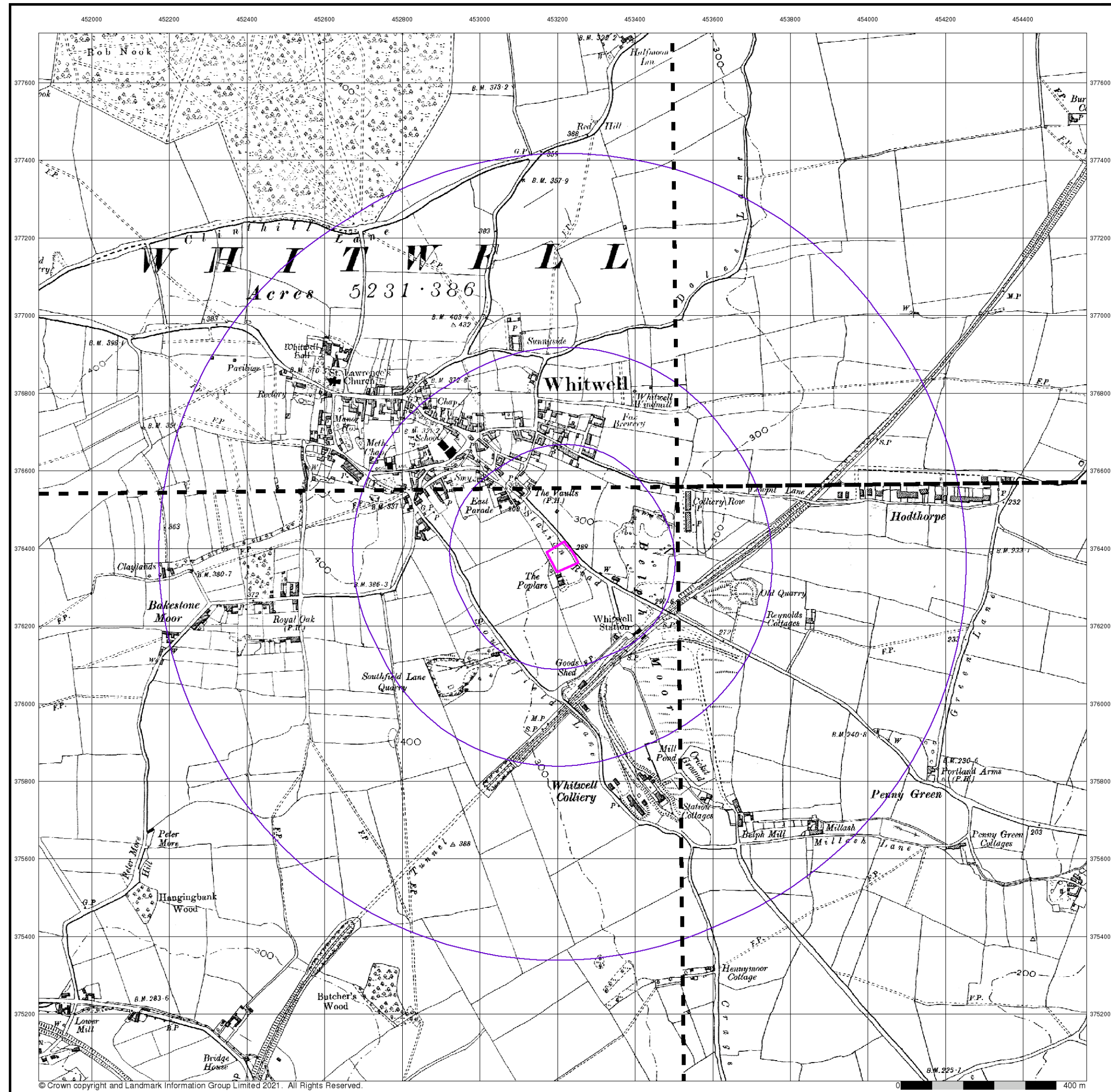
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Derbyshire

Published 1899

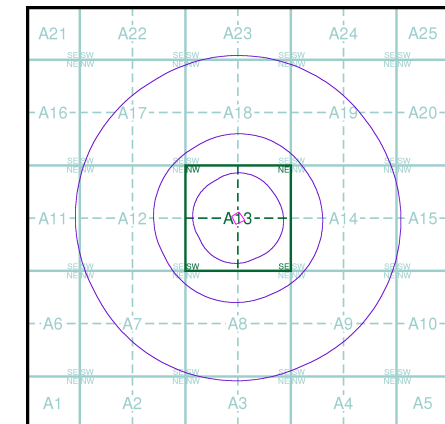
Source map scale - 1:10,560

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)

019NE 1899 1:10,560	020NW 1899 1:10,560
019SE 1899 1:10,560	020SW 1899 1:10,560

Historical Map - Slice A



Order Details

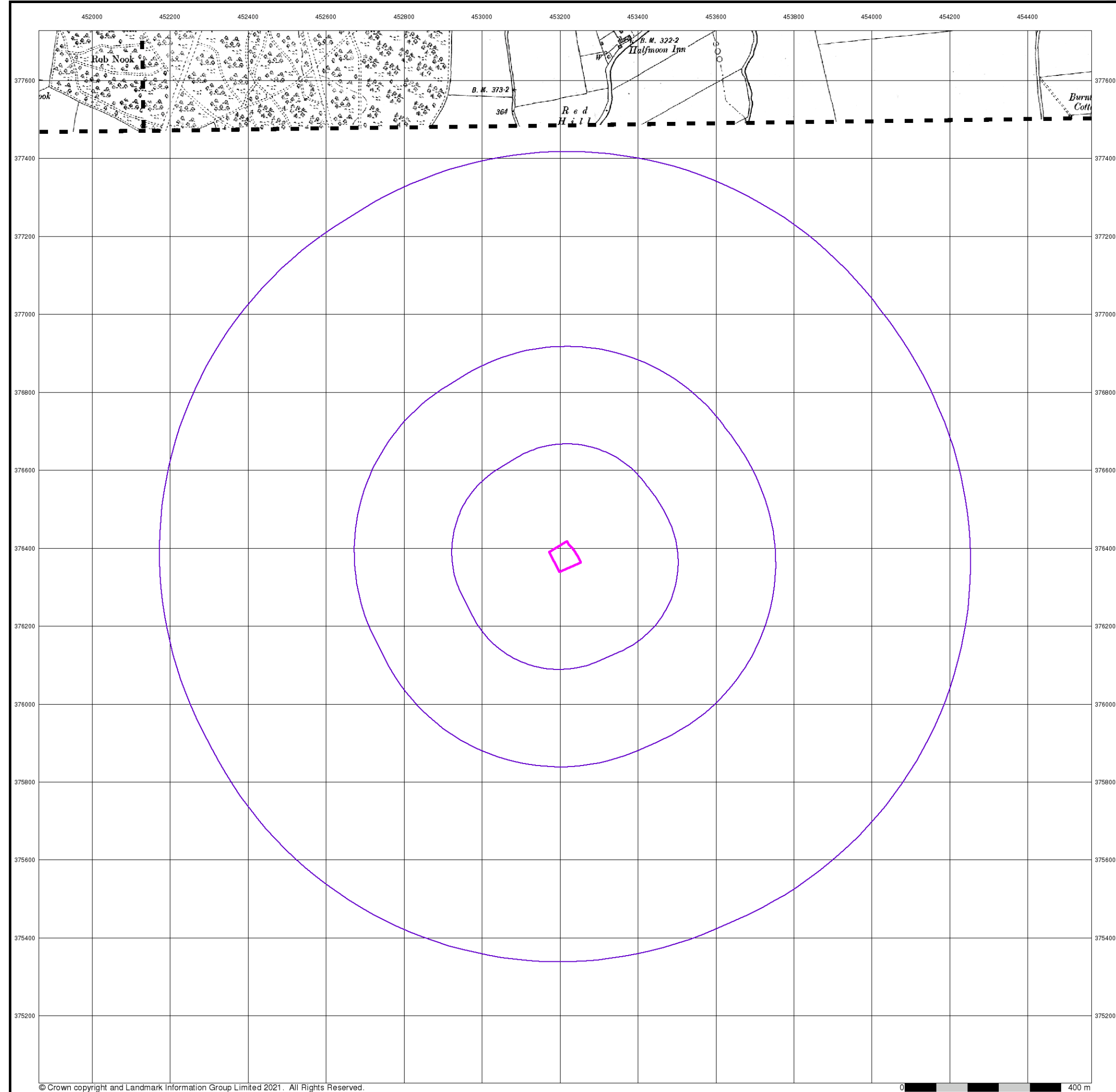
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Slice: A
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Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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Yorkshire

Published 1903

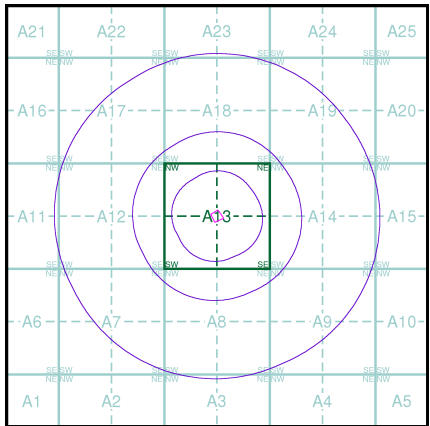
Source map scale - 1:10,560

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Map Name(s) and Date(s)

300SW 1903 1:10,560	300SE 1903 1:10,560
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Historical Map - Slice A

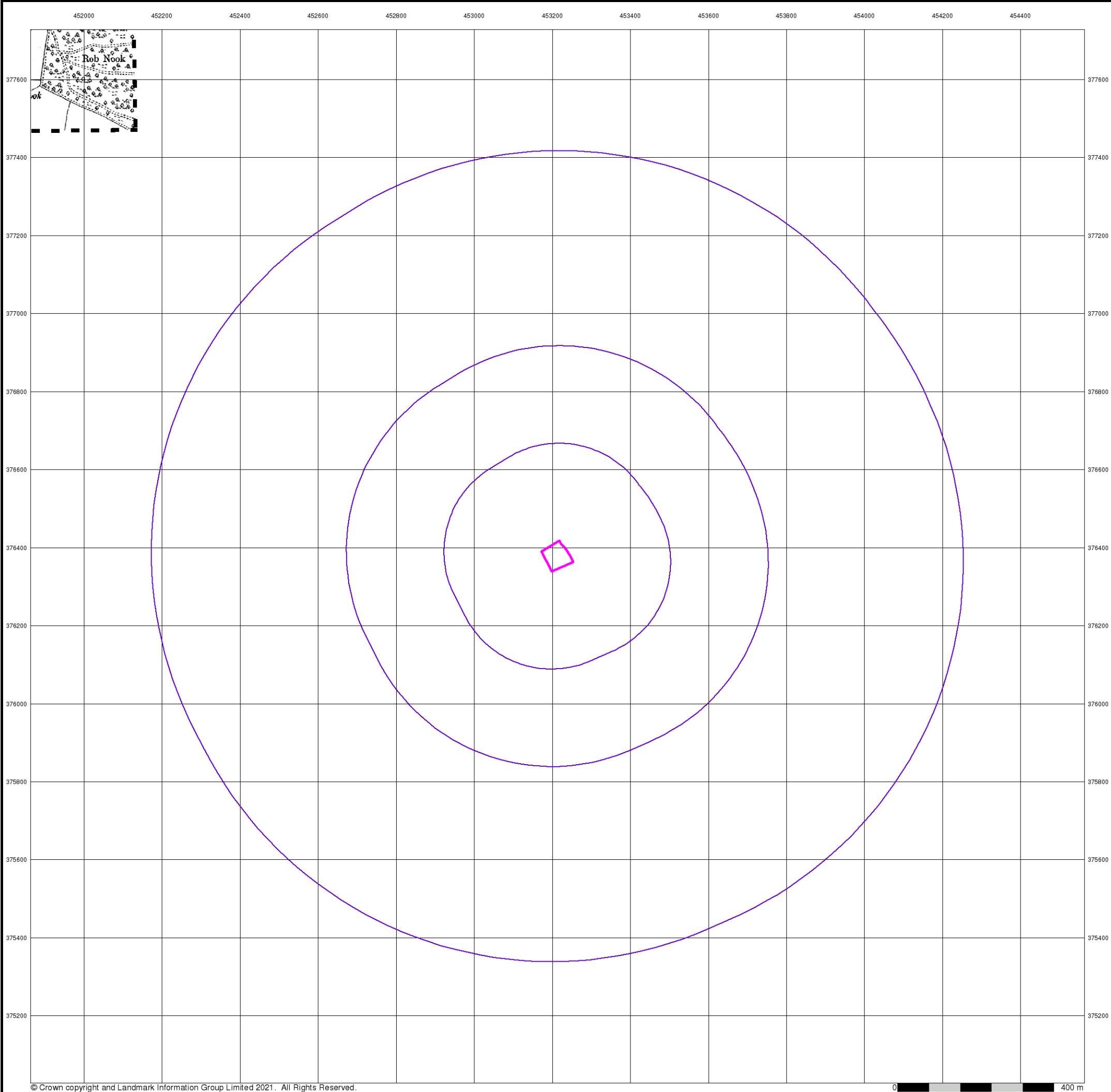


Order Details

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Customer Ref: 46003
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Slice: A
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Search Buffer (m): 1000

Site Details

Site at 453210, 376380



Yorkshire

Published 1905

Source map scale - 1:10,560

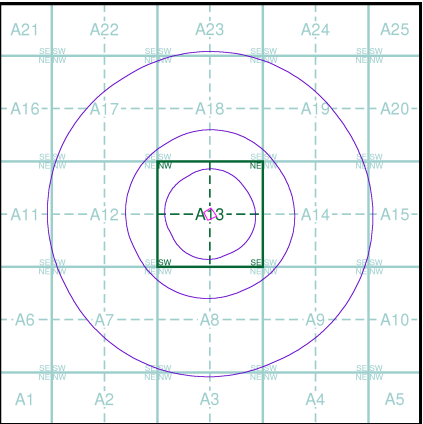
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

300SW
1905
1:10,560



Historical Map - Slice A

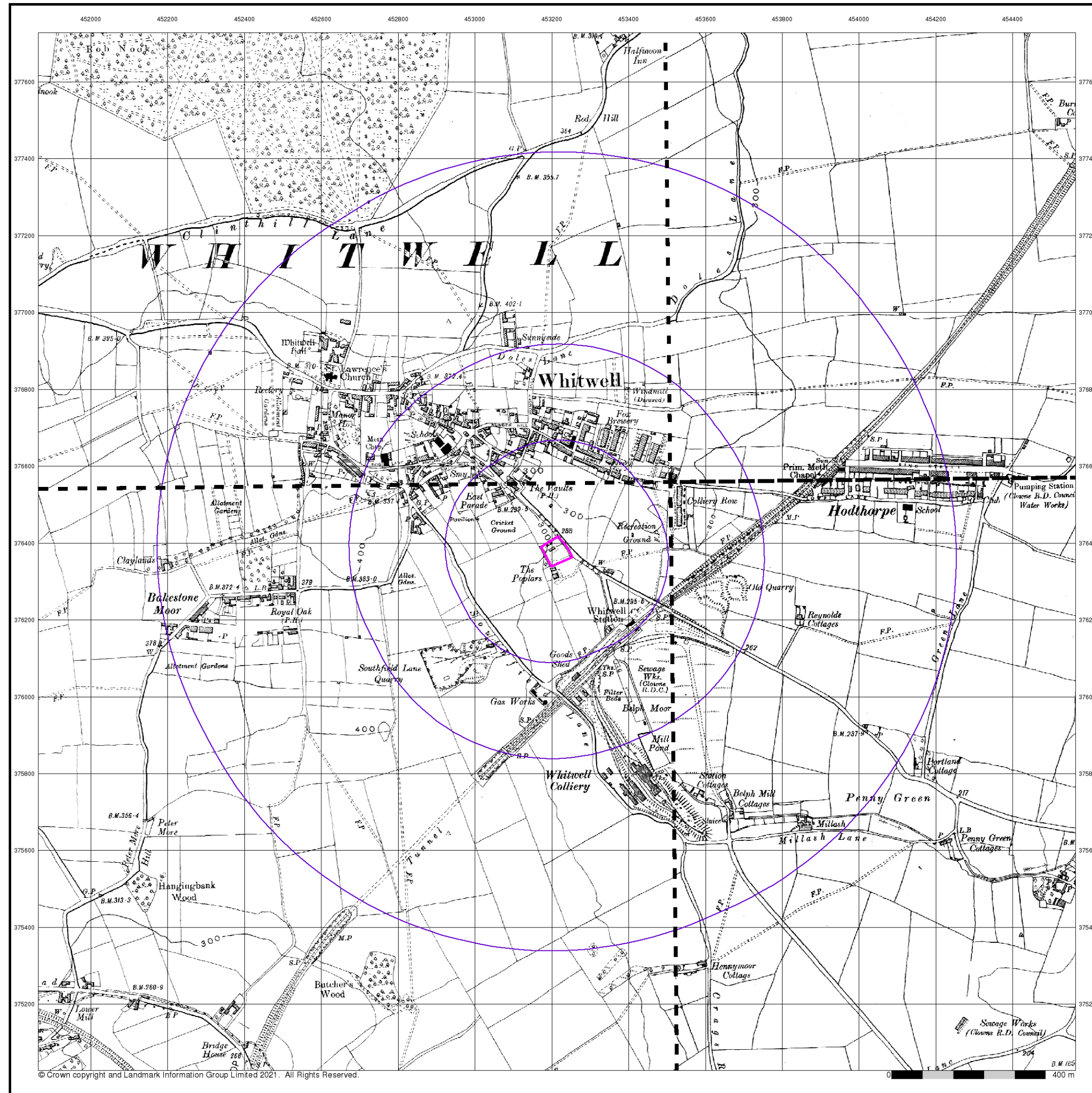


Order Details

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Customer Ref: 46003
National Grid Reference: 453210, 376380
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Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380



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Derbyshire

Published 1919 - 1923

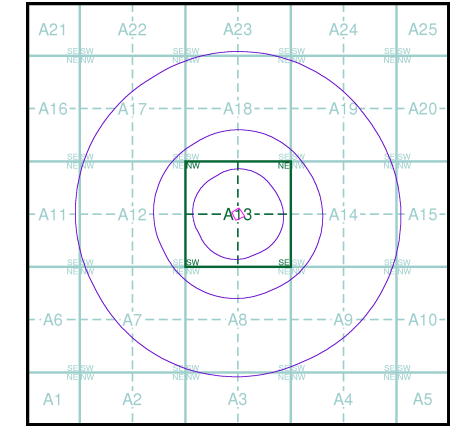
Source map scale - 1:10,560

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)

019NE 1923 1:10,560	020NW 1922 1:10,560
019SE 1923 1:10,560	020SW 1919 1:10,560

Historical Map - Slice A



Order Details

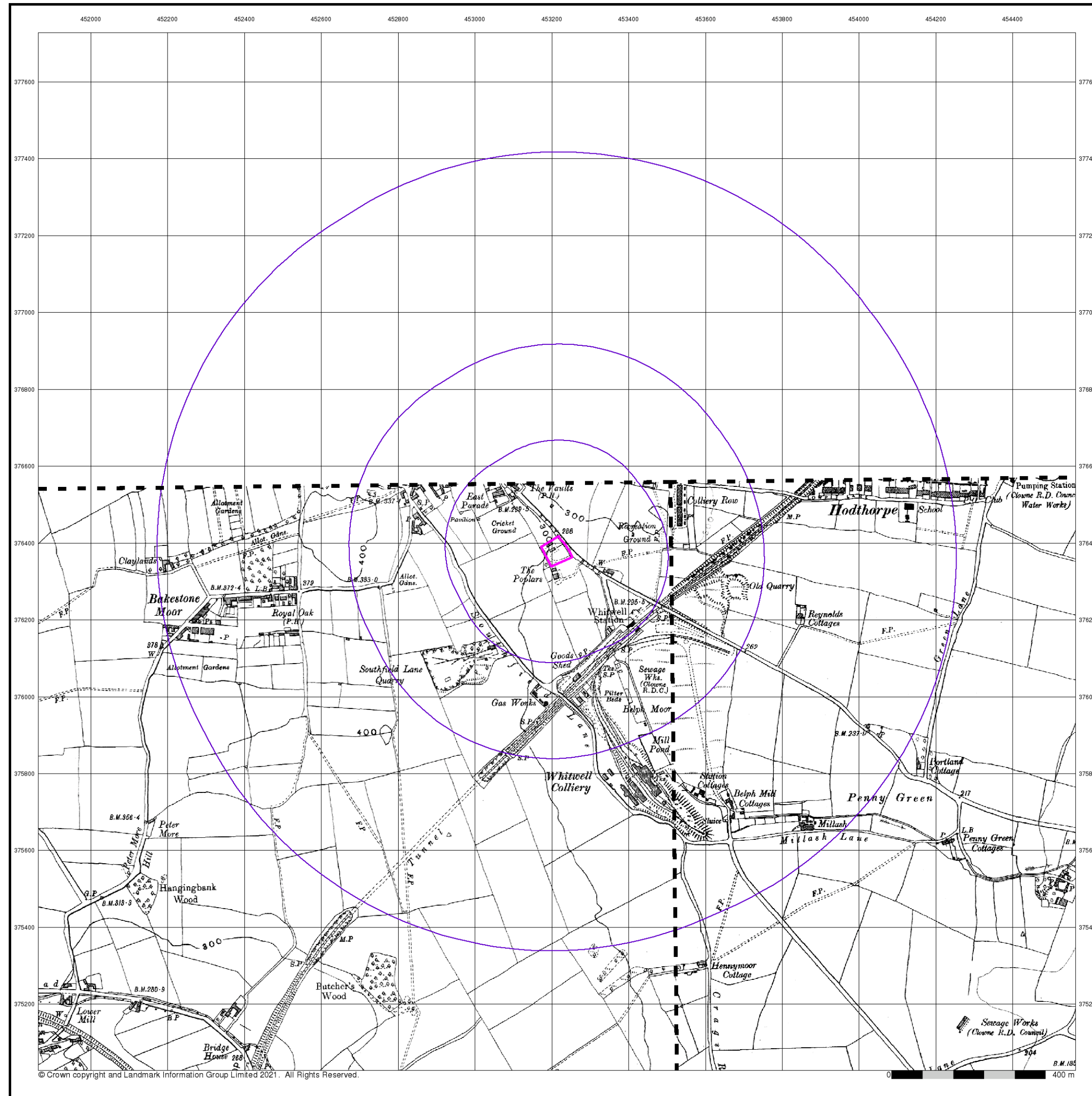
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Slice: A
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Site Details

Site at 453210, 376380

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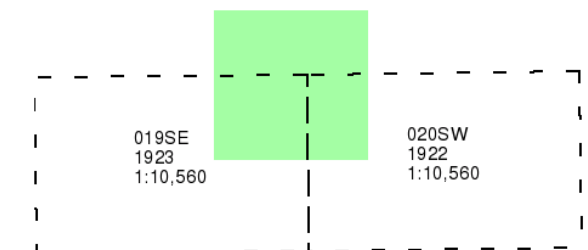
Derbyshire

Published 1922 - 1923

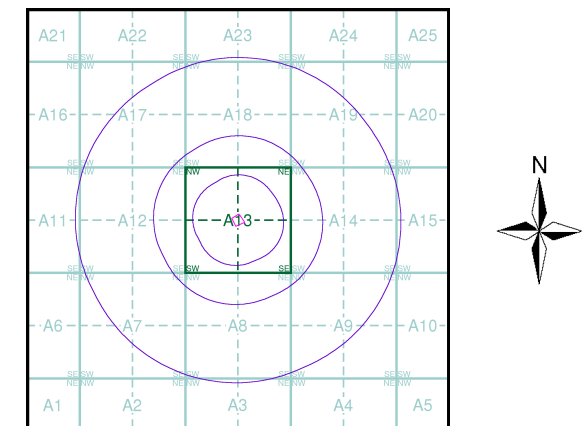
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

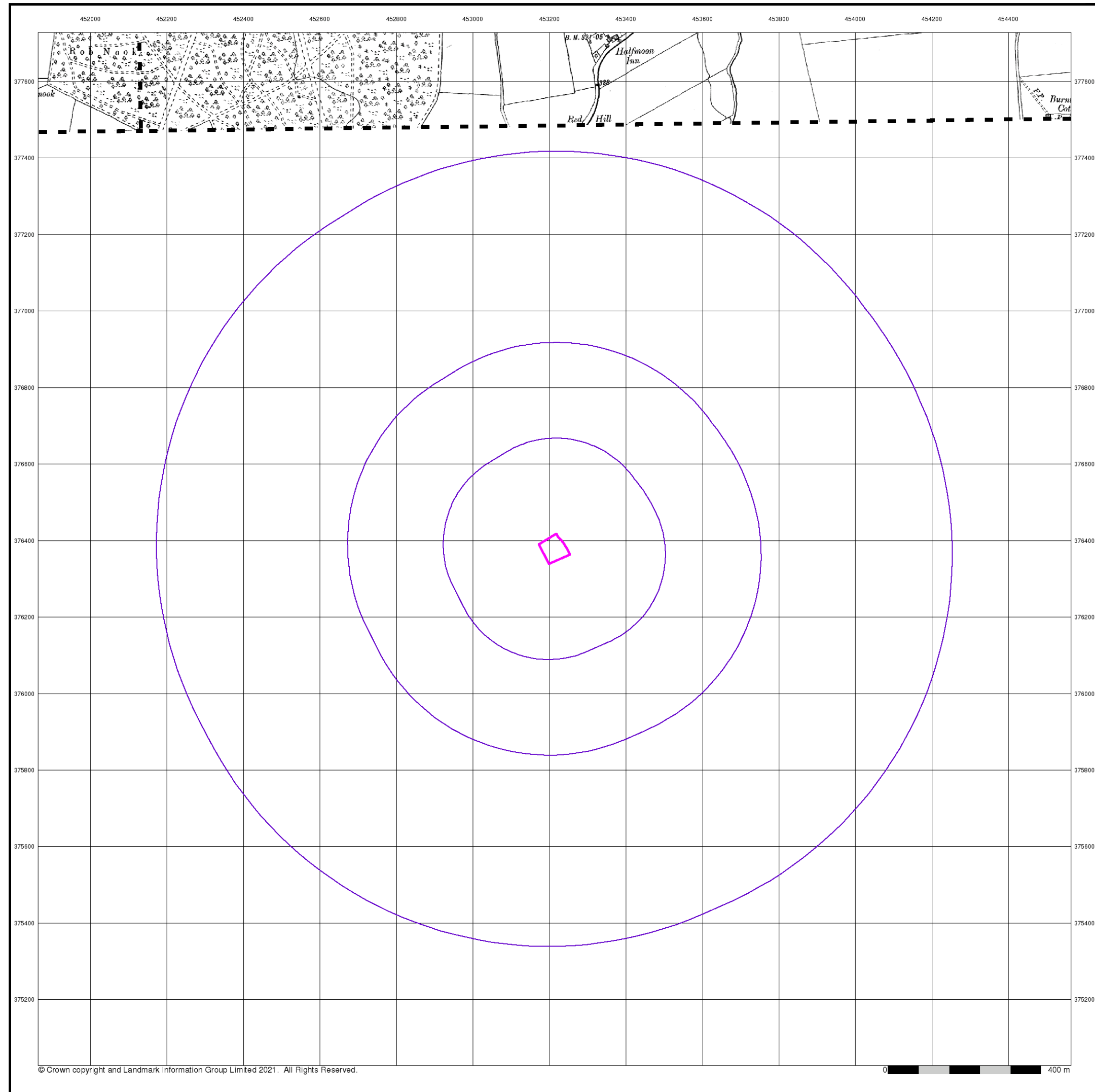


Order Details

Order Number: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380



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Yorkshire

Published 1924

Source map scale - 1:10,560

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Map Name(s) and Date(s)

300SW 1924 1:10,560	300SE 1924 1:10,560
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Historical Map - Slice A

Order Details

Order Number:	276936040_1_1
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National Grid Reference:	453210, 376380
Slice:	A
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Site Details

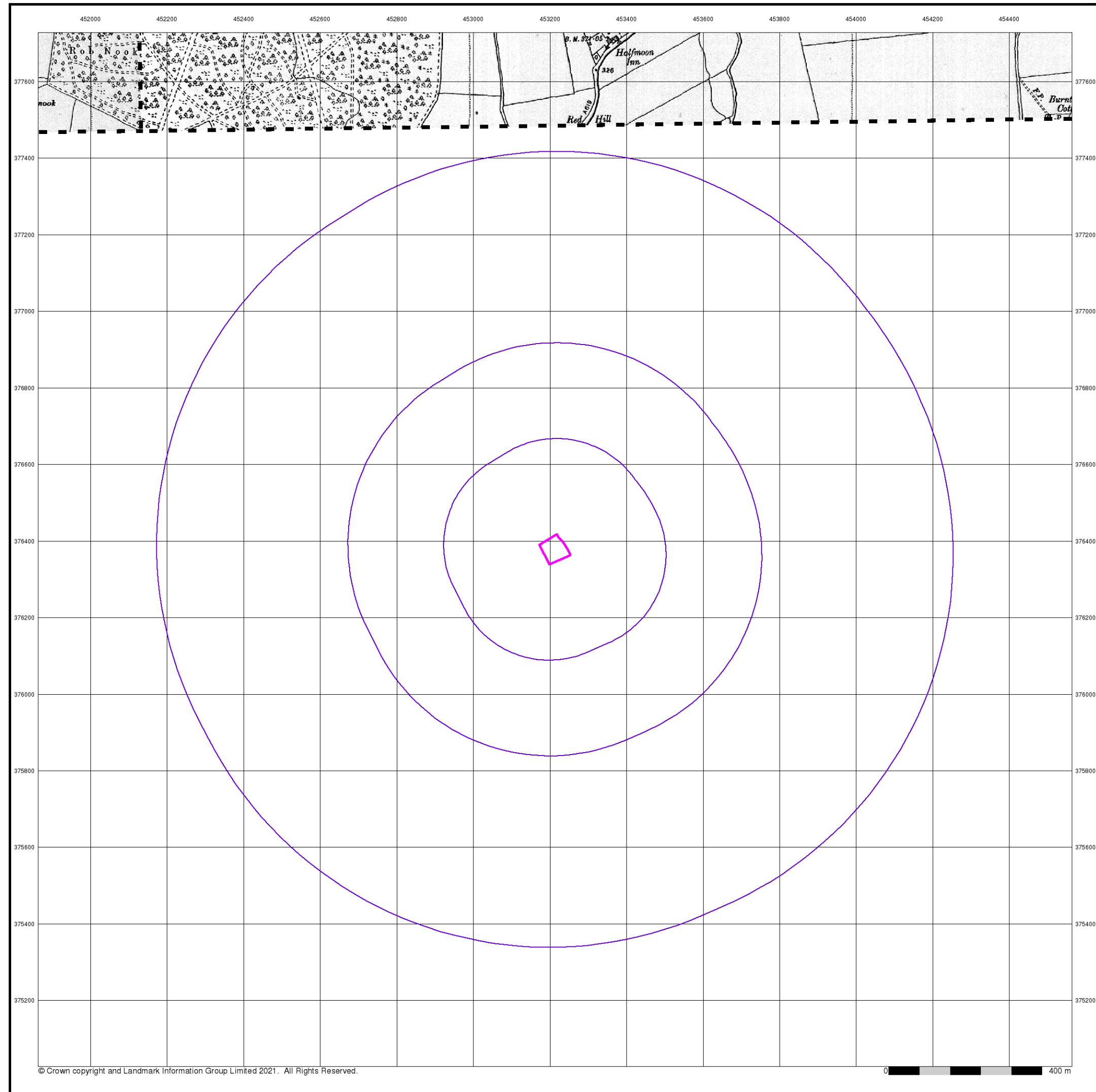
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Yorkshire

Published 1947 - 1950

Source map scale - 1:10,560

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Map Name(s) and Date(s)

300SW 1947 1:10,560	300SE 1950 1:10,560
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Historical Map - Slice A

Order Details

Order Number:	276936040_1_1
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Site Details

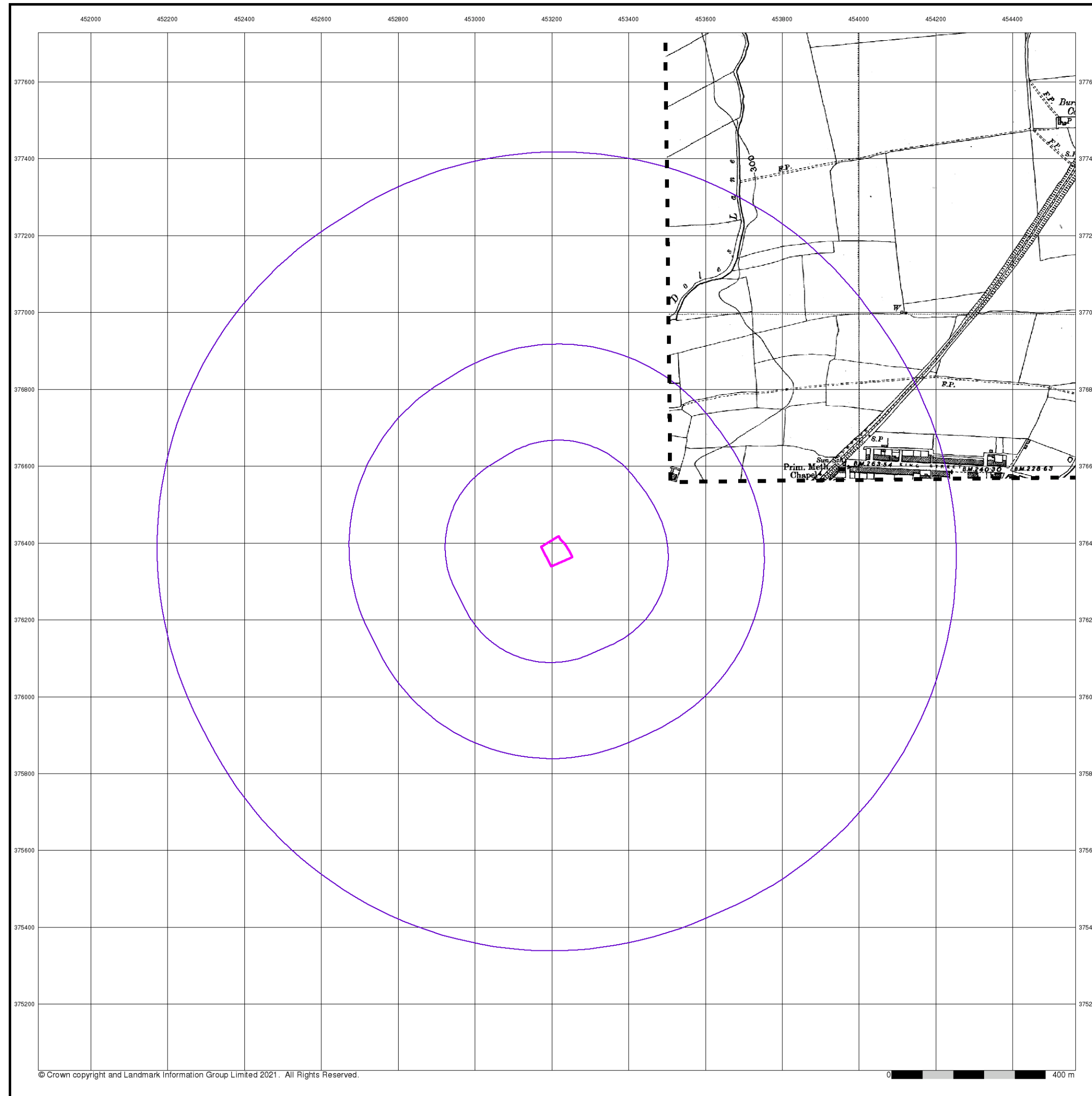
Site at 453210, 376380

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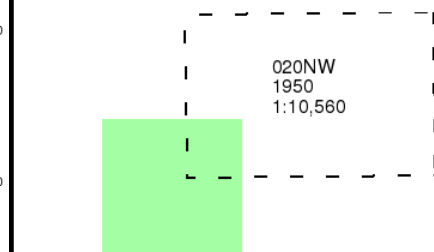
Derbyshire

Published 1950

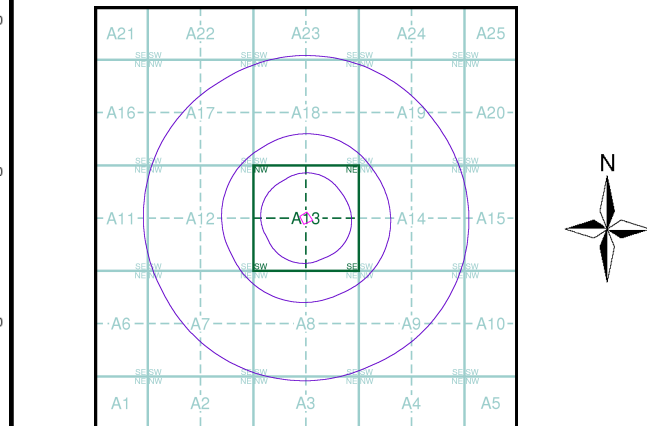
Source map scale - 1:10,560

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)



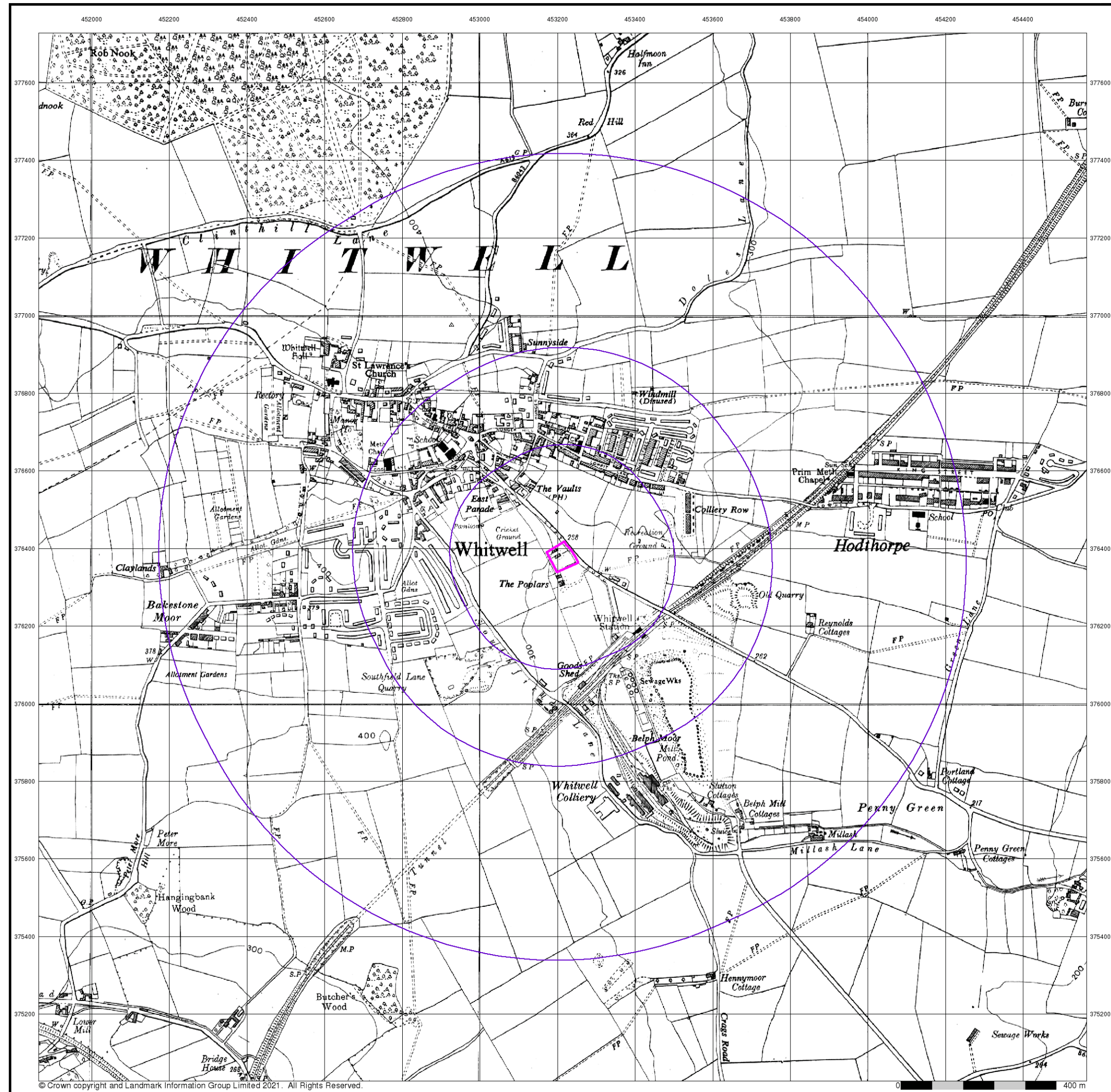
Historical Map - Slice A



Order Details	
Order Number:	276936040_1_1
Customer Ref:	46003
National Grid Reference:	453210, 376380
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Search Buffer (m):	1000

Site Details

Site at 453210, 376380



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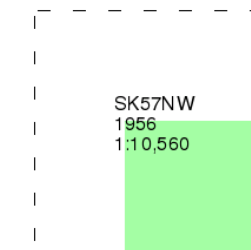
Ordnance Survey Plan

Published 1956

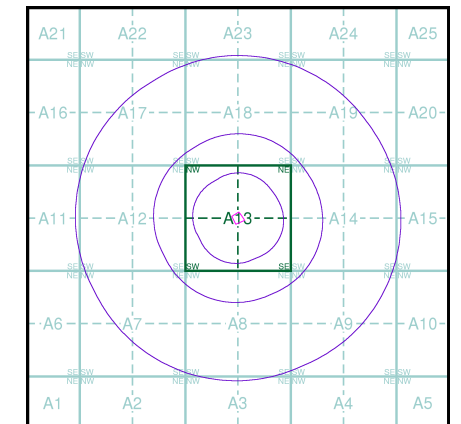
Source map scale - 1:10,000

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

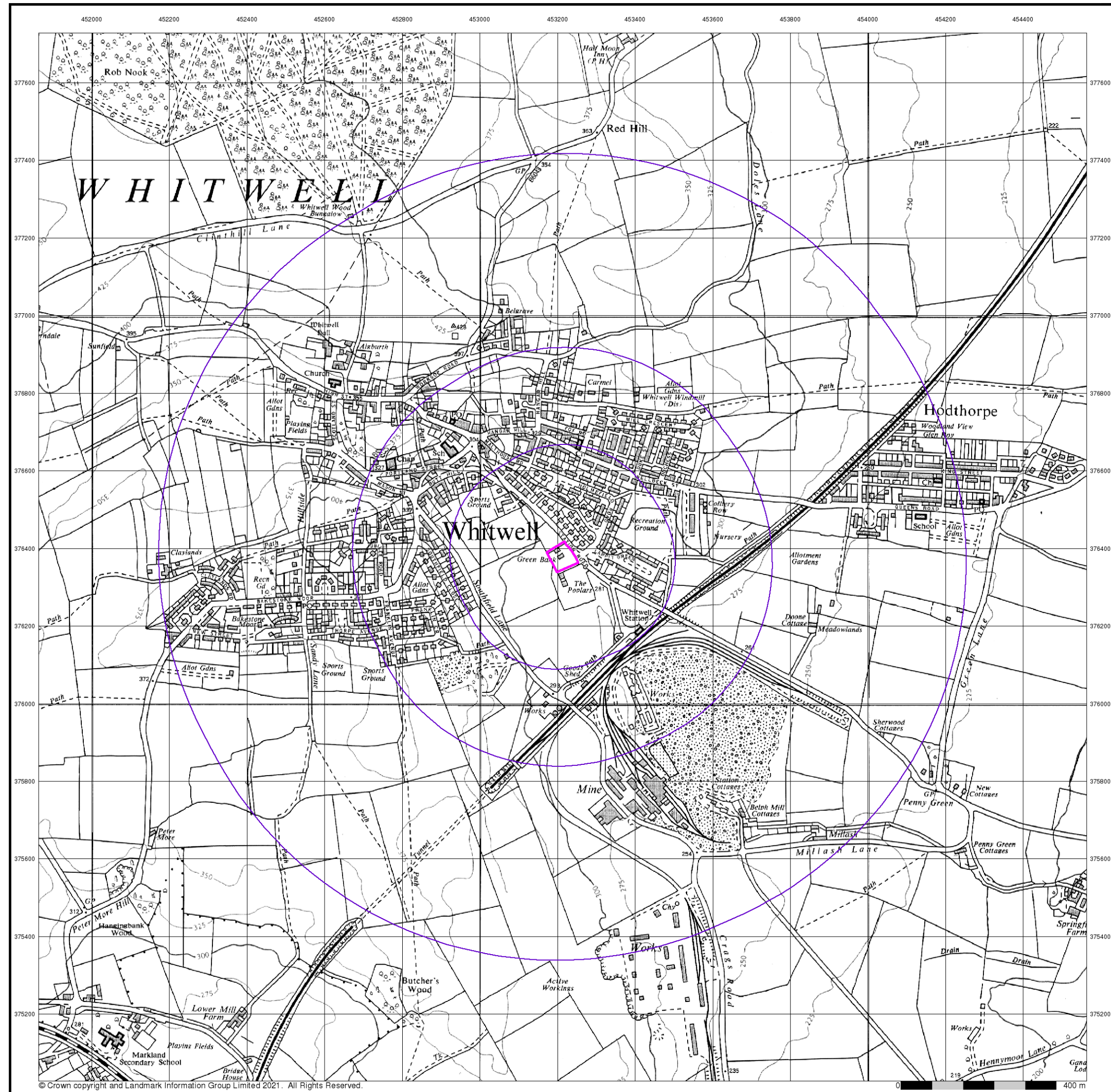
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Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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Ordnance Survey Plan

Published 1967

Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK57NW
1967
1:10,560

Historical Map - Slice A

Order Details

Order Number:	276936040_1_1
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National Grid Reference:	453210, 376380
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Site Details

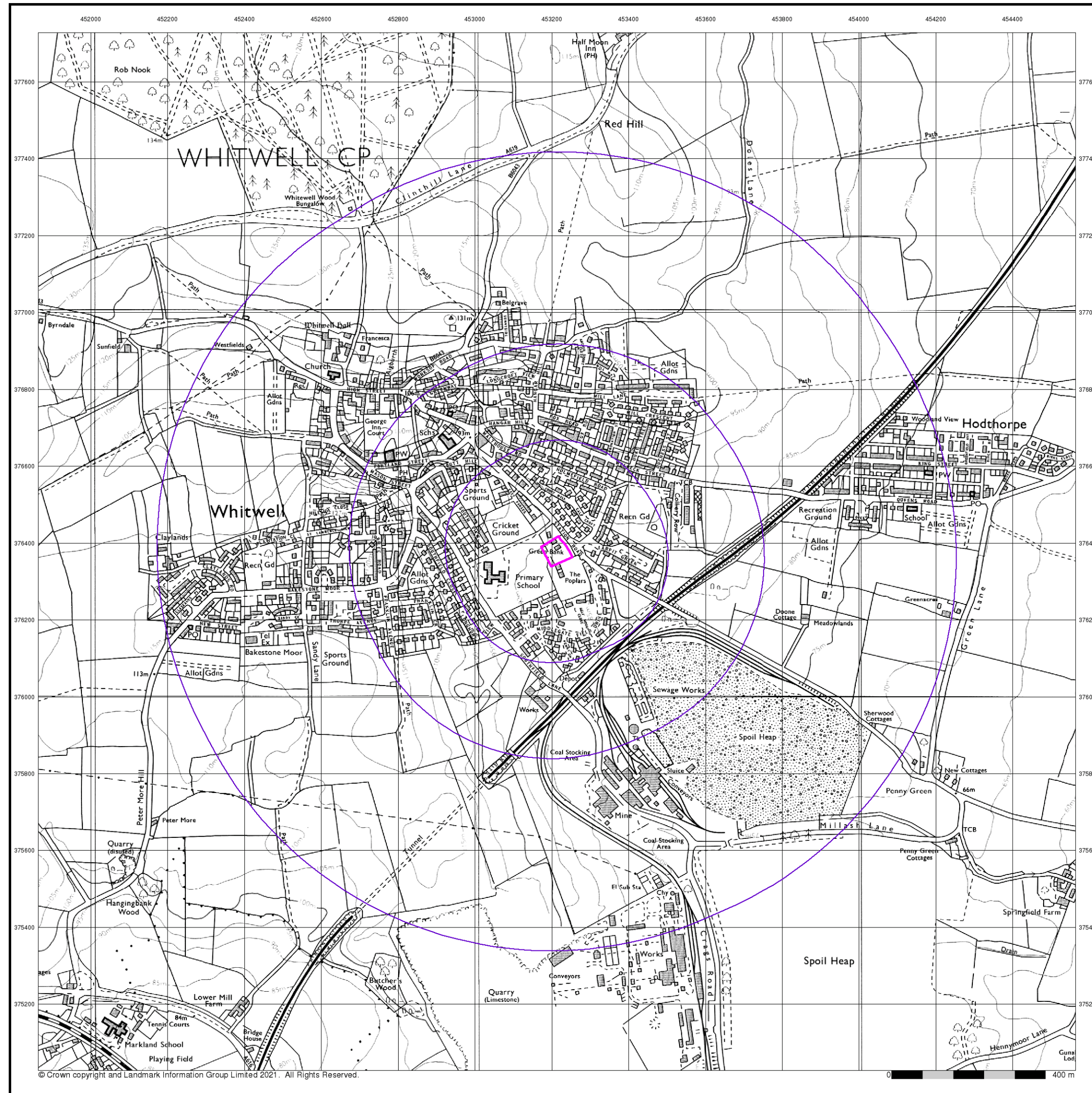
Site at 453210, 376380

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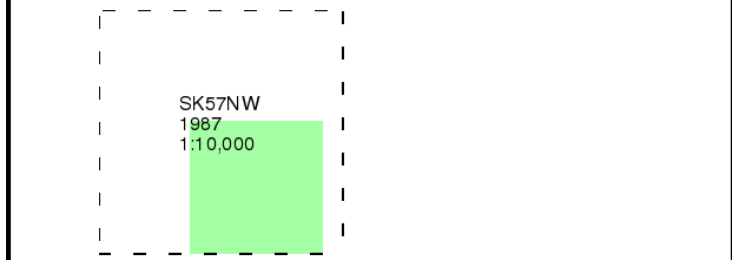
Ordnance Survey Plan

Published 1987

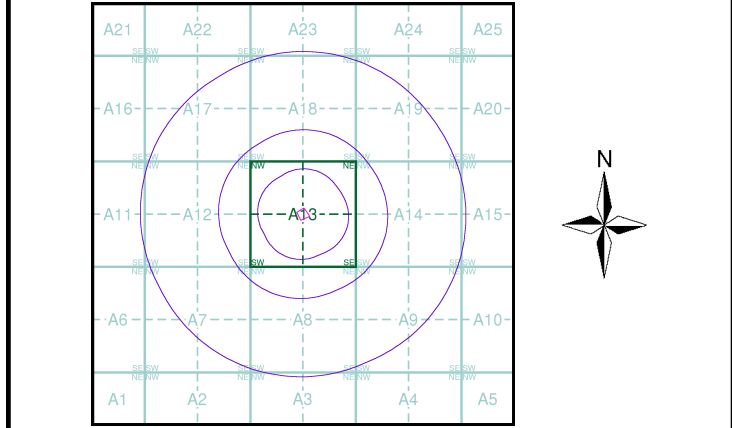
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



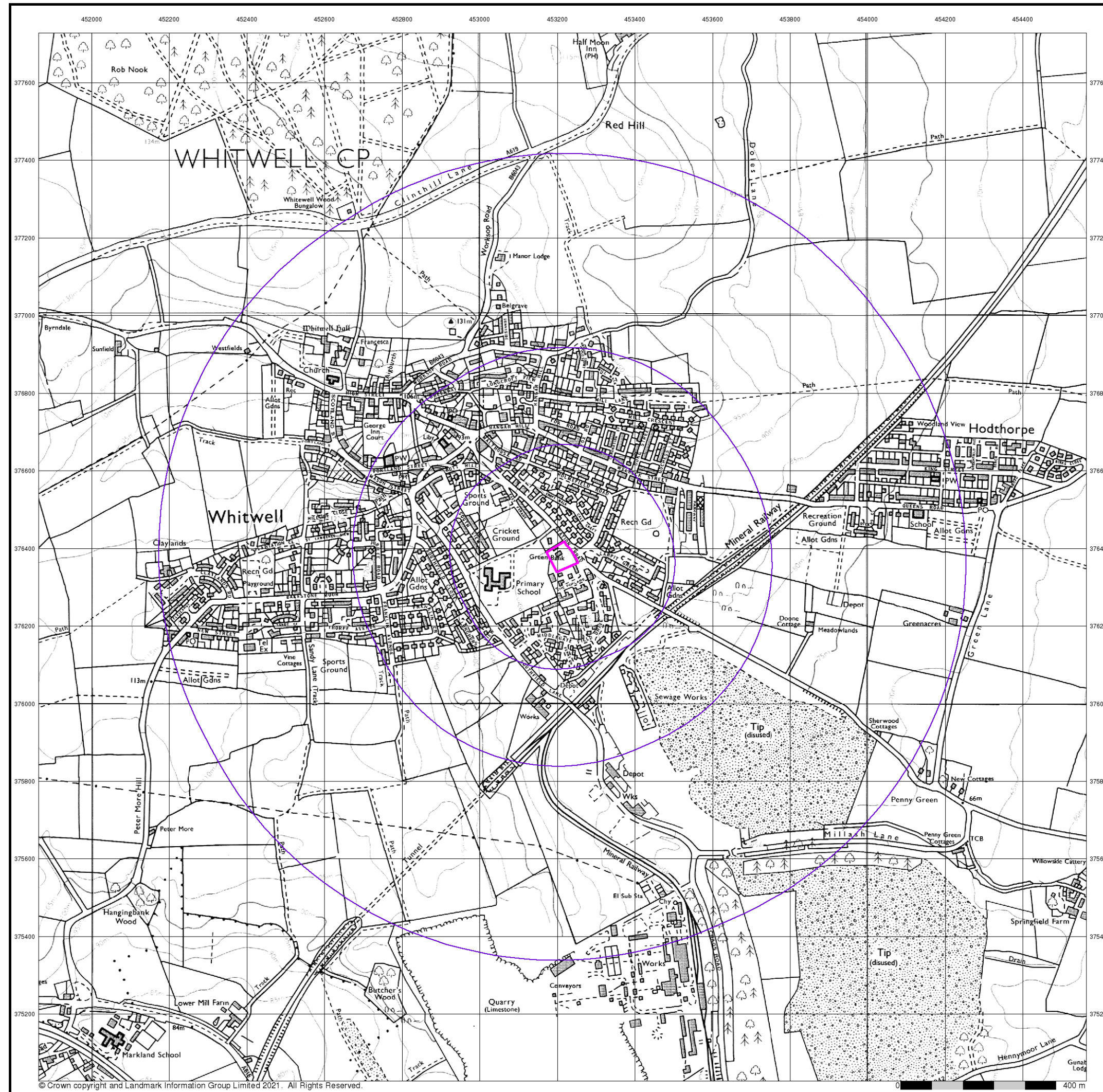
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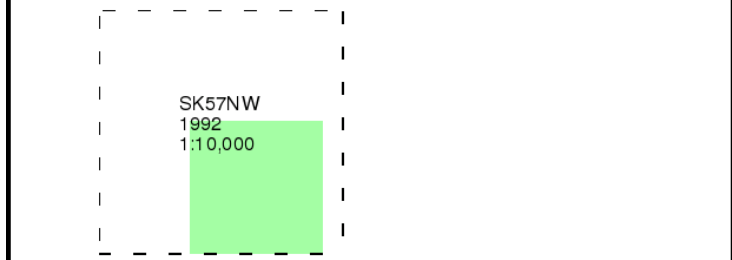
Ordnance Survey Plan

Published 1992

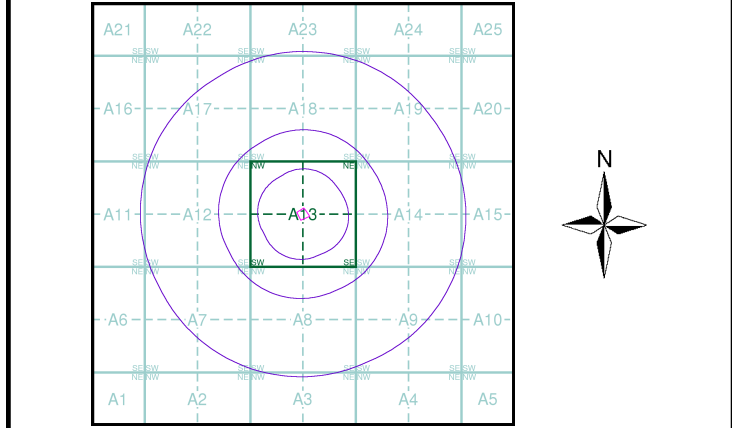
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



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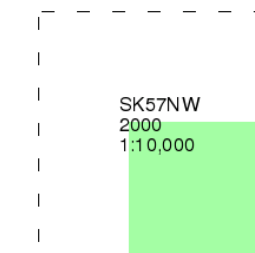
10k Raster Mapping

Published 2000

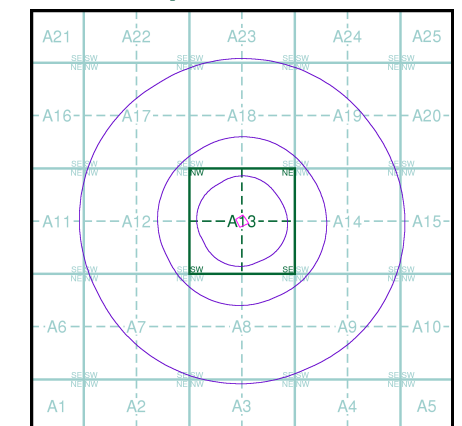
Source map scale - 1:10,000

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

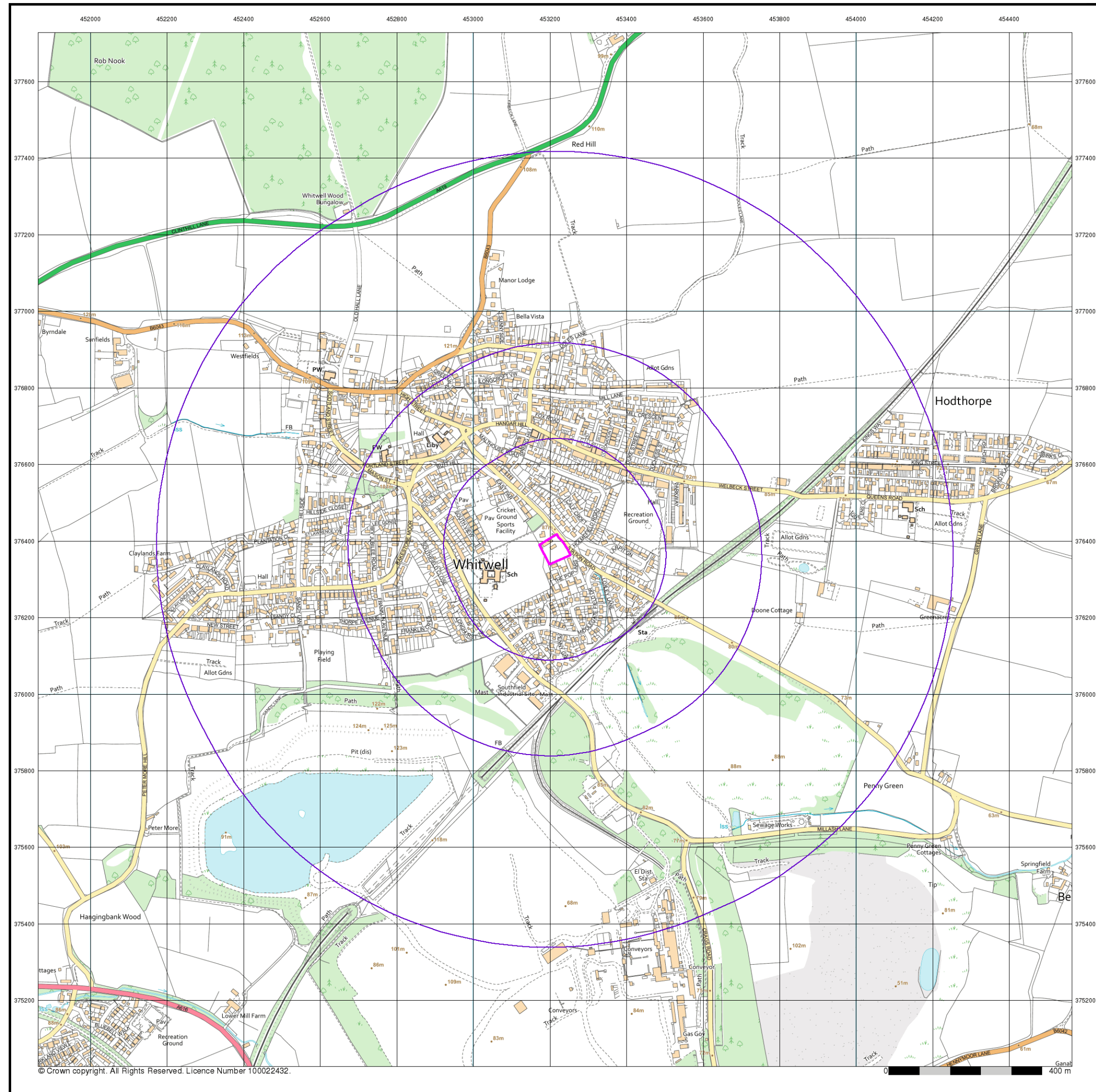
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VectorMap Local

Published 2021

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)

SK57NW

2021

Variable

Historical Map - Slice A

Order Details

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Site Details

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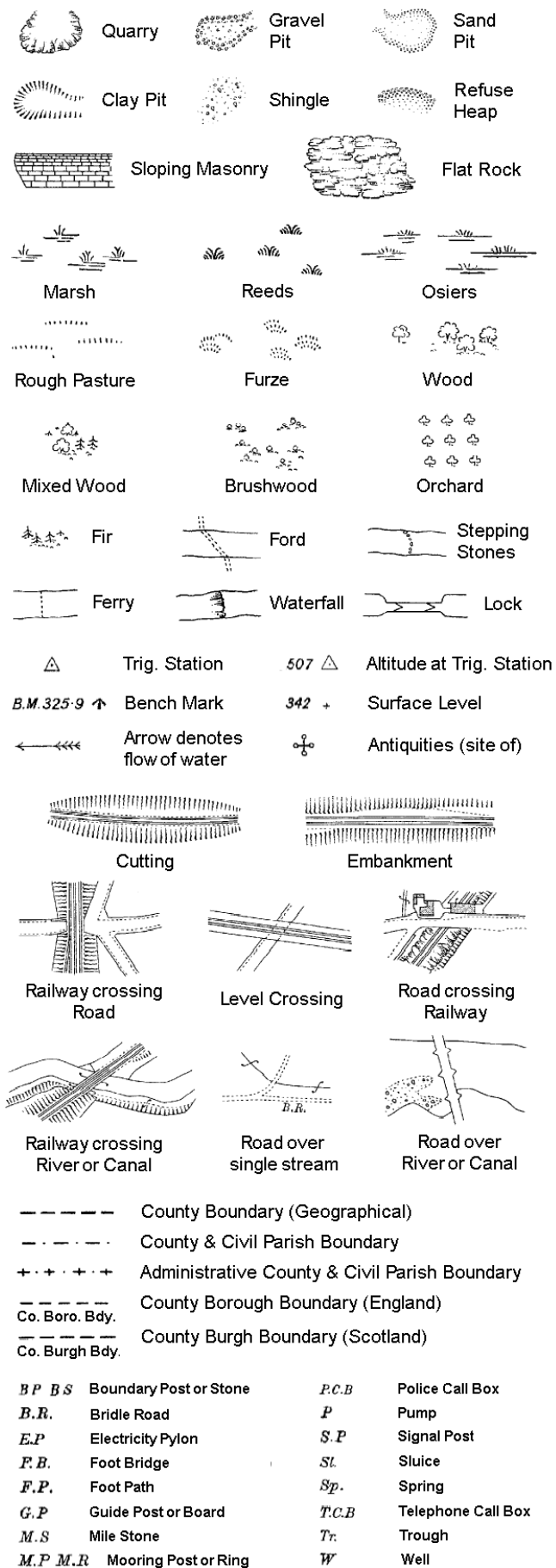
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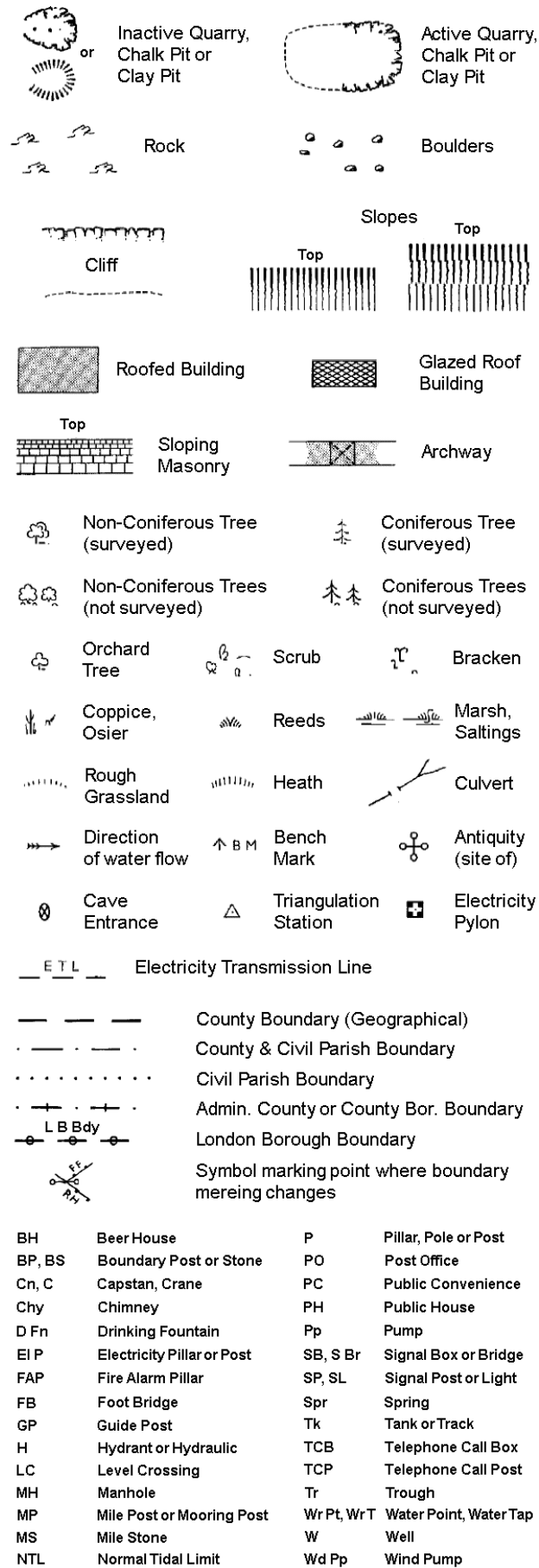
A Landmark Information Group Service v50.0 19-Apr-2021 Page 21 of 21

Historical Mapping Legends

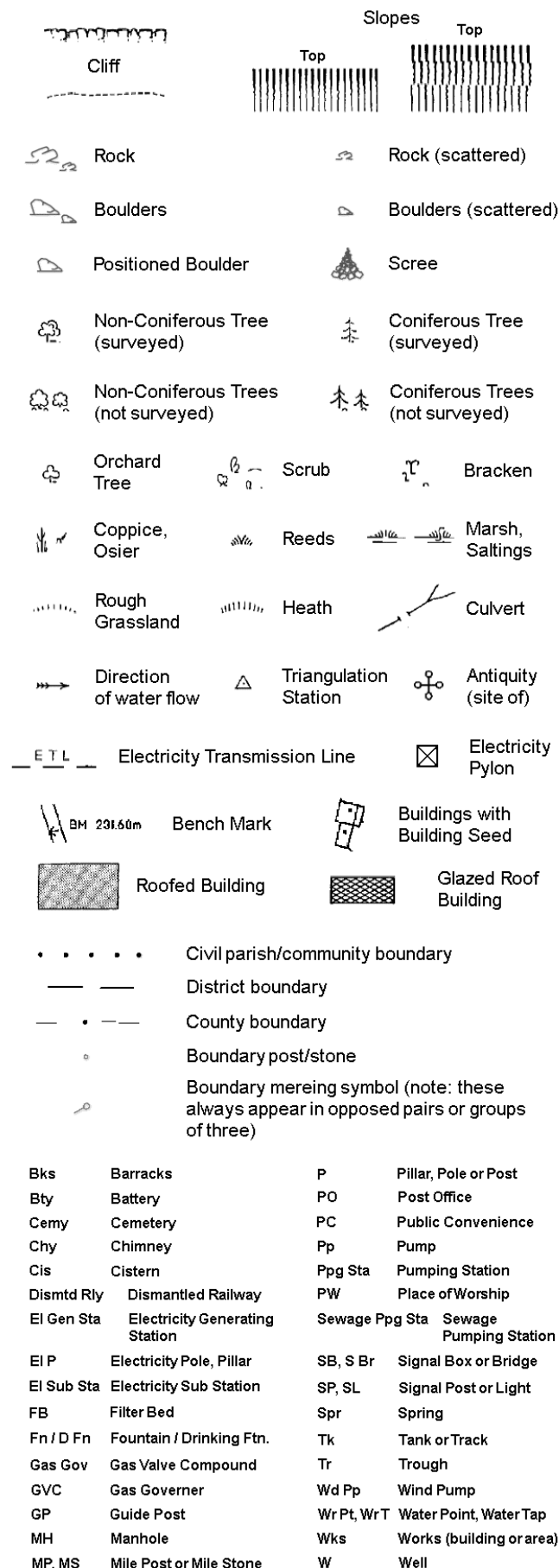
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



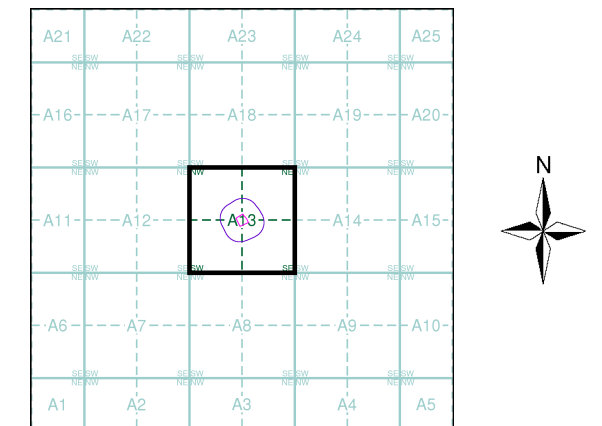
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Derbyshire	1:2,500	1875	2
Nottinghamshire	1:2,500	1886	3
Derbyshire	1:2,500	1898	4
Nottinghamshire	1:2,500	1898	5
Derbyshire	1:2,500	1916 - 1923	6
Ordnance Survey Plan	1:2,500	1961	7
Ordnance Survey Plan	1:2,500	1970	8
Additional SIMs	1:2,500	1978	9
Additional SIMs	1:2,500	1984	10
Ordnance Survey Plan	1:2,500	1988	11
Additional SIMs	1:2,500	1990	12
Large-Scale National Grid Data	1:2,500	1993	13
Historical Aerial Photography	1:2,500	1999	14

Historical Map - Segment A13



Order Details

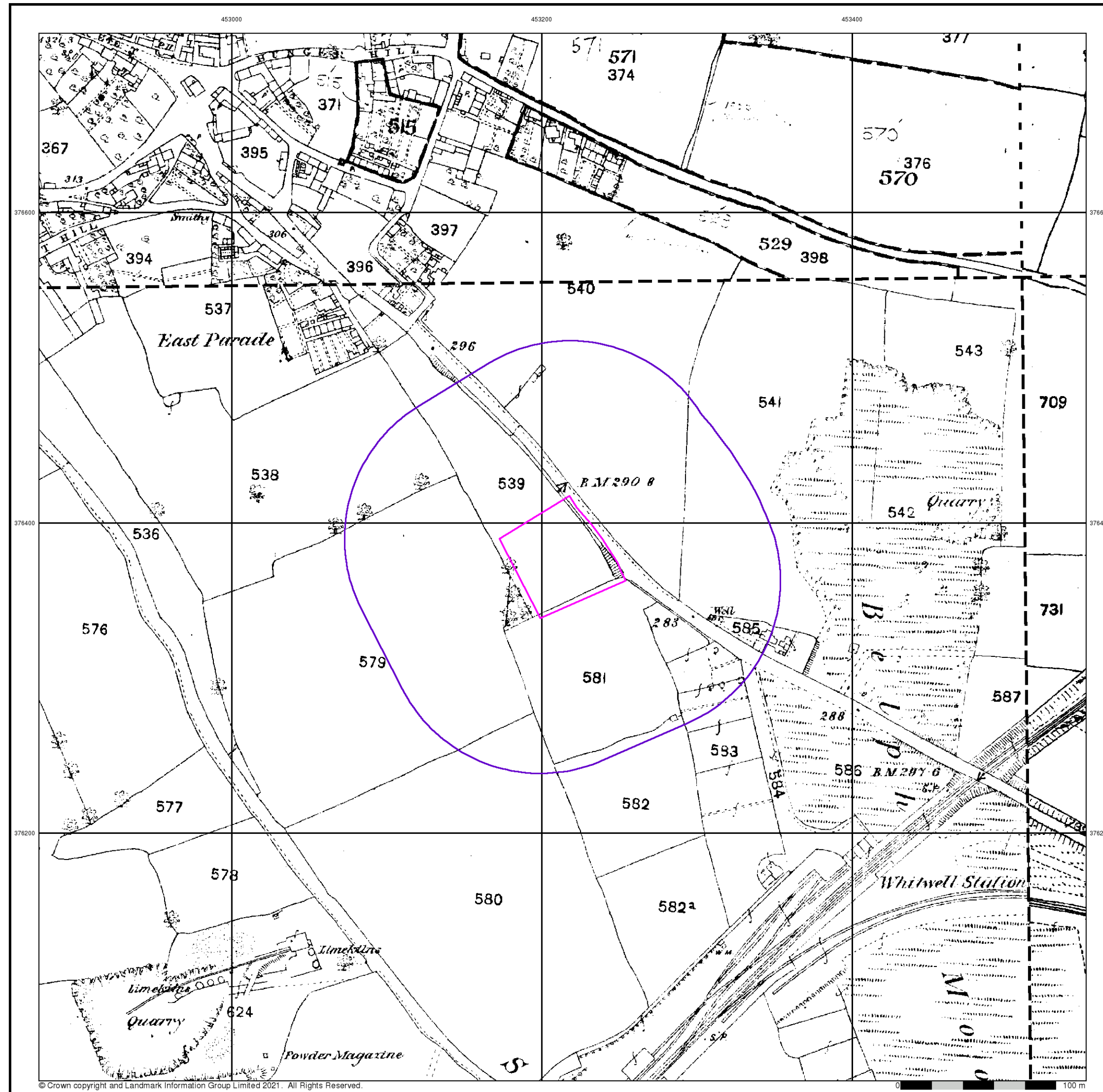
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Derbyshire

Published 1875

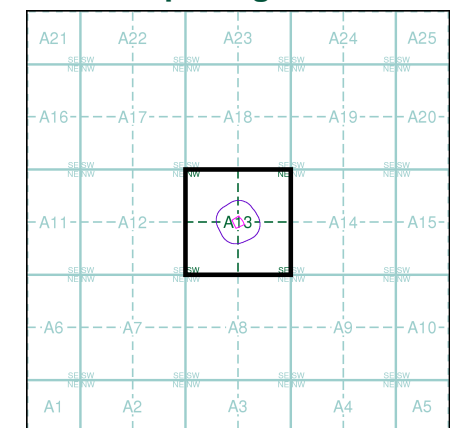
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)

019_08 1875 1:2,500	020_05 1875 1:2,500
019_12 1875 1:2,500	020_09 1875 1:2,500

Historical Map - Segment A13



Order Details

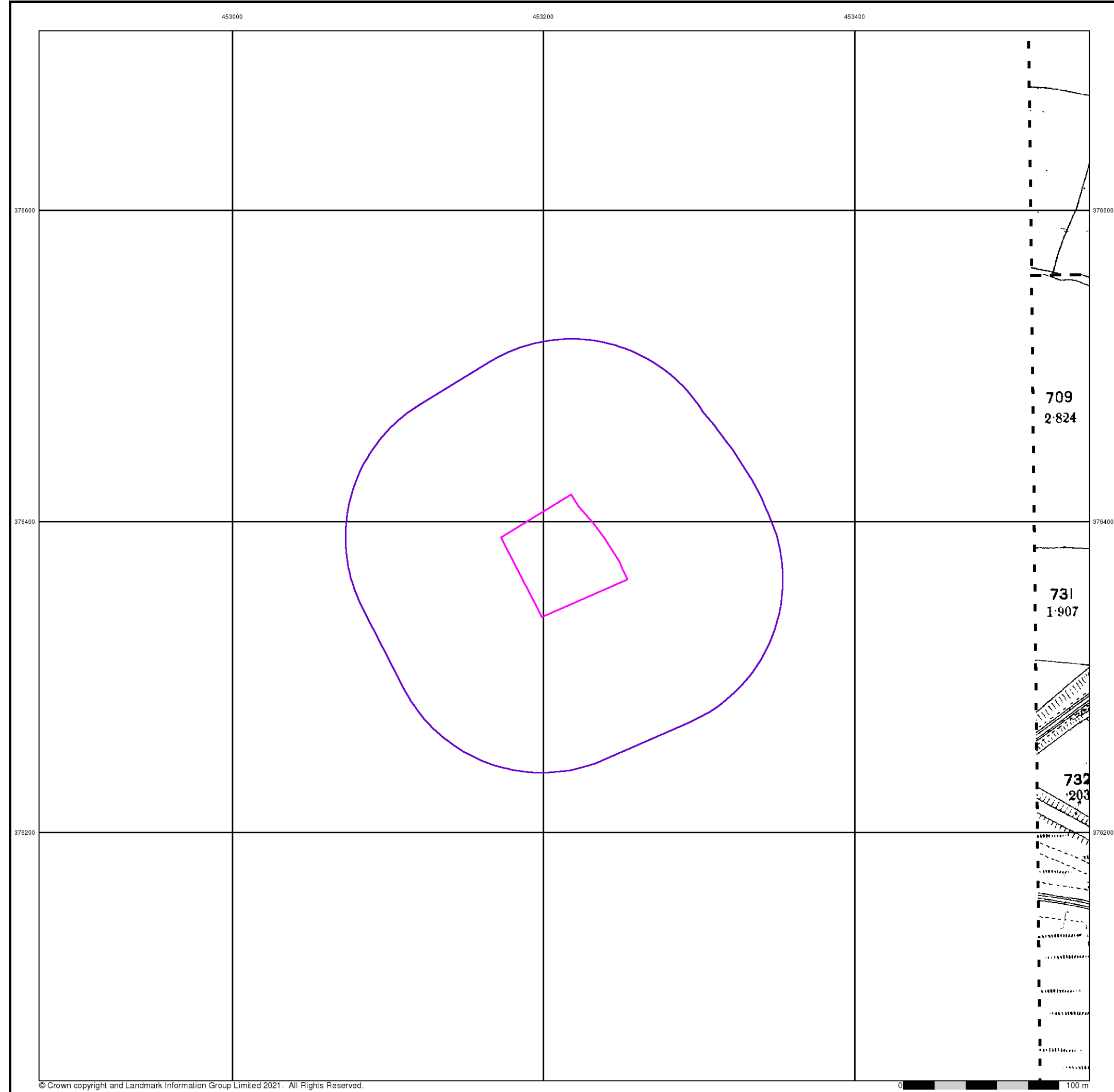
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Search Buffer (m): 100

Site Details

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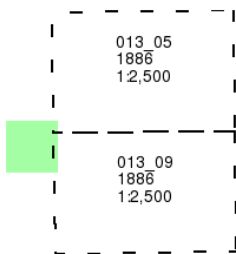
Nottinghamshire

Published 1886

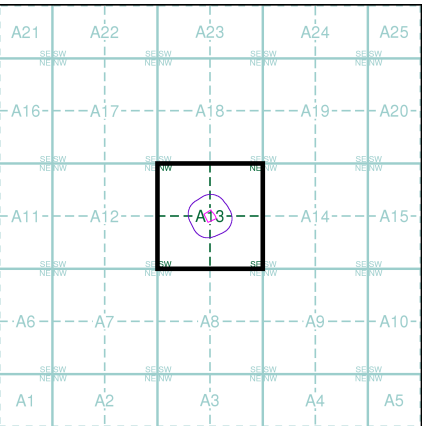
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Site Details

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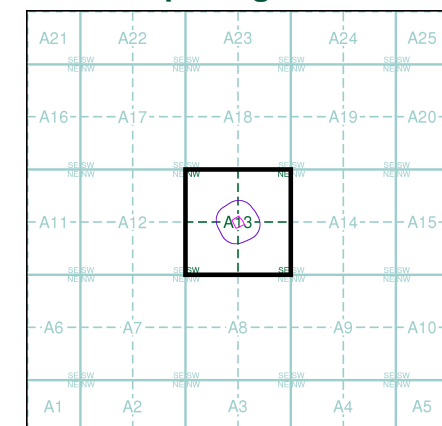
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Web: www.envirocheck.co.uk

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

Map Name(s) and Date(s)

019_08 1898 1:2,500	020_05 1898 1:2,500
019_12 1898 1:2,500	020_09 1898 1:2,500

Historical Map - Segment A13

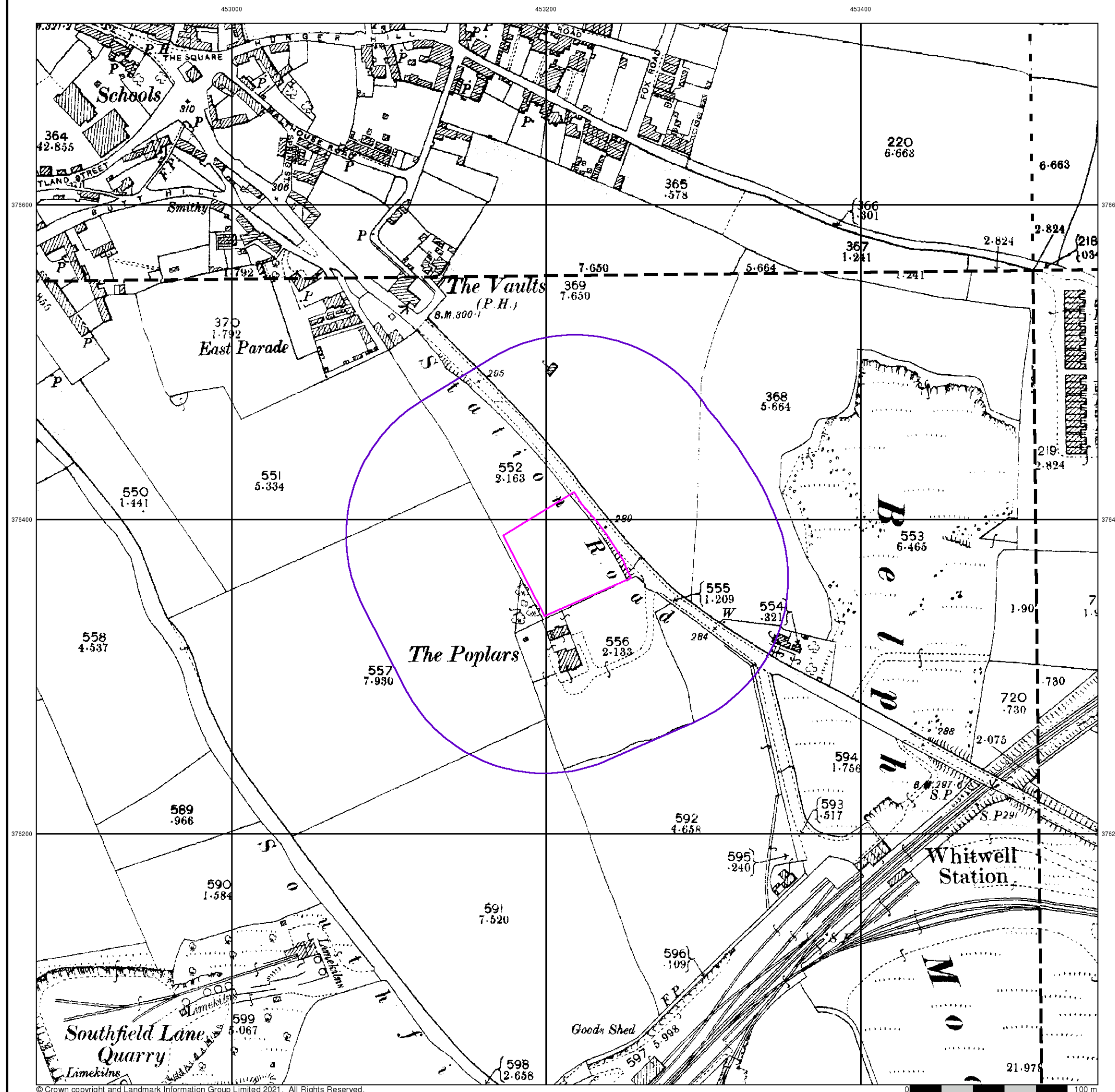


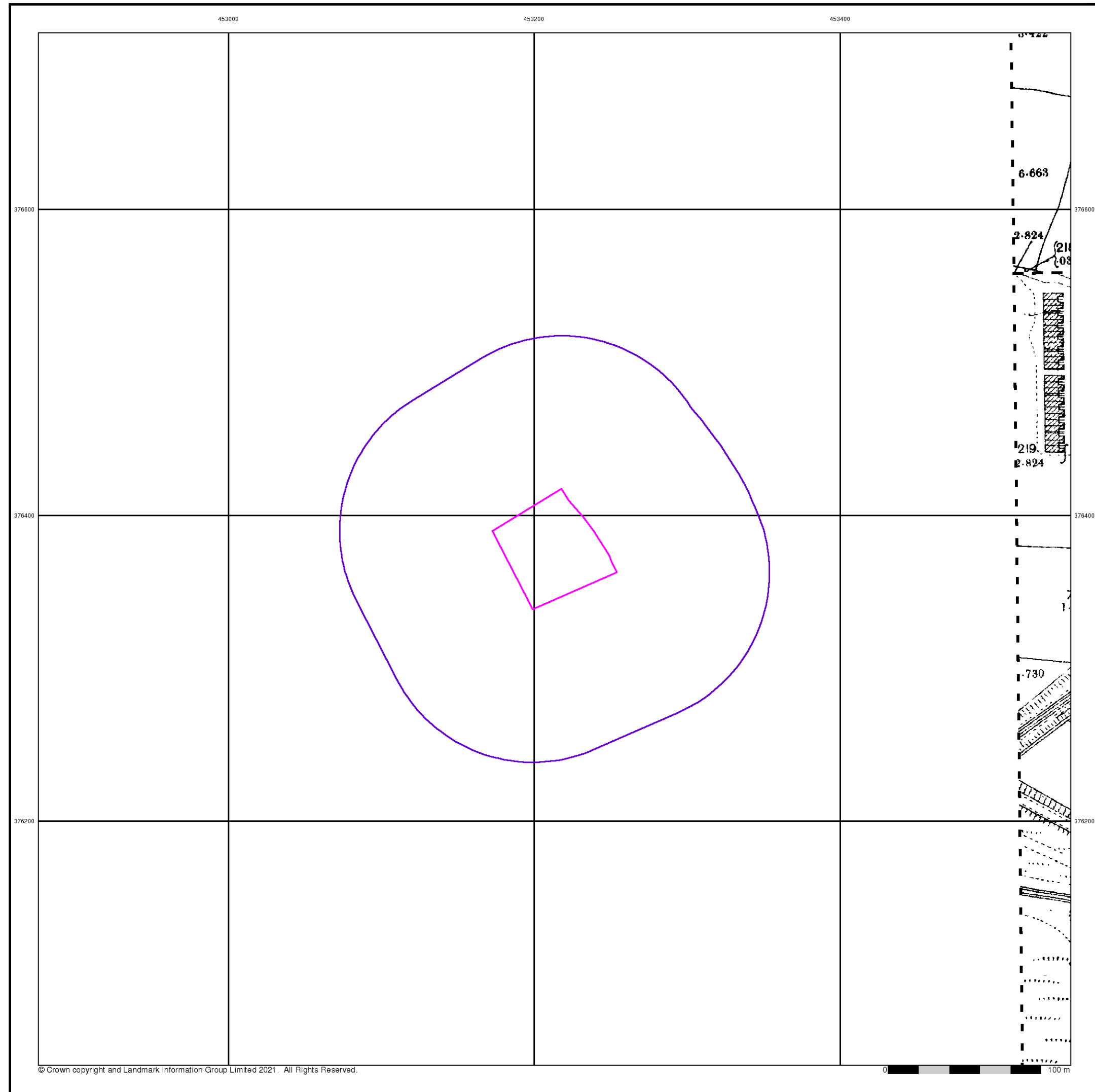
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Site Details

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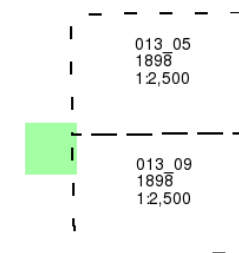
Nottinghamshire

Published 1898

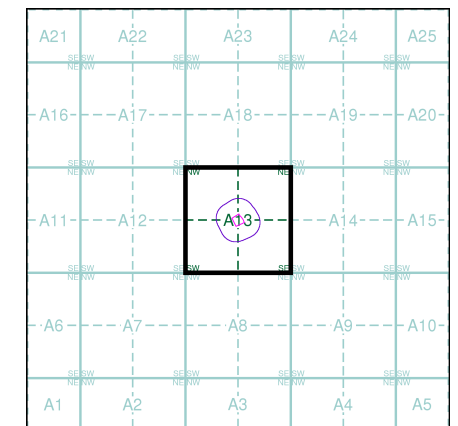
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Map Name(s) and Date(s)



Historical Map - Segment A13

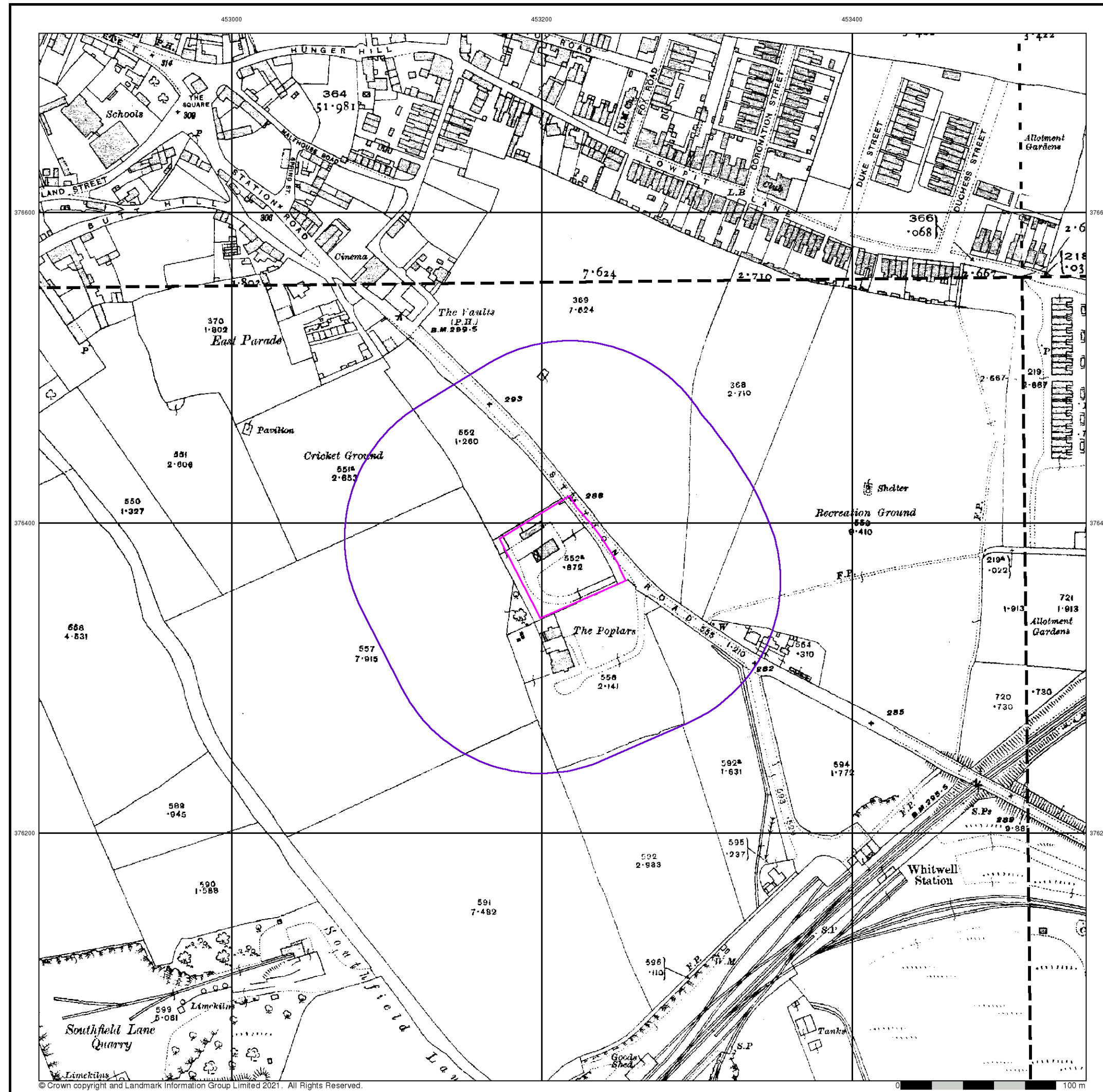


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Site Details

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Derbyshire

Published 1916 - 1923

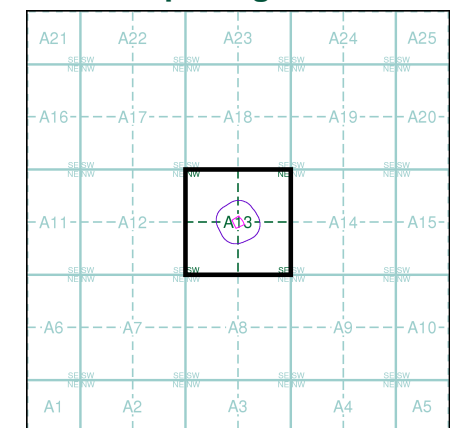
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)

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019_12 1916 1:2,500	020_09 1919 1:2,500

Historical Map - Segment A13



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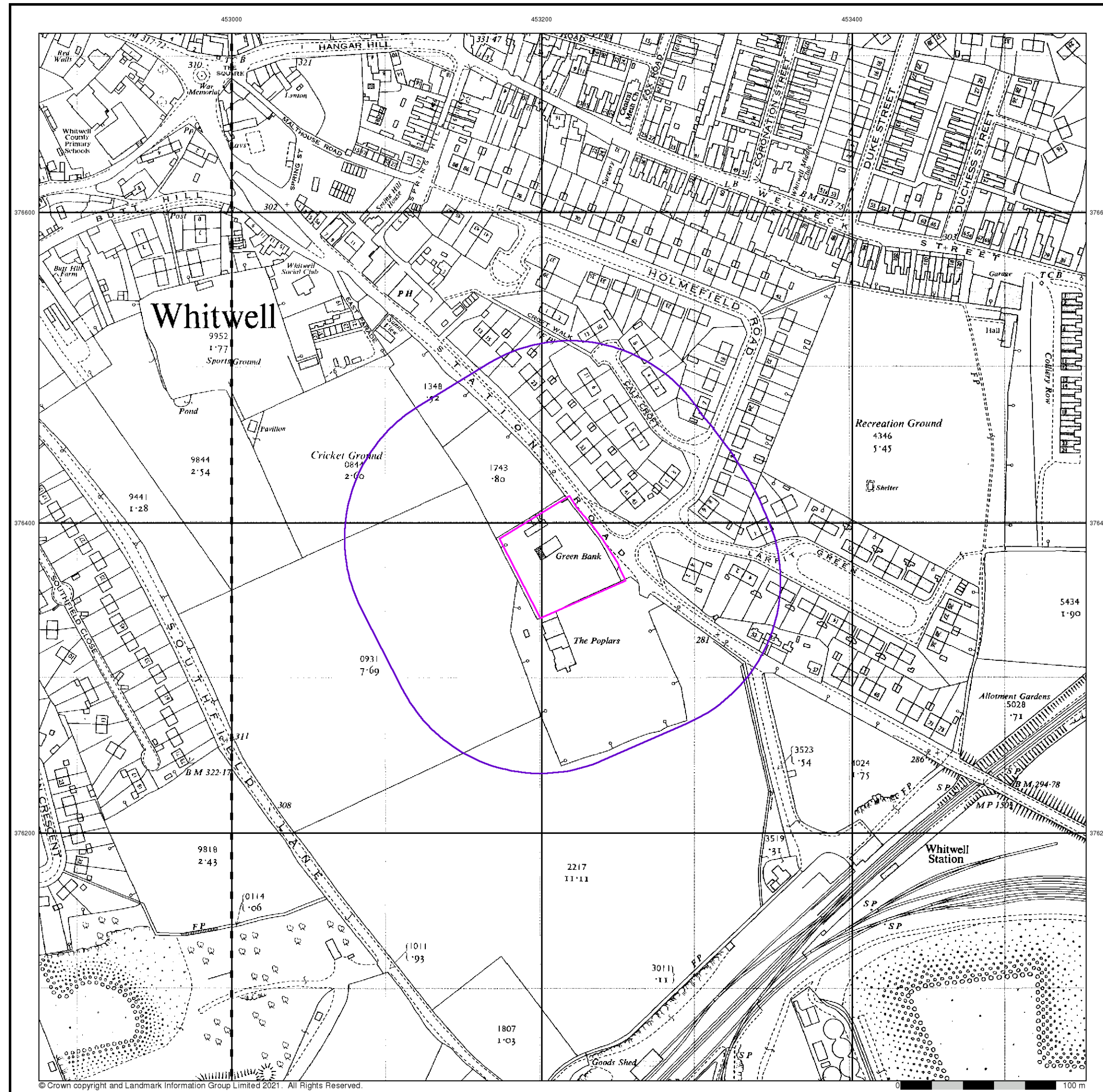
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Slice: A
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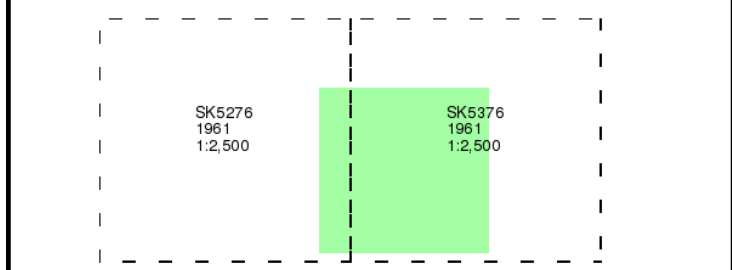
Ordnance Survey Plan

Published 1961

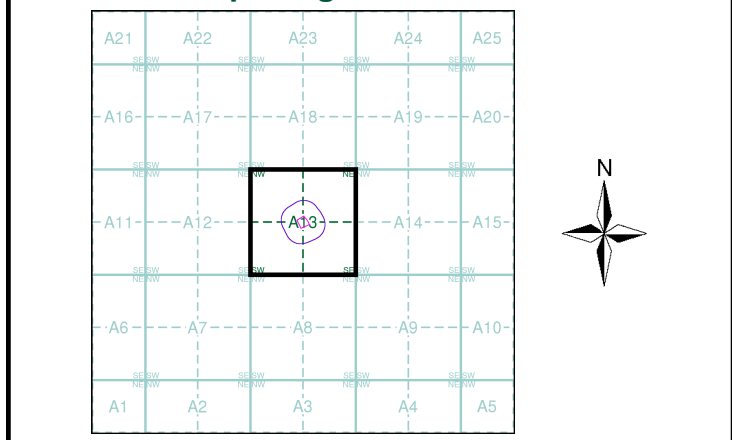
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Map Name(s) and Date(s)



Historical Map - Segment A13

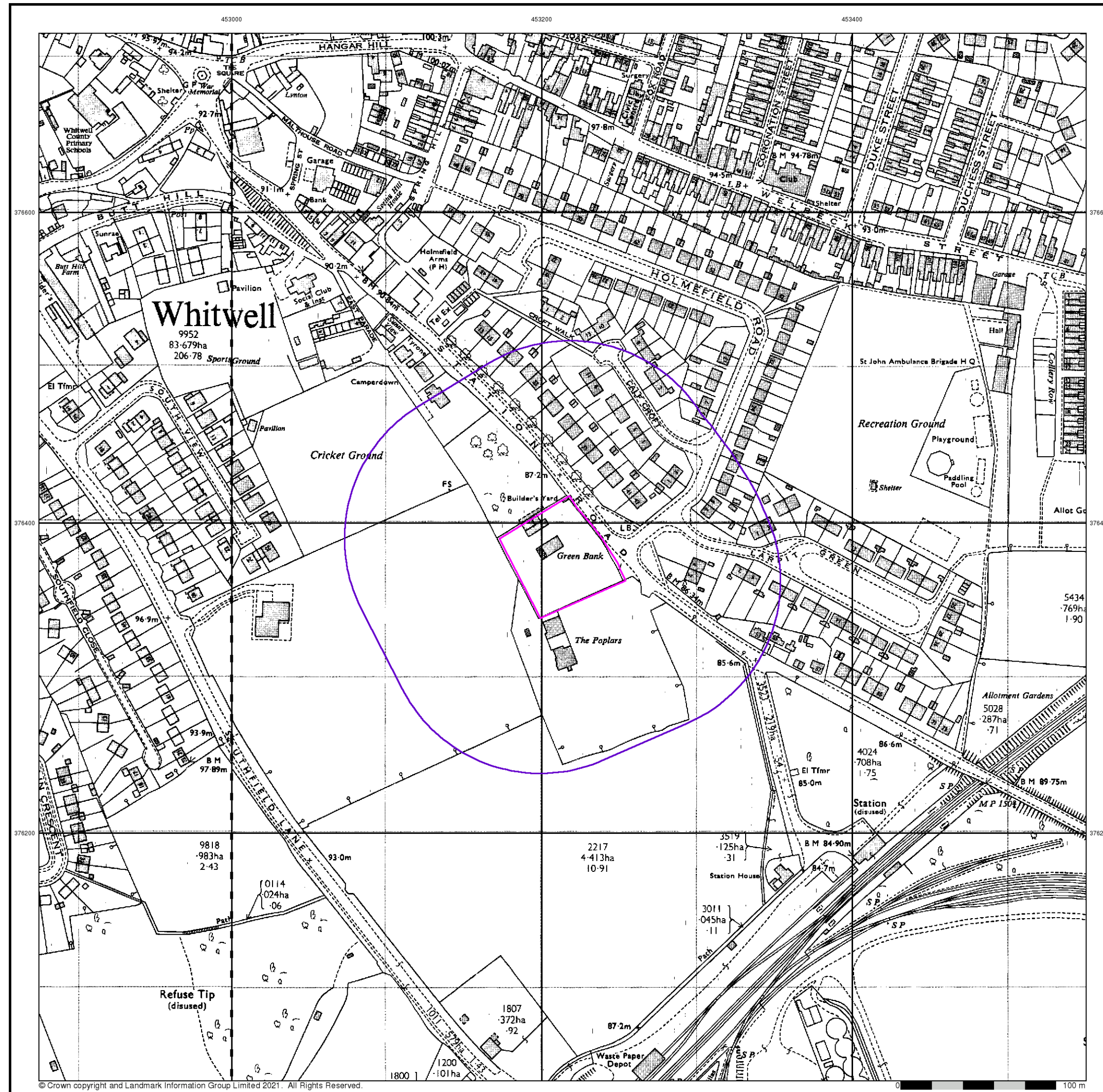


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Site Details

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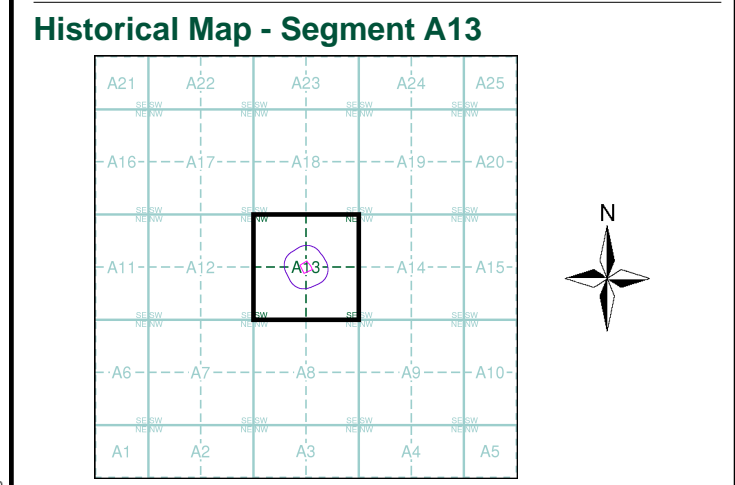
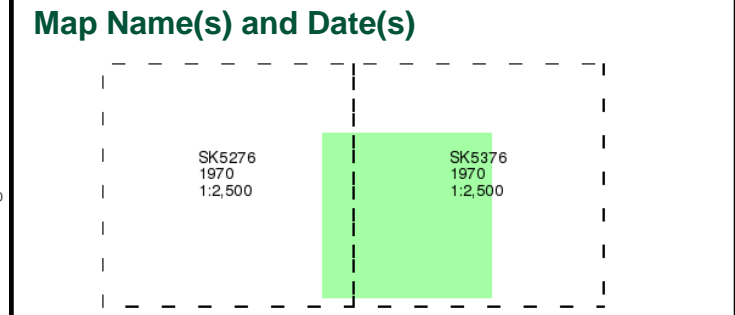


Ordnance Survey Plan

Published 1970

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.



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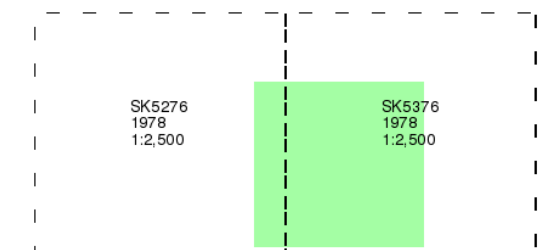
Additional SIMs

Published 1978

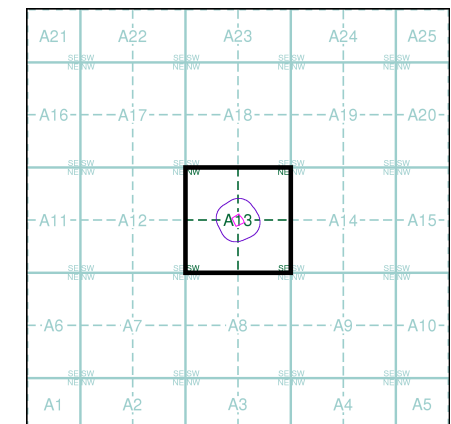
Source map scale - 1:2,500

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

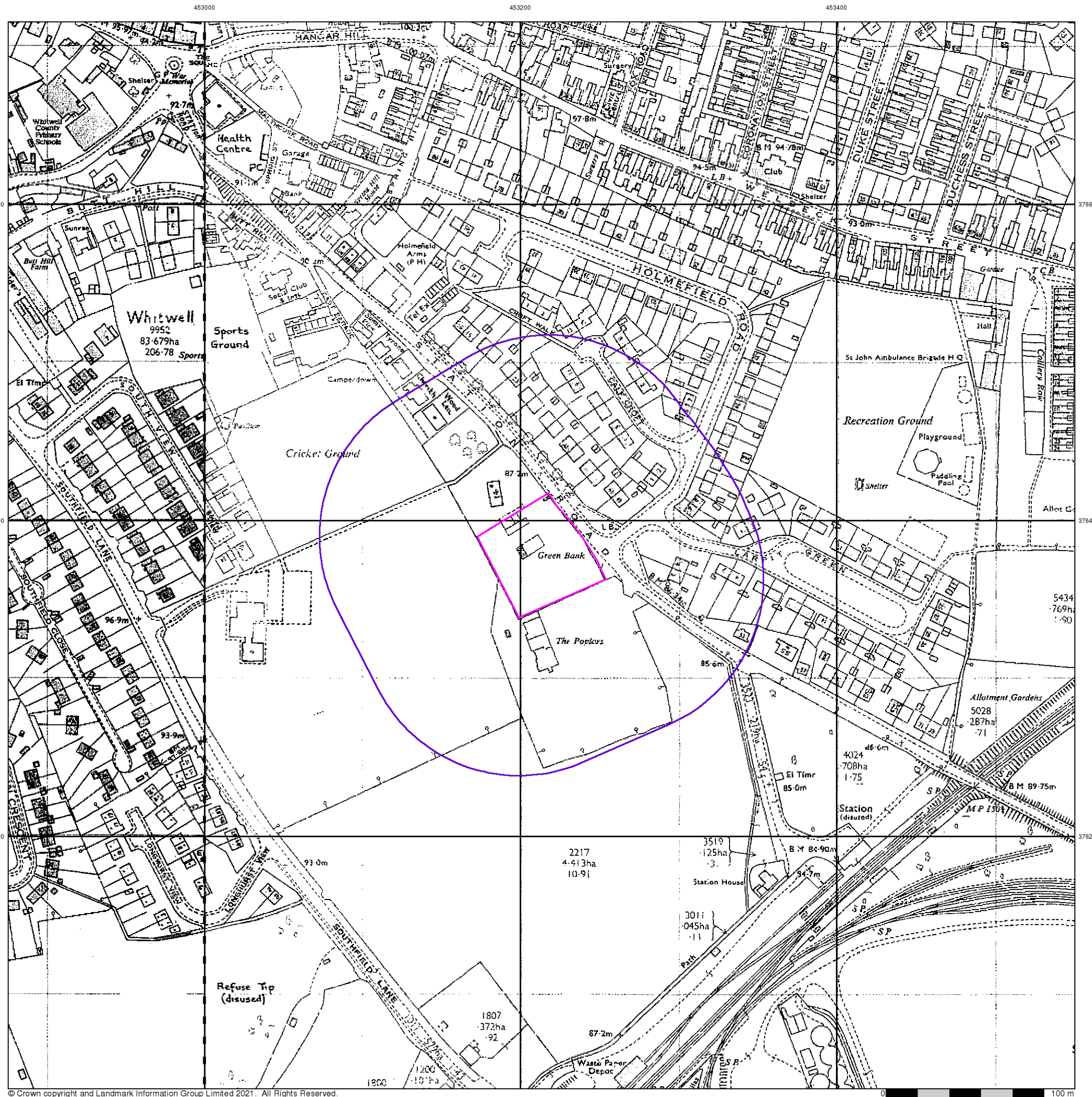


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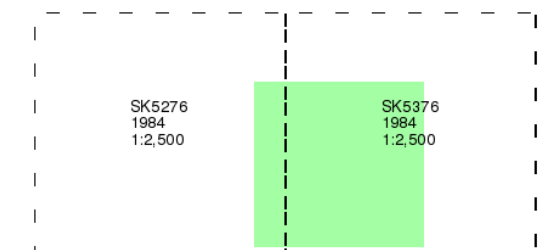
Additional SIMs

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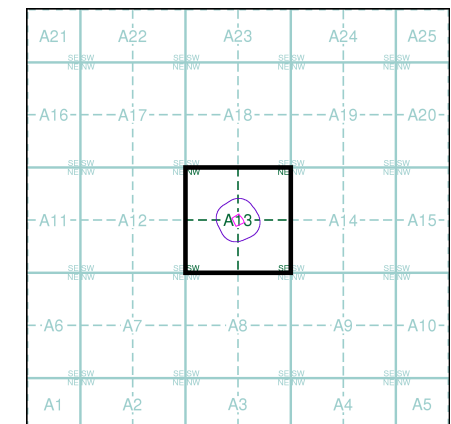
Source map scale - 1:2,500

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

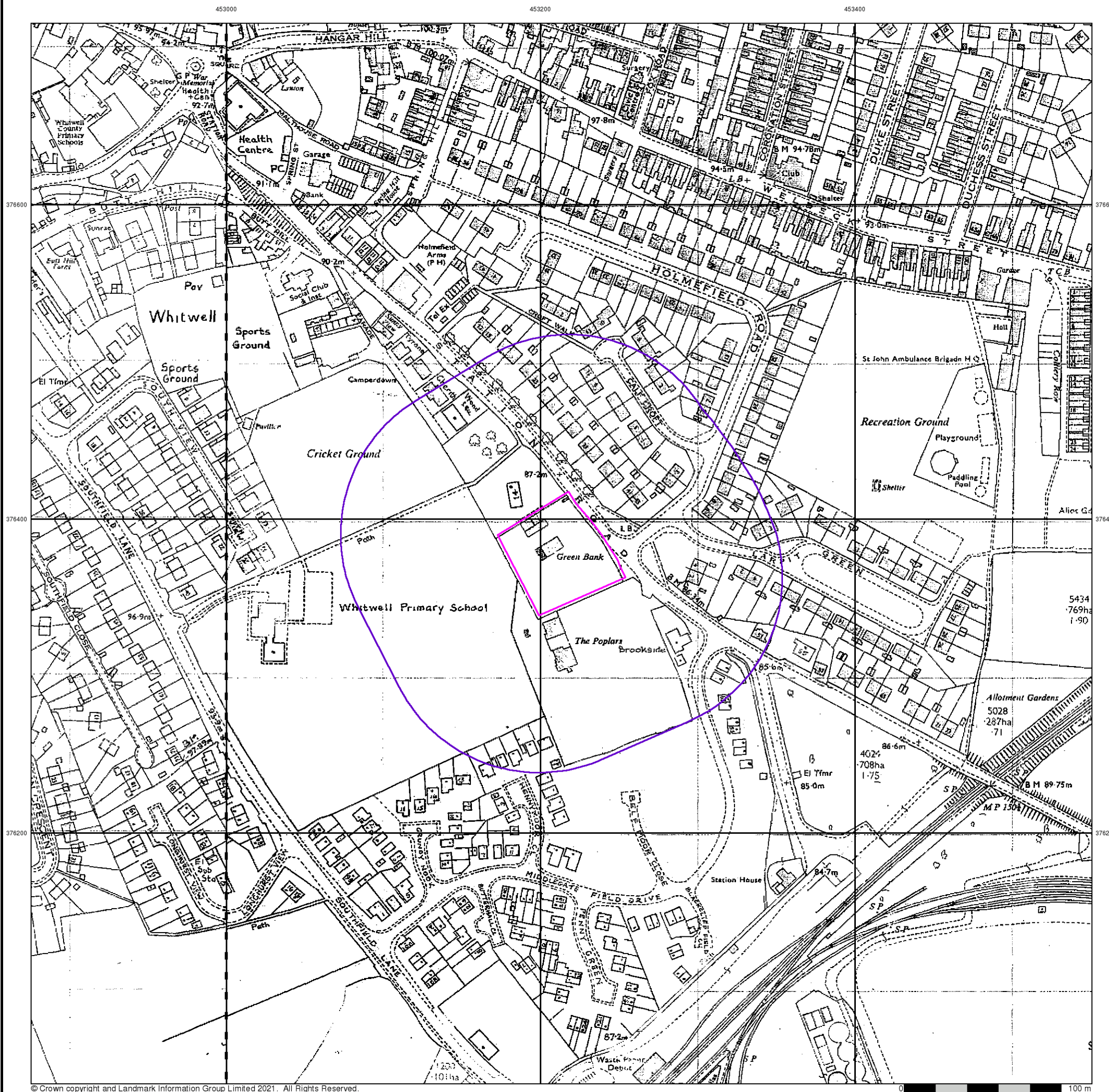


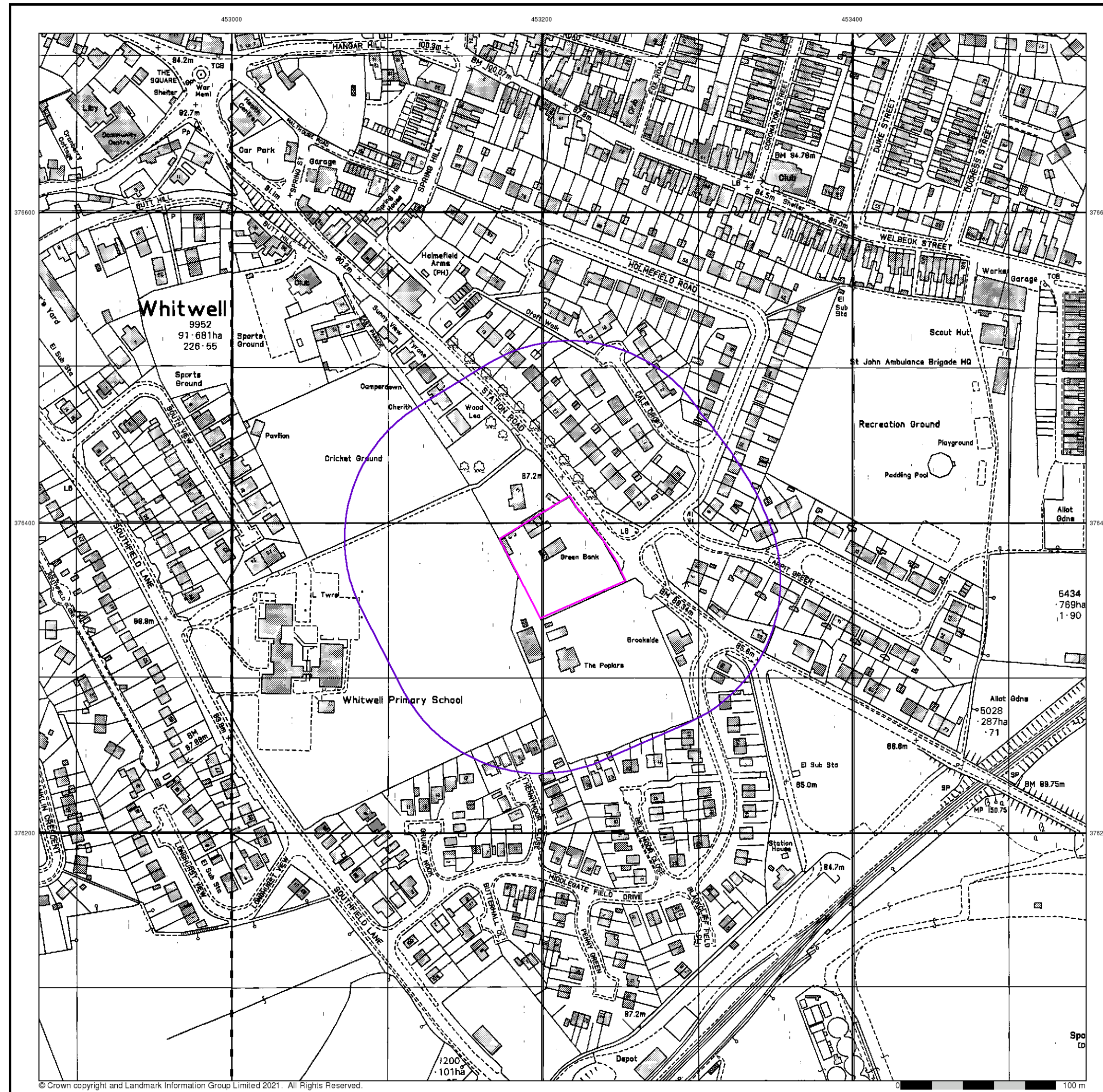
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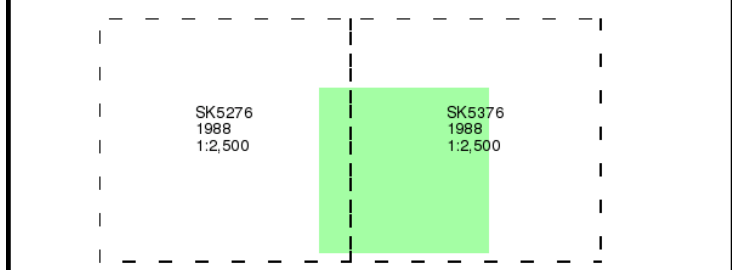
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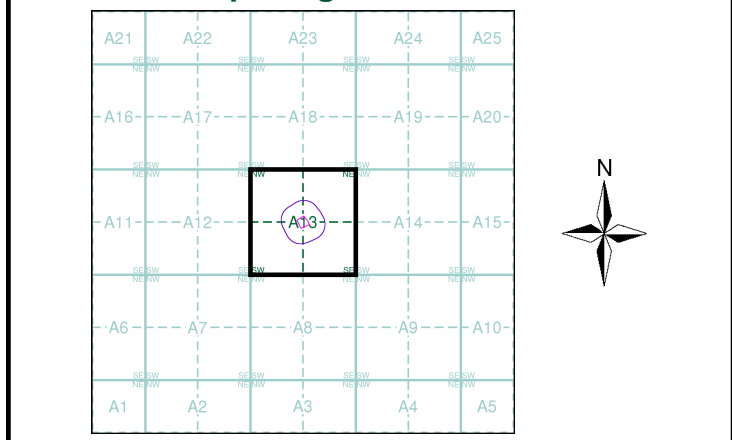
Ordnance Survey Plan
Published 1988
Source map scale - 1:2,500

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)



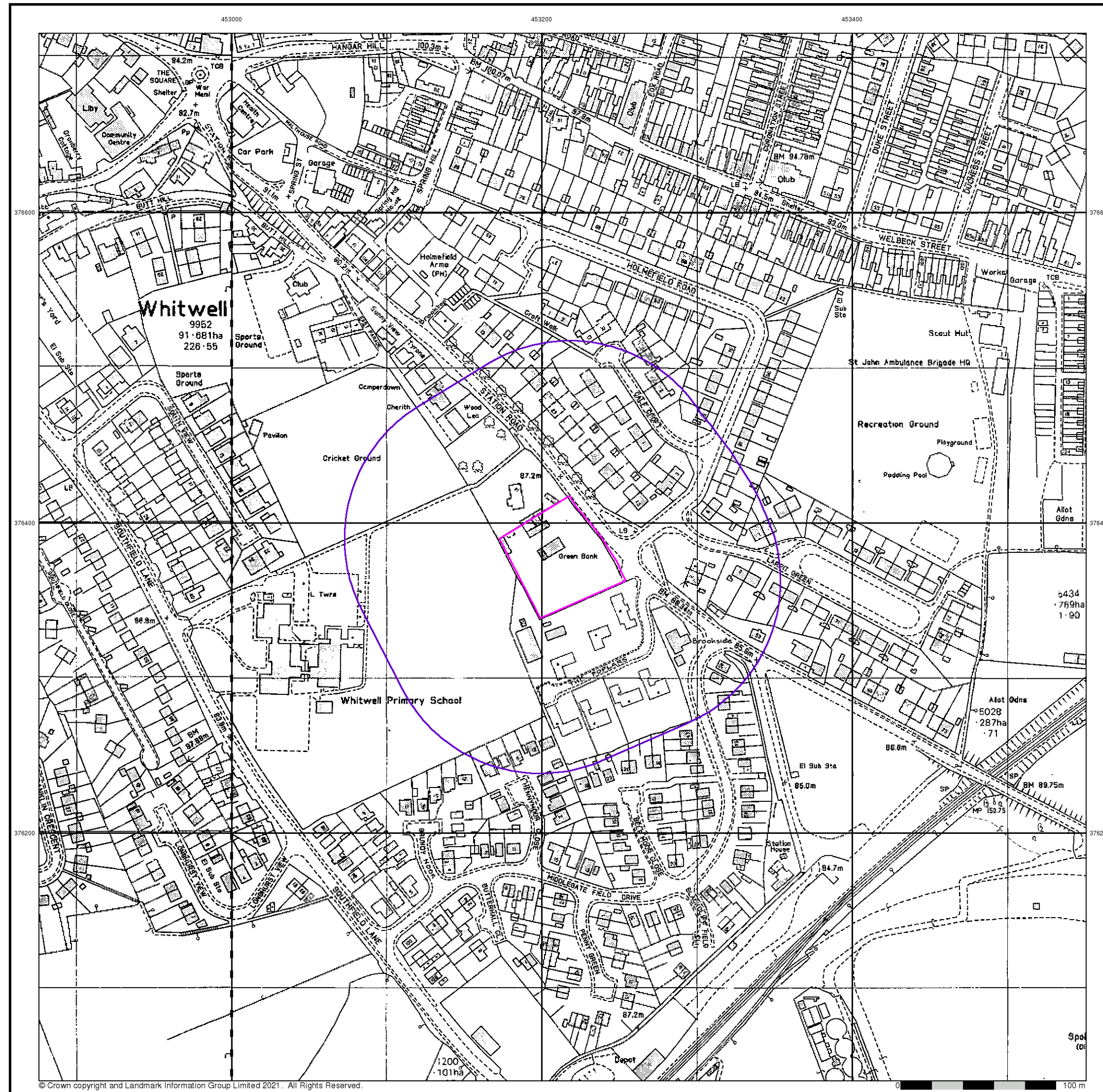
Historical Map - Segment A13



Order Details
Order Number: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

Site Details
Site at 453210, 376380

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Additional SIMs

Published 1990

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)

SK5276 1990 1:2,500	SK5376 1990 1:2,500
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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

Order Details

Order Number:	276936040_1_1
Customer Ref:	46003
National Grid Reference:	453210, 376380
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	100

Site Details

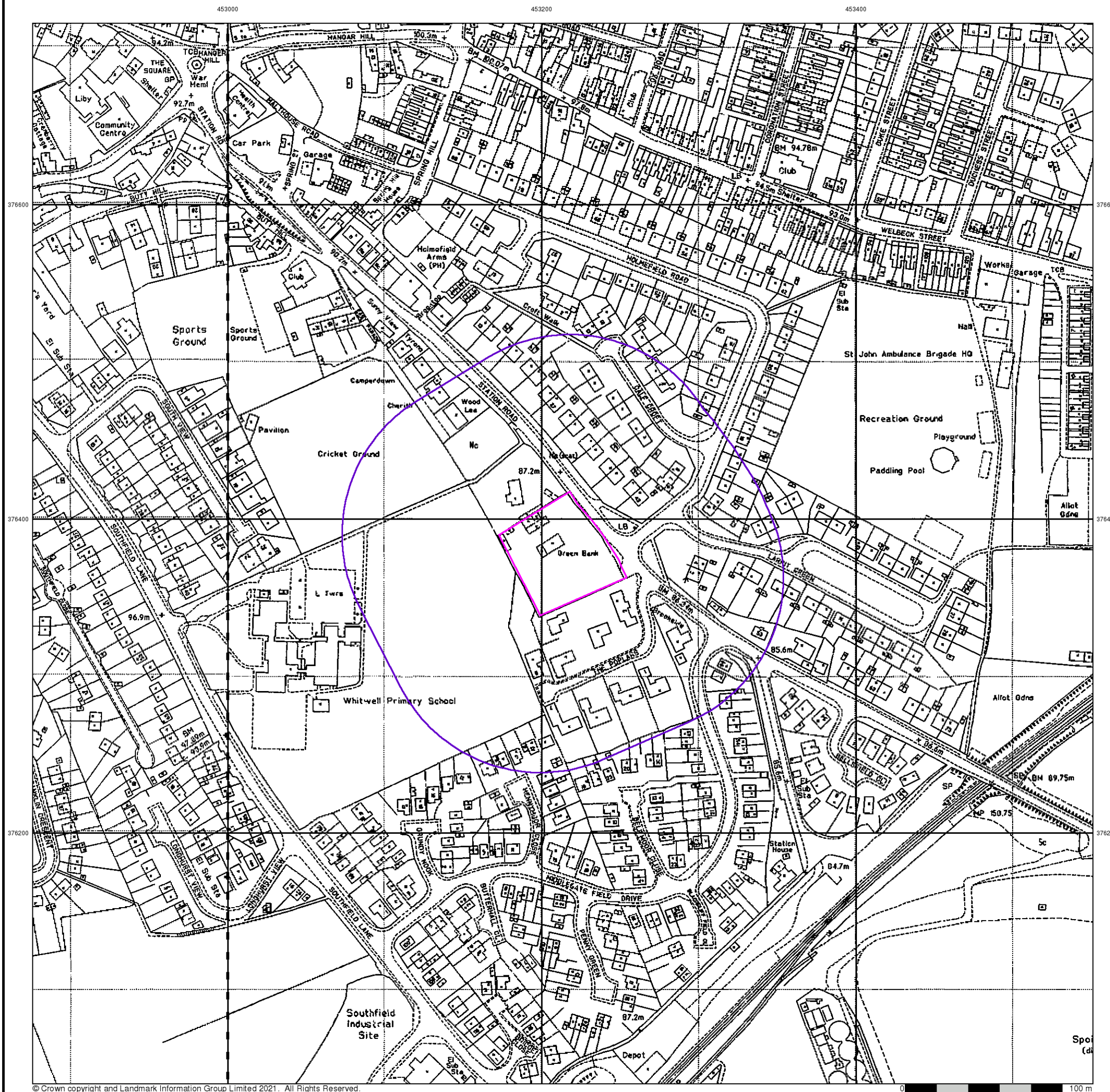
Site at 453210, 376380

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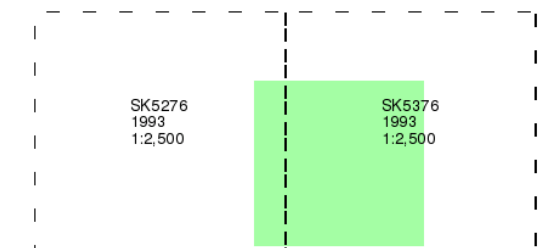
Large-Scale National Grid Data

Published 1993

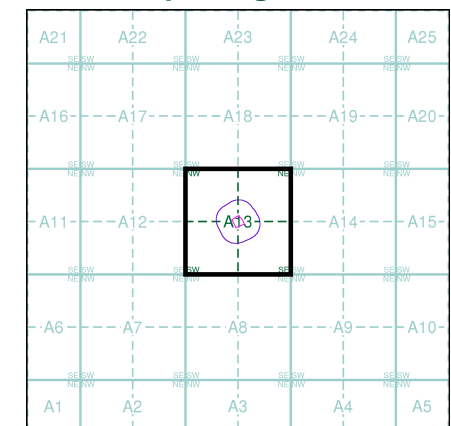
Source map scale - 1:2,500

'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:	276936040_1_1
Customer Ref:	46003
National Grid Reference:	453210, 376380
Slice:	A
Site Area (Ha):	0.36
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Site Details

Site at 453210, 376380

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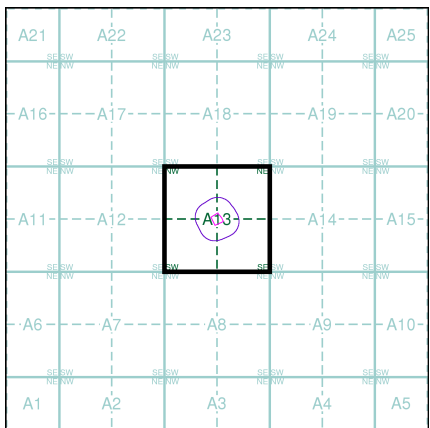
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Historical Aerial Photography

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: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 100

Site Details

Site at 453210, 376380

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

276936040_1_1

Customer Reference:

46003

National Grid Reference:

453210, 376380

Slice:

A

Site Area (Ha):

0.36

Search Buffer (m):

1000

Site Details:

Site at 453210, 376380

Client Details:

Ms K Shore
Eastwood & Partners Ltd
St Andrews House
23 Kingfield Road
Sheffield
S11 9AS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	27
Hazardous Substances	-
Geological	29
Industrial Land Use	33
Sensitive Land Use	39
Data Currency	40
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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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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes		Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		4	57	16
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 20			1	8
Integrated Pollution Prevention And Control	pg 21				4
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 22				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 22		Yes		
Pollution Incidents to Controlled Waters	pg 22		4	1	
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 23				1
River Quality Biology Sampling Points	pg 24				1
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 24			1	(*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 25	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 25	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 25	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 25	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 25		1	5	4

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 27		1		1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 27				2
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 27	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 27		2	3	
Potentially Infilled Land (Water)	pg 28		1	1	2
Registered Landfill Sites	pg 28		1		
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 29	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 29	Yes	Yes		
BGS Recorded Mineral Sites	pg 29		2	5	8
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 32	Yes	n/a	n/a	n/a
Mining Instability	pg 32	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 32	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 32		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 32	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 32	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 33			10	19
Fuel Station Entries					
Points of Interest - Commercial Services	pg 35			4	8
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 36			1	6
Points of Interest - Public Infrastructure	pg 37		3	3	3
Points of Interest - Recreational and Environmental	pg 37		3		7
Gas Pipelines					
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 39				1
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 39	3			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (NW)	0	1	453213 376377
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	397	1	453650 376377
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	429	1	453650 376200
1	Discharge Consents Operator: Severn Trent Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Mill Lane Estate - Sws, Mill Lane, Whitwell, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/75/00955/O Permit Version: 1 Effective Date: 29th June 1962 Issued Date: 29th June 1962 Revocation Date: 31st March 2000 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook (Tributary) Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13NE (E)	58	2	453300 376400
2	Discharge Consents Operator: Severn Trent Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middlegate Field Dr Ps, Whitwell, Middlegate Field Drive, Whitwell, ., S80 4nf Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: Tsc3656 Permit Version: 1 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 12th August 2011 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Milwood Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	164	2	453350 376230
2	Discharge Consents Operator: Severn Trent Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Middlegate Field Drive Ps, Middlegate Field Drive, Whitwell Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/40348/O Permit Version: 1 Effective Date: 16th February 1996 Issued Date: 16th February 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	164	2	453350 376230
2	Discharge Consents Operator: Severn Trent Water Limited Property Type: Not Given Location: Middlegate Field Drive Sewage PS, WHITWELL Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: T/73/22522/O/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 30th June 1993 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	164	2	453350 376230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R8 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	284	2	453360 376100
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R7 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	286	2	453365 376100
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R6 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	288	2	453370 376100
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R/5 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	288	2	453360 376095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R15 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	290	2	453365 376095
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Pumping Staions Location: Whitwell STW, WHITWELL Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R5 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	290	2	453375 376100
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell tw, Whitwell Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R14 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	292	2	453370 376095
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell, Sewage Treatment Works Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R9 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	293	2	453360 376090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R13 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	294	2	453375 376095
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R16 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	295	2	453365 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R23 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	296	2	453380 376095
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	297	2	453370 376090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 1 Effective Date: 23rd July 2001 Issued Date: 23rd July 2001 Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	297	2	453370 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 2 Effective Date: 1st April 2005 Issued Date: 23rd July 2001 Revocation Date: 18th March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	297	2	453370 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell, Sewage Treatment Works Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R10 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	297	2	453360 376085
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45027/R Permit Version: 1 Effective Date: 27th August 1996 Issued Date: 27th August 1996 Revocation Date: 22nd July 2001 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	297	2	453370 376090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Wrw Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T7345027r Permit Version: 1 Effective Date: 27th August 1996 Issued Date: Not Supplied Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	297	2	453370 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R12 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	299	2	453375 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R17 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	299	2	453365 376085
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works Location: Whitwell STW Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R3 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	301	2	453370 376085

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R22 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	301	2	453380 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell, Sewage Treatment Works Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R11 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	302	2	453360 376080
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Storm Water Sewer Location: Whitwell STW Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R4 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	303	2	453375 376085
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R18 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	304	2	453365 376080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R21 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	305	2	453380 376085
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R19 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	306	2	453370 376080
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers Location: Whitwell Stw Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: CT/73/45027/R20 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th August 1996 Revocation Date: Not Supplied Discharge Type: Sewerage Emergency Discharge Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	308	2	453375 376080
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453380 376080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453400 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 1 Effective Date: 23rd July 2001 Issued Date: 23rd July 2001 Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453400 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 1 Effective Date: 23rd July 2001 Issued Date: 23rd July 2001 Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453380 376080
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 2 Effective Date: 1st April 2005 Issued Date: 23rd July 2001 Revocation Date: 18th March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453400 376090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 2 Effective Date: 1st April 2005 Issued Date: 23rd July 2001 Revocation Date: 18th March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453380 376080
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45027/R Permit Version: 1 Effective Date: 27th August 1996 Issued Date: 27th August 1996 Revocation Date: 22nd July 2001 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453400 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45027/R Permit Version: 1 Effective Date: 27th August 1996 Issued Date: 27th August 1996 Revocation Date: 22nd July 2001 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453380 376080
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/12033/R Permit Version: 1 Effective Date: 10th November 1985 Issued Date: 10th November 1985 Revocation Date: 26th August 1996 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	310	2	453380 376080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/12033/R Permit Version: 1 Effective Date: 10th November 1985 Issued Date: 10th November 1985 Revocation Date: 26th August 1996 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	310	2	453400 376090
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Wrw Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T7345027r Permit Version: 1 Effective Date: 27th August 1996 Issued Date: Not Supplied Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453380 376080
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Wrw Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T7345027r Permit Version: 1 Effective Date: 27th August 1996 Issued Date: Not Supplied Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	310	2	453400 376090
4	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/12033/R Permit Version: 1 Effective Date: 10th November 1985 Issued Date: 10th November 1985 Revocation Date: 26th August 1996 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	399	2	453420 376000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Whitwell Sewage Treatment Works, Whitwell, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/08363/R Permit Version: 1 Effective Date: 17th February 1981 Issued Date: 17th February 1981 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Whitwell Arm, Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	399	2	453420 376000
4	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	435	2	453440 375970
4	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 1 Effective Date: 23rd July 2001 Issued Date: 23rd July 2001 Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	435	2	453440 375970
4	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 2 Effective Date: 1st April 2005 Issued Date: 23rd July 2001 Revocation Date: 18th March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	435	2	453440 375970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45027/R Permit Version: 1 Effective Date: 27th August 1996 Issued Date: 27th August 1996 Revocation Date: 22nd July 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	435	2	453440 375970
4	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/12033/R Permit Version: 1 Effective Date: 10th November 1985 Issued Date: 10th November 1985 Revocation Date: 26th August 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	435	2	453440 375970
4	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Wnw Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T7345027r Permit Version: 1 Effective Date: 27th August 1996 Issued Date: Not Supplied Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	435	2	453440 375970
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	462	2	453460 375950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T/73/46317/R Permit Version: 1 Effective Date: 1st December 2007 Issued Date: 13th December 2006 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	462	2	453460 375950
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T/73/46317/R Permit Version: 1 Effective Date: 1st December 2007 Issued Date: 13th December 2006 Revocation Date: 30th March 2008 Discharge Type: Discharge Of Other Matter-Crude Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	462	2	453460 375950
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T/73/46317/R Permit Version: 2 Effective Date: 31st March 2008 Issued Date: 13th December 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	462	2	453460 375950
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T/73/46317/R Permit Version: 2 Effective Date: 31st March 2008 Issued Date: 13th December 2006 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Crude Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	462	2	453460 375950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 1 Effective Date: 23rd July 2001 Issued Date: 23rd July 2001 Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	462	2	453460 375950
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45482/R Permit Version: 2 Effective Date: 1st April 2005 Issued Date: 23rd July 2001 Revocation Date: 18th March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	462	2	453460 375950
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Stw Southfield Lane, Whitwell, Worksop, Nottinghamshire Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T/73/45482/R Permit Version: 2 Effective Date: 1st April 2005 Issued Date: 23rd July 2001 Revocation Date: 30th November 2007 Discharge Type: Discharge Of Other Matter-Crude Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	462	2	453460 375950
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/45027/R Permit Version: 1 Effective Date: 27th August 1996 Issued Date: 27th August 1996 Revocation Date: 22nd July 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	462	2	453460 375950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Whitwell Wrw Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: T7345027r Permit Version: 1 Effective Date: 27th August 1996 Issued Date: Not Supplied Revocation Date: 31st March 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	462	2	453460 375950
6	Discharge Consents Operator: G Ellis Property Type: Not Given Location: Mill Lane East, WHITWELL, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: WQ/72/2806/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th January 1980 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	591	2	453650 376820
7	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: 16th April 2014 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	835	2	453720 375670
7	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 1 Effective Date: 1st December 2007 Issued Date: 13th December 2006 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	835	2	453720 375670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 2 Effective Date: 31st March 2008 Issued Date: 13th December 2006 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	835	2	453720 375670
7	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 4 Effective Date: 17th April 2014 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	838	2	453727 375672
8	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: 16th April 2014 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	875	2	453800 375680
8	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 1 Effective Date: 1st December 2007 Issued Date: 13th December 2006 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	875	2	453800 375680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 2 Effective Date: 31st March 2008 Issued Date: 13th December 2006 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	875	2	453800 375680
8	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 4 Effective Date: 17th April 2014 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	880	2	453809 375680
9	Discharge Consents Operator: Steetley Refractories Ltd Property Type: Undefined Or Other Location: Steetley Refractories Ltd Southfield Lane, Whitwell, Worksop, Nottinghamshire, S80 3lj Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: Ai0438 Permit Version: 1 Effective Date: 20th September 1993 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Unknown Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	882	2	453700 375602
9	Discharge Consents Operator: Steetley Refractories Ltd Property Type: Undefined Or Other Location: Steetley Refractories Ltd Southfield Lane, Whitwell, Worksop, Nottinghamshire, S80 3lj Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: Ai0438 Permit Version: 1 Effective Date: 20th September 1993 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Unknown Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	883	2	453700 375601

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Steetley Refractories Ltd Property Type: Undefined Or Other Location: Steetley Refractories Ltd Southfield Lane, Whitwell, Worksop, Nottinghamshire, S80 3lj Authority: Environment Agency, Midlands Region Catchment Area: Uncategorised Lower Trent Reference: Ai0438 Permit Version: 1 Effective Date: 20th September 1993 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Discharge - Mineral Workings Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	884	2	453700 375600
10	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 4 Effective Date: 17th April 2014 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	922	2	453878 375685
10	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: 16th April 2014 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	927	2	453880 375680
10	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 1 Effective Date: 1st December 2007 Issued Date: 13th December 2006 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	927	2	453880 375680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Severn Trent Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Whitwell Wastewater Treatment Works, Millash Lane, Whitwell, Derbyshire, S80 4xl Authority: Environment Agency, Midlands Region Catchment Area: River Poulter Catchment Reference: T/73/46317/R Permit Version: 2 Effective Date: 31st March 2008 Issued Date: 13th December 2006 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Millwood Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	927	2	453880 375680
11	Integrated Pollution Controls Name: Xjf Plastics Location: Unit 1, Southfield Industrial Estate, Whitwell, WORKSOP, Nottinghamshire, S80 4SB Authority: Environment Agency, Midlands Region Permit Reference: AO2191 Dated: 1st August 1994 Process Type: Application since found to be exempt from IPC Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry Status: Application since found to be exempt from IPC Positional Accuracy: Automatically positioned to the address	A13SW (S)	300	2	453127 376048
12	Integrated Pollution Controls Name: Lafarge Aggregates Ltd Location: Whitwell Works, Whitwell, Worksop, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: AV9646 Dated: 24th June 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (D) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A8SE (S)	963	2	453400 375397
12	Integrated Pollution Controls Name: Lafarge Aggregates Ltd Location: Whitwell Works, Southfield Lane, Whitwell, WORKSOP, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: Bi6554 Dated: 30th June 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (D) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A8SE (S)	964	2	453400 375396
12	Integrated Pollution Controls Name: Lafarge Aggregates Ltd Location: Whitwell Works, Southfield Lane, Whitwell, WORKSOP, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: BE3243 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (D) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A8SE (S)	964	2	453400 375397
12	Integrated Pollution Controls Name: Lafarge Aggregates Ltd Location: Whitwell Quarry, Southfield Lane, Whitwell, WORKSOP, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: BA6755 Dated: 30th June 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (D) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A8SE (S)	964	2	453400 375396

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Integrated Pollution Controls Name: Lafarge Aggregates Ltd Location: Whitwell Quarry, Southfield Lane, WORKSOP, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: BA1311 Dated: 17th November 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (D) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A8SE (S)	965	2	453405 375397
12	Integrated Pollution Controls Name: Lafarge Aggregates Ltd Location: Whitwell Quarry, Southfield Lane, WORKSOP, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: AZ7874 Dated: 1st October 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (D) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A8SE (S)	965	2	453405 375396
12	Integrated Pollution Controls Name: Lafarge Aggregates Ltd Location: Whitwell Works, Southfield Lane, Whitwell, WORKSOP, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: AI0438 Dated: 20th September 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 3.1 A (D) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A8SE (S)	969	2	453400 375392
12	Integrated Pollution Controls Name: Lafarge Aggregates Ltd Location: Whitwell Quarry, Southfield Lane, Whitwell, WORKSOP, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: AR0926 Dated: 29th March 1996 Process Type: IPC major (substantial) variation Description: 3.1 A (D) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A8SE (S)	970	2	453405 375391
13	Integrated Pollution Prevention And Control Name: Alkane Energy Uk Limited Location: Whitwell Electricity Generation Site Epr/Hp3003pt, Whitwell Electricity Generation Site, Southfield Lane, Whitwell,, Worksop, Derbyshire, S80 3LH Authority: Environment Agency, Midlands Region Permit Reference: HP3003PT Original Permit Ref: Hp3003pt Effective Date: 28th May 2019 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 25B (3)(1)(a) Activity Description: Tranche B SG permitting date 1st January 2019 Primary Activity: Y	A8NE (S)	608	2	453315 375742

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Integrated Pollution Prevention And Control Name: Steetley Dolomite Limited Location: Whitwell Works - Epr/BI3269ih, Whitwell Works, Southfield Lane, Whitwell,, WORKSOP, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: FP3536NP Original Permit Ref: BI3269ih Effective Date: 21st November 2013 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 3.1 A(1) (B) (I) Activity Description: Cement And Lime; Producing Lime Greater Than 50T/D Primary Activity: N Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y	A8SE (S)	964	2	453400 375397
14	Integrated Pollution Prevention And Control Name: Steetley Dolomite Limited Location: Whitwell Landfill, Steetley Dolomite Limited, Southfield Lane, Whitwell,, Worksop, Notts, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: KP3735GP Original Permit Ref: Np3132sy Effective Date: Not Supplied Status: Valid Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y	A8SE (S)	964	2	453400 375397
14	Integrated Pollution Prevention And Control Name: Steetley Dolomite Limited Location: Whitwell Works, Whitwell Works, Southfield Lane, Whitwell,, WORKSOP, Nottinghamshire, S80 3LJ Authority: Environment Agency, Midlands Region Permit Reference: PP3638GT Original Permit Ref: BI3269ih Effective Date: Not Supplied Status: Valid Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y Activity Code: 3.1 A(1) (B) (I) Activity Description: Cement And Lime; Producing Lime Greater Than 50T/D Primary Activity: N	A8SE (S)	964	2	453400 375397
15	Local Authority Pollution Prevention and Controls Name: Tarmac Ltd Location: Plot 1, Southfield Lane, Whitwell, WORKSOP, Nottinghamshire, S80 3LH Authority: Bolsover District Council, Environmental Health Department Permit Reference: B16 Dated: 31st March 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Site Closed Positional Accuracy: Located by supplier to within 100m	A8NE (S)	548	3	453300 375800
	Nearest Surface Water Feature	A13SE (SE)	77	-	453317 376319
16	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Up Stream, Whitwell Sewage Works Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Unknown Note: Whitwell Bk; Via Sewage treatment Works. Milky Appearance Of Bk; Other Adverse Effects Incident Date: 3rd April 1998 Incident Reference: 2804284 Catchment Area: Trent Catchment : River Poulter Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	56	2	453250 376300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Pumping Station Location: Whitwell Ps Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Other Adverse Effects Incident Date: 16th September 1995 Incident Reference: Not Supplied Catchment Area: Trent Catchment : River Poulter Receiving Water: Watercourse Cause of Incident: Electrical Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	149	2	453350 376250
17	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Pumping Station Location: Pumping Station, WHITWELL Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Other Adverse Effects; River Maun; Discharge To Watercourse Incident Date: 16th September 1995 Incident Reference: 1000308 Catchment Area: Trent Catchment : River Poulter Receiving Water: Watercourse Cause of Incident: Electrical Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	152	2	453350 376245
17	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: 32 Middlegate Field Drive, WHITWELL Authority: Environment Agency, Midlands Region Pollutant: Other Sewage Note: Other Affected; Occasional Oily Film Incident Date: 30th April 1998 Incident Reference: 2804406 Catchment Area: Trent Catchment : River Poulter Receiving Water: Watercourse Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	156	2	453355 376245
18	Pollution Incidents to Controlled Waters Property Type: Fire Water Location: Trustseal, Southfield Lane, Whitwell, WORKSOP, Nottinghamshire, S80 Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Other Note: Fire In Single Storey Building, Agency-water Run O; Amenity Affected; Incident Date: 22nd September 1999 Incident Reference: 2806651 Catchment Area: Trent Catchment : River Poulter Receiving Water: Watercourse Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A8NW (S)	353	2	453100 376000
	River Quality Name: Whitwell Bk GQA Grade: River Quality B Reach: Rd Br Whitwell Colliery To Millwood Bk Estimated Distance (km): 1.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A9SW (SE)	849	2	453589 375583

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	River Quality Biology Sampling Points Name: Whitwell Brook Reach: Road Bridge Whitwell Colliery To Millwood Brook Estimated Distance: 1.50 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 1995 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2000 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2002 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2003 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2004 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2005 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2006 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2007 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2008 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2009 GQA Grade: River Quality Biology GQA Grade E - Poor	A9SW (SE)	838	2	453600 375600
20	Water Abstractions Operator: Severn Trent Water Limited Licence Number: 03/28/73/0038 Permit Version: 100 Location: Whitwell Treatment Works Authority: Environment Agency, Midlands Region Abstraction: Water supply related: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Whitwell Treatment Works Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	292	2	453380 376100
	Water Abstractions Operator: Mr R G M Oddie Licence Number: 03/28/73/0041 Permit Version: 100 Location: Hall Leys Farm, Whitwell - Wallingbrook Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: 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: Hall Leys Farm, Whitwell Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 16th March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1847	2	455100 376380
	Water Abstractions Operator: British Coal Corporation Licence Number: 03/28/73/0011 /1 Permit Version: Not Supplied Location: Creswell Colliery Authority: Environment Agency, Midlands Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1137 Yearly Rate (m3): 454600 Details: Status: Revoked; Lapsed Or Cancelled 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	(S)	1948	2	452895 374415

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Principle Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A13SW (SW)	0	4	453212 376376
	Groundwater Vulnerability Map Combined Secondary Superficial Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A13SW (NW)	0	4	453213 376377
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	A13SW (NW)	0	4	453213 376377
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SW (NW)	0	4	453213 376377
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (NW)	0	4	453213 376377
	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				
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 175.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13SE (SE)	77	5	453317 376319
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A13SE (SE)	322	5	453402 376078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A8NE (SE)	424	5	453439 375982
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A8NE (SE)	452	5	453447 375955
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A8NE (SE)	452	5	453447 375955
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A8NE (SE)	466	5	453454 375942
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A12NE (NW)	692	5	452545 376680
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A12NW (W)	758	5	452473 376679
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 267.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A12NW (W)	761	5	452470 376679
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 542.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A9SW (SE)	831	5	453713 375671

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Historical Landfill Sites Licence Holder: Steetley Minerals Limited Location: Southfield Lane, Whitwell, Near Worksop, Nottinghamshire Name: Southfield Lane Quarry Operator Location: Minerals Division, PO Box 6, Worksop, Nottinghamshire Boundary Accuracy: As Supplied Provider Reference: EAHLD22719 First Input Date: 31st December 1975 Last Input Date: 31st August 1982 Specified Waste: Deposited Waste included Inert and Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1000/0344 BGS Ref: Not Supplied Other Ref: LW24	A13SW (SW)	225	2	453068 376157
32	Historical Landfill Sites Licence Holder: Steetley Dolomite Ltd Location: Southfield Lane, Worksop, Whitwell, Nottinghamshire Name: Whitwell Quarry Operator Location: Southfield Lane, Worksop, Whitwell Nottinghamshire Boundary Accuracy: As Supplied Provider Reference: EAHLD35982 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 43761 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A8NW (S)	635	2	453079 375716
33	Licensed Waste Management Facilities (Landfill Boundaries) Name: Whitwell Landfill Licence Number: -9999 Location: Steetley Dolomite Limited, Southfield Lane, Whitwell, Worksop, Notts, S80 3LJ Licence Holder: Steetley Dolomite Limited Authority: Environment Agency - Midlands Region, East Area Site Category: Waste Landfilling; >10 T/D with Capacity >25,000T Excluding Inert Waste Max Input Rate: Not Supplied Licence Status: Effective Issued: 27th June 2006 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A8NW (S)	636	2	453078 375715
34	Licensed Waste Management Facilities (Landfill Boundaries) Name: Whitwell Quarry Licence Number: 43761 Location: Whitwell Quarry, Southfield Lane, Whitwell, Worksop, Nottinghamshire, S80 3LJ Licence Holder: Steetley Dolomite Ltd Authority: Environment Agency - Midlands Region, East Area Site Category: Mining Waste Operations Max Input Rate: Not Supplied Licence Status: Modified Issued: 26th June 2006 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A8NW (S)	636	2	453078 375715
	Local Authority Landfill Coverage Name: Bolsover District Council - Has no landfill data to supply		0	6	453213 376377
	Local Authority Landfill Coverage Name: Derbyshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	453213 376377
35	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13NE (E)	124	-	453362 376424
36	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SW (SW)	221	-	453063 376165
37	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SE (SE)	286	-	453366 376100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SE (E)	304	-	453543 376269
39	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A12NE (W)	451	-	452745 376532
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (W)	231	-	452961 376480
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A12NE (NW)	487	-	452770 376663
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A17SW (NW)	753	-	452531 376782
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A17SW (NW)	983	-	452392 376987
44	Registered Landfill Sites Licence Holder: Steetley Minerals Ltd Licence Reference: LW24 Site Location: Southfield Lane Quarry, Whitwell, Worksop, Nottinghamshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Po Box 6, Worksop, Nottinghamshire Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st February 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Construction Ind.Wastes Solid Asbestos (Pipes, Sheets Etc) Prohibited Waste: Poisonous, Noxious, Polluting Wastes	A13SW (SW)	229	2	453060 376157

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Zechstein Group	A13SW (NW)	0	1	453213 376377
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (NW)	0	1	453213 376377
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	83	1	453213 376500
45	BGS Recorded Mineral Sites Site Name: Belph Moor Location: Whitwell, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 222255 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A13SE (E)	152	1	453395 376308
46	BGS Recorded Mineral Sites Site Name: Belph Moor Location: Whitwell, Staveley, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 33062 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation (Lower Magnesian Limestone) Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A13NE (E)	201	1	453448 376414
47	BGS Recorded Mineral Sites Site Name: Southfield Lane Location: Whitwell, Worksop, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 8014 Type: Opencast Status: Ceased Operator: Steetley Quarry Products Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation (Lower Magnesian Limestone) Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	374	1	452935 376075

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	BGS Recorded Mineral Sites Site Name: Hodthorpe Location: Hodthorpe, Whitwell, Worksop, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 33073 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Edlington Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SW (E)	435	1	453680 376281
48	BGS Recorded Mineral Sites Site Name: Hodthorpe Location: Hodthorpe, Whitwell, Worksop, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 33073 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A14SW (E)	435	1	453680 376281
49	BGS Recorded Mineral Sites Site Name: Southfield Lane Location: Worksop, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 222011 Type: Opencast Status: Ceased Operator: Steetley Quarry Products Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	466	1	452985 375925
50	BGS Recorded Mineral Sites Site Name: High Hill Quarries Location: Whitwell, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 222254 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A12NE (W)	467	1	452730 376537
50	BGS Recorded Mineral Sites Site Name: High Hill Quarries Location: Whitwell, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 222253 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A12NE (W)	504	1	452692 376539
51	BGS Recorded Mineral Sites Site Name: High Hill Quarries Location: Whitwell, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 222252 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation Commodity: Dolomite Positional Accuracy: Located by supplier to within 10m	A12NE (W)	592	1	452603 376550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	BGS Recorded Mineral Sites Site Name: Whitwell Colliery Location: Whitwell, Worksop, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 245838 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NE (S)	592	1	453447 375801
52	BGS Recorded Mineral Sites Site Name: Whitwell Colliery Location: Whitwell, Worksop, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 11933 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NE (S)	602	1	453415 375777
53	BGS Recorded Mineral Sites Site Name: Whitwell Colliery Methane Plant Location: Whitwell, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 16349 Type: Liquid or Gas Extraction Status: Active Operator: Infinis Energy Group Holdings Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Abandoned Mine Methane Positional Accuracy: Located by supplier to within 10m	A8SE (S)	693	1	453380 375670
54	BGS Recorded Mineral Sites Site Name: Whitwell Quarry North Location: Whitwell, Worksop, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 174682 Type: Opencast Status: Active Operator: Tarmac (A Crh Company) Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	833	1	452640 375722
55	BGS Recorded Mineral Sites Site Name: Whitwell Quarry Location: Worksop, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 222014 Type: Opencast Status: Dormant Operator: Tarmac (A Crh Company) Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A8SW (S)	915	1	453030 375440
56	BGS Recorded Mineral Sites Site Name: Whitwell Quarry Extension Location: Worksop, Nottinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 222015 Type: Opencast Status: Dormant Operator: Tarmac (A Crh Company) Operator Location: Not Supplied Periodic Type: Permian Geology: Cadeby Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	973	1	452590 375580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SW (NW)	0	8	453213 376377
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (NW)	0	-	453213 376377
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	453213 376377
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	453213 376377
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	114	1	453351 376425
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	241	1	453046 376153
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	453213 376377
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	453213 376377
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	453213 376377
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	453236 376394
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	114	1	453351 376425
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	241	1	453046 376153
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	453213 376377
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	453236 376394
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	150	1	453329 376518
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	453213 376377
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	453213 376377

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57	Contemporary Trade Directory Entries Name: History In The Making Location: 6, Welbeck Street, Whitwell, Worksop, Nottinghamshire, S80 4TW Classification: Homefurnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	258	-	453180 376672
58	Contemporary Trade Directory Entries Name: Whitwell Service Station Ltd Location: Welbeck Street, Whitwell, Worksop, Nottinghamshire, S80 4TP Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	307	-	453503 376545
59	Contemporary Trade Directory Entries Name: Thorpes Building Supplies Location: Fox House, 1, Fox Road, Whitwell, Worksop, S80 4SA Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	330	-	453159 376742
59	Contemporary Trade Directory Entries Name: Thorpes Building Supplies Ltd Location: Fox House, 1, Fox Road, Whitwell, Worksop, Nottinghamshire, S80 4SA Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	332	-	453160 376744
60	Contemporary Trade Directory Entries Name: Trm Shredders Location: Southfield Lane, Whitwell, Worksop, Nottinghamshire, S80 3LH Classification: Shredding Equipment & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	331	-	453135 376014
60	Contemporary Trade Directory Entries Name: Sheartech Ltd Location: Southfield Lane, Whitwell, Worksop, Nottinghamshire, S80 3LH Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	347	-	453132 375999
60	Contemporary Trade Directory Entries Name: Shear Technology Location: Southfield Lane, Whitwell, Worksop, Nottinghamshire, S80 3LH Classification: Mineral Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	347	-	453132 375999
61	Contemporary Trade Directory Entries Name: Crofter Machinery Location: 17, Hangar Hill, Whitwell, Worksop, Nottinghamshire, S80 4TB Classification: Agricultural Vehicles Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	338	-	453085 376727
62	Contemporary Trade Directory Entries Name: Vagheggi Location: 11, Portland Street, Whitwell, Worksop, Nottinghamshire, S80 4RJ Classification: Cosmetic Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	393	-	452855 376620
63	Contemporary Trade Directory Entries Name: New Generation Cranes Ltd Location: 8, The Greenway, Whitwell, Worksop, Nottinghamshire, S80 4SY Classification: Crane Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	497	-	452909 376810
64	Contemporary Trade Directory Entries Name: Advanced Marking Ltd Location: Southfield Lane, Whitwell, Worksop, Nottinghamshire, S80 3LH Classification: Road Marking & Surfacing Equipment & Material Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	506	-	453312 375846
64	Contemporary Trade Directory Entries Name: Whitwell M O T Centre Location: Southfield Lane, Whitwell, Worksop, S80 3LH Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	525	-	453338 375833

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Contemporary Trade Directory Entries Name: Whitwell Mot Centre Location: Southfield Lane, Whitwell, Worksop, S80 3LH Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	525	-	453338 375833
64	Contemporary Trade Directory Entries Name: Whitwell Auto Repairs & Recyclers Location: Southfield Lane, Whitwell, Worksop, Nottinghamshire, S80 3LH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	548	-	453345 375812
65	Contemporary Trade Directory Entries Name: Transworld Recycling Machinery Location: Southfield La, Whitwell, Worksop, Nottinghamshire, S80 3LH Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	589	-	453337 375766
65	Contemporary Trade Directory Entries Name: Southfield Electrical Control Systems Location: Southfield La, Whitwell, Worksop, Nottinghamshire, S80 3LH Classification: Electrical Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	609	-	453352 375750
66	Contemporary Trade Directory Entries Name: Avanti Hygienic Walls & Ceilings Ltd Location: 86, Portland Street, Whitwell, WORKSOP, Nottinghamshire, S80 4RH Classification: Cladding Suppliers & Installers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	675	-	452553 376656
67	Contemporary Trade Directory Entries Name: D A Smith Agricultural Engineers Location: 5, Queens Road, Hodthorpe, Worksop, S80 4UN Classification: Agricultural Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	678	-	453910 376532
68	Contemporary Trade Directory Entries Name: Lafarge Aggregates Ltd Location: SOUTHFIELD LANE, Whitwell, Worksop, Nottinghamshire, S80 3LJ Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	702	-	453452 376684
69	Contemporary Trade Directory Entries Name: Sherwood Lime & Fertiliser Company Location: Hodthorpe Nurseries, Hodthorpe, Worksop, Nottinghamshire, S80 4UR Classification: Fertilisers Status: Active Positional Accuracy: Manually positioned to the address or location	A14NE (E)	734	-	453982 376446
70	Contemporary Trade Directory Entries Name: Wheatley Wrought Iron Works Location: The Old Chapel, King Street, Hodthorpe, Worksop, Nottinghamshire, S80 4UY Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	747	-	453961 376602
71	Contemporary Trade Directory Entries Name: Plantation Garage Location: Bakestone Moor, Whitwell, Worksop, Nottinghamshire, S80 4QB Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	760	-	452428 376245
71	Contemporary Trade Directory Entries Name: Kevs Autos & Car Sales Location: Bakestone Moor, Whitwell, Worksop, Nottinghamshire, S80 4QB Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	777	-	452410 376244
72	Contemporary Trade Directory Entries Name: Sherwood Lime & Fert Co Ltd Location: Hodthorpe Nurseries, Queens Road, Hodthorpe, Worksop, S80 4UT Classification: Fertilisers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	859	-	454103 376487

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	Contemporary Trade Directory Entries Name: Lafarge Readymix Ltd Location: Whitwell Works, Whitwell, Worksop, S80 3LJ Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	964	-	453400 375397
73	Contemporary Trade Directory Entries Name: R D L Distribution Ltd Location: Whitwell Works, Whitwell, Worksop, Nottinghamshire, S80 3LJ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	964	-	453400 375397
73	Contemporary Trade Directory Entries Name: Lafarge Aggregates Ltd Location: Whitwell Works, Whitwell, Worksop, Nottinghamshire, S80 3LJ Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	964	-	453400 375397
73	Contemporary Trade Directory Entries Name: Lafarge Aggregates Ltd Location: Whitwell Works, Whitwell, Worksop, Nottinghamshire, S80 3LJ Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	964	-	453400 375397
74	Contemporary Trade Directory Entries Name: Verimex Location: 1 Claylands Farm, Claylands Road, Whitwell, Worksop, S80 4SZ Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A11SE (W)	984	-	452191 376328
75	Points of Interest - Commercial Services Name: Whitwell Service Station Ltd Location: Welbeck Street, Whitwell, Worksop, S80 4TP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	306	9	453503 376544
75	Points of Interest - Commercial Services Name: Ivor Davidson Location: Welbeck Street, Whitwell, Worksop, S80 4TP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	307	9	453503 376545
76	Points of Interest - Commercial Services Name: J C Commercial Spares Ltd Location: 10 Southfield Lane, Whitwell, Worksop, S80 4NW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	312	9	452877 376487
77	Points of Interest - Commercial Services Name: Cosmetic Auto Repairs Location: 12 High Street, Whitwell, Worksop, S80 4QU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (NW)	418	9	452924 376725
78	Points of Interest - Commercial Services Name: Whitwell M O T Centre Location: Southfield Lane, Whitwell, Worksop, S80 3LH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	525	9	453338 375833
78	Points of Interest - Commercial Services Name: Whitwell Auto Repairs & Recyclers Location: Southfield Lane, Whitwell, Worksop, S80 3LH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	548	9	453345 375812
78	Points of Interest - Commercial Services Name: Whitwell MOT Centre Location: Southfield Lane, Whitwell, Worksop, S80 3LH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	548	9	453345 375812

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Points of Interest - Commercial Services Name: Scrap Yard Location: S80 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A8NE (S)	570	9	453364 375793
78	Points of Interest - Commercial Services Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	573	9	453369 375792
79	Points of Interest - Commercial Services Name: Wheatley Wrought Iron Works Location: The Old Chapel, King Street, Hodthorpe, Worksop, S80 4UY Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A14NE (E)	746	9	453960 376601
80	Points of Interest - Commercial Services Name: Kevs Autos & Car Sales Location: 79a Bakestone Moor, Whitwell, Worksop, S80 4QB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	771	9	452416 376244
81	Points of Interest - Commercial Services Name: Verimex Location: Claylands Farm, Claylands Road, Whitwell, Worksop, S80 4SZ Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A11SE (W)	985	9	452190 376331
82	Points of Interest - Manufacturing and Production Name: Works Location: S80 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	410	9	453385 375973
83	Points of Interest - Manufacturing and Production Name: Works Location: S80 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	576	9	453345 375782
83	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	A8NE (S)	584	9	453349 375775
83	Points of Interest - Manufacturing and Production Name: Power Station Location: S80 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	614	9	453320 375737
84	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	A14NE (E)	747	9	453962 376597
85	Points of Interest - Manufacturing and Production Name: Workings (Dis) Location: S80 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	916	9	452476 375777
86	Points of Interest - Manufacturing and Production Name: Tank Location: S80 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	953	9	453343 375397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: S80 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	149	9	453325 376232
88	Points of Interest - Public Infrastructure Name: Whitwell (Derbys) Rail Station Location: S80 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (SE)	242	9	453418 376186
88	Points of Interest - Public Infrastructure Name: Whitwell Station Location: Loxley Lane, S80 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13SE (SE)	242	9	453418 376186
89	Points of Interest - Public Infrastructure Name: Sewage Works Location: S80 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	341	9	453360 376037
89	Points of Interest - Public Infrastructure Name: Sewage Works Location: S80 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	408	9	453385 375975
90	Points of Interest - Public Infrastructure Name: Spoil Heap (Disused) Location: S80 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	425	9	453556 376065
91	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: S80 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	703	9	453728 375844
92	Points of Interest - Public Infrastructure Name: Sewage Works Location: S80 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	859	9	453752 375664
93	Points of Interest - Public Infrastructure Name: Refuse Tip (Disused) Location: S80 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	888	9	454012 375901
94	Points of Interest - Recreational and Environmental Name: Playground Location: Parkway, S80 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NE (E)	218	9	453457 376441
94	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	A13NE (E)	230	9	453465 376452
94	Points of Interest - Recreational and Environmental Name: Play Area Location: S80 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	248	9	453465 376494

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	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	A14NW (E)	574	9	453820 376456
95	Points of Interest - Recreational and Environmental Name: Playground Location: Welbeck Street, S80 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NW (E)	588	9	453829 376483
96	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	A12SW (W)	757	9	452422 376293
96	Points of Interest - Recreational and Environmental Name: Playground Location: Bakestone Moor, S80 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12SW (W)	764	9	452417 376281
96	Points of Interest - Recreational and Environmental Name: Play Area Location: S80 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	768	9	452407 376340
97	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	997	9	454225 376586
97	Points of Interest - Recreational and Environmental Name: Play Area Location: S80 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A15NW (E)	999	9	454226 376590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	Ancient Woodland Name: Whitwell Wood Reference: 1105234 Area(m²): 1604076.62 Type: Plantation on Ancient Woodland	A17NE (NW)	961	10	452739 377251
99	Nitrate Vulnerable Zones Name: Clumber Lake & Welbeck Great Lake Eutrophic Lake Nvz Description: Eutrophic Water Source: Environment Agency, Head Office	A13SW (NW)	0	4	453213 376377
100	Nitrate Vulnerable Zones Name: River Idle From River Ryton To River Trent Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (NW)	0	4	453213 376377
101	Nitrate Vulnerable Zones Name: Nottinghamshire Description: Groundwater Source: Environment Agency, Head Office	A13SW (NW)	0	4	453213 376377

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Rotherham Metropolitan Borough Council - Environmental Health Department Bassetlaw District Council - Environmental Health Department Bolsover District Council - Environmental Health Department Environment Agency - Head Office	April 2014 January 2020 January 2020 June 2020	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually
Discharge Consents Environment Agency - Midlands Region Environment Agency - North East Region	January 2021 January 2021	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region Environment Agency - North East Region	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
Integrated Pollution Controls Environment Agency - Midlands Region Environment Agency - North East Region	October 2008 October 2008	Variable Variable
Integrated Pollution Prevention And Control Environment Agency - Midlands Region Environment Agency - North East Region	January 2021 January 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Bolsover District Council - Environmental Health Department Bassetlaw District Council - Environmental Health Department Rotherham Metropolitan Borough Council - Planning Department	August 2014 June 2014 October 2014	Variable Variable Variable
Local Authority Pollution Prevention and Controls Bassetlaw District Council - Environmental Health Department Bolsover District Council - Environmental Health Department Rotherham Metropolitan Borough Council - Planning Department	August 2014 August 2014 October 2014	Not Applicable Not Applicable Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bolsover District Council - Environmental Health Department Bassetlaw District Council - Environmental Health Department Rotherham Metropolitan Borough Council - Planning Department	August 2014 June 2014 October 2014	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2021	
Pollution Incidents to Controlled Waters Environment Agency - North East Region Environment Agency - Midlands Region	December 1998 December 1999	Not Applicable Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region Environment Agency - North East Region	July 2015 March 2013	Annual Rolling Update Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region Environment Agency - North East Region	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
Registered Radioactive Substances Environment Agency - Midlands Region Environment Agency - North East Region	June 2016 June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register		
Environment Agency - Midlands Region - East Area	January 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	January 2021	Quarterly
Environment Agency - North East Region - Ridings Area	January 2021	Quarterly
Environment Agency - North East Region - Yorkshire Area	January 2021	Quarterly
Water Abstractions		
Environment Agency - Midlands Region	January 2021	Quarterly
Environment Agency - North East Region	January 2021	Quarterly
Water Industry Act Referrals		
Environment Agency - Midlands Region	October 2017	Quarterly
Environment Agency - North East Region	October 2017	Quarterly
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk		
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Source Protection Zones		
Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	March 2021	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	March 2021	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	March 2021	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	March 2021	Quarterly
Flood Defences		
Environment Agency - Head Office	March 2021	Quarterly
OS Water Network Lines		
Ordnance Survey	September 2020	Quarterly
Surface Water 1 in 30 year Flood Extent		
Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent		
Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent		
Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability		
Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Midlands Region Environment Agency - North East Region	October 2008 October 2008	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	January 2021 January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	January 2021 January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bassetlaw District Council - Environmental Health Department Bolsover District Council Derbyshire County Council Nottinghamshire County Council - Environment Department Rotherham Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bassetlaw District Council - Environmental Health Department Bolsover District Council Derbyshire County Council Nottinghamshire County Council - Environment Department Rotherham Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2003 March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2003 March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2003 March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Bassetlaw District Council - Environmental Health Department Nottinghamshire County Council Bolsover District Council Derbyshire County Council Rotherham Metropolitan Borough Council	April 2015 August 2007 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Bassetlaw District Council - Environmental Health Department Nottinghamshire County Council Bolsover District Council Derbyshire County Council Rotherham Metropolitan Borough Council	April 2015 August 2007 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2021	Quarterly
Gas Pipelines National Grid	January 2021	
Points of Interest - Commercial Services PointX	March 2021	Quarterly
Points of Interest - Education and Health PointX	March 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2021	Quarterly
Points of Interest - Public Infrastructure PointX	March 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2021	Quarterly
Underground Electrical Cables National Grid	April 2021	

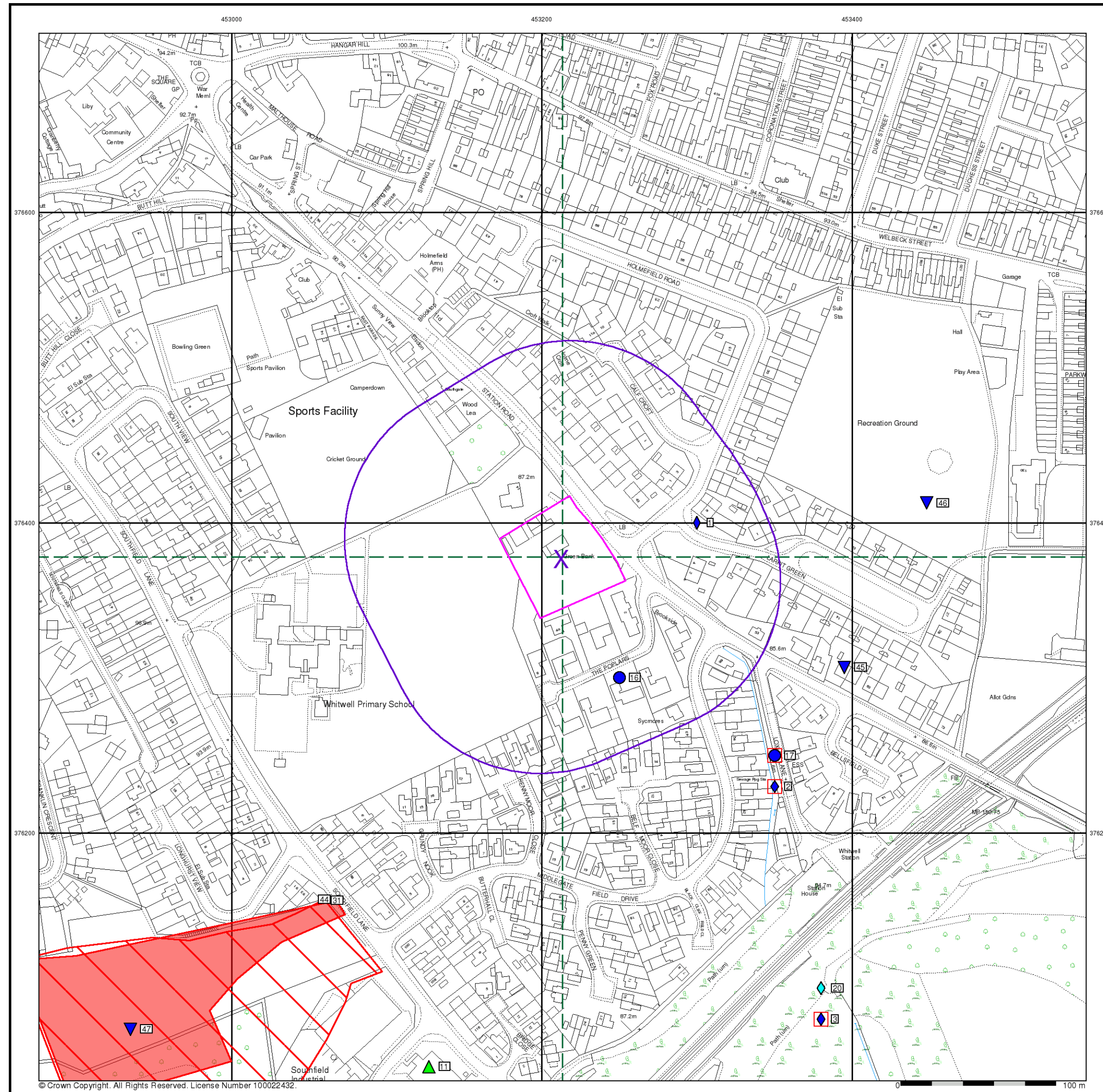
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bassetlaw District Council Bolsover District Council Rotherham Metropolitan Borough Council	June 2020 June 2020 June 2020	As notified As notified As notified
Areas of Unadopted Green Belt Bassetlaw District Council Bolsover District Council Rotherham Metropolitan Borough Council	June 2020 June 2020 June 2020	As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	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	Bolsover District Council - Environmental Health Department Sherwood Lodge, Bolsover, Derbyshire, S44 6NF	Telephone: 01246 240000 Fax: 01246 242424 Email: Env.health@bolsover.gov.uk Website: www.bolsover.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Bolsover District Council Sherwood Lodge, Bolsover, Chesterfield, Derbyshire, S44 6NF	Telephone: 01246 240000 Fax: 01246 242424 Website: www.bolsover.gov.uk
7	Derbyshire County Council County Offices, Matlock, Derbyshire, DE4 3AG	Telephone: 01629 580000 Fax: 01629 580119 Website: www.derbyshire.gov.uk
8	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
9	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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- ### General

 - Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
- ### Agency and Hydrological

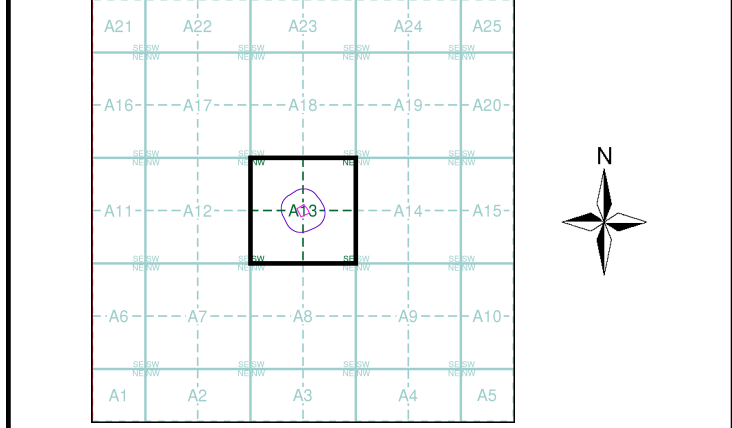
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- ### Waste

 - BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - 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 (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - 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
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- ### Geological

 - BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

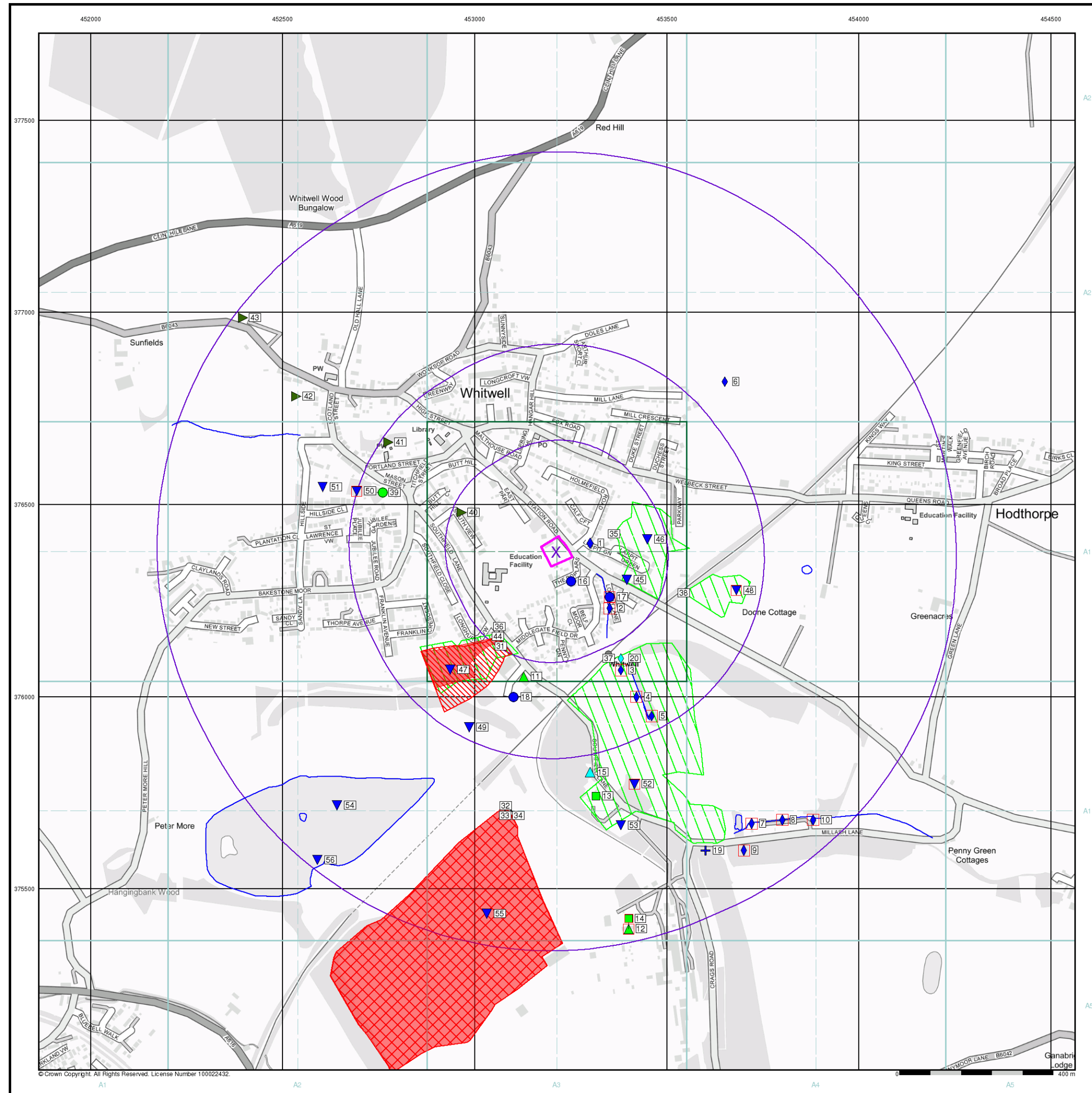


Order Details

Order Number: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Plot Buffer (m): 100

Site Details

Site at 453210, 376380



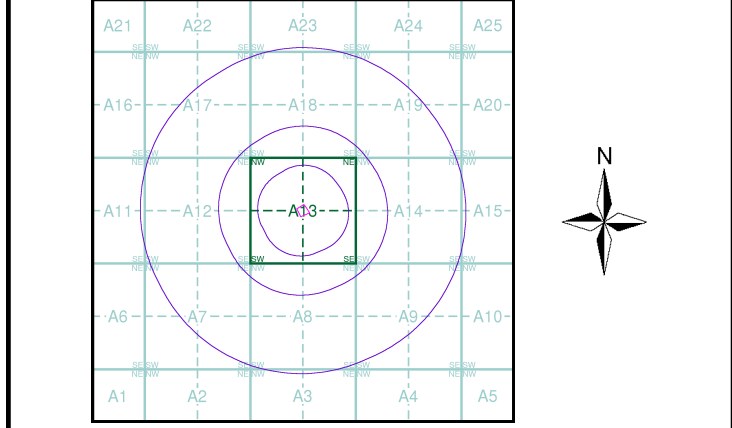
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LANDMARK INFORMATION GROUP®

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- 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 Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
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- Waste**
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 - Licensed Waste Management Facility (Landfill Boundary)
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 - 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 (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - 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
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



Order Details

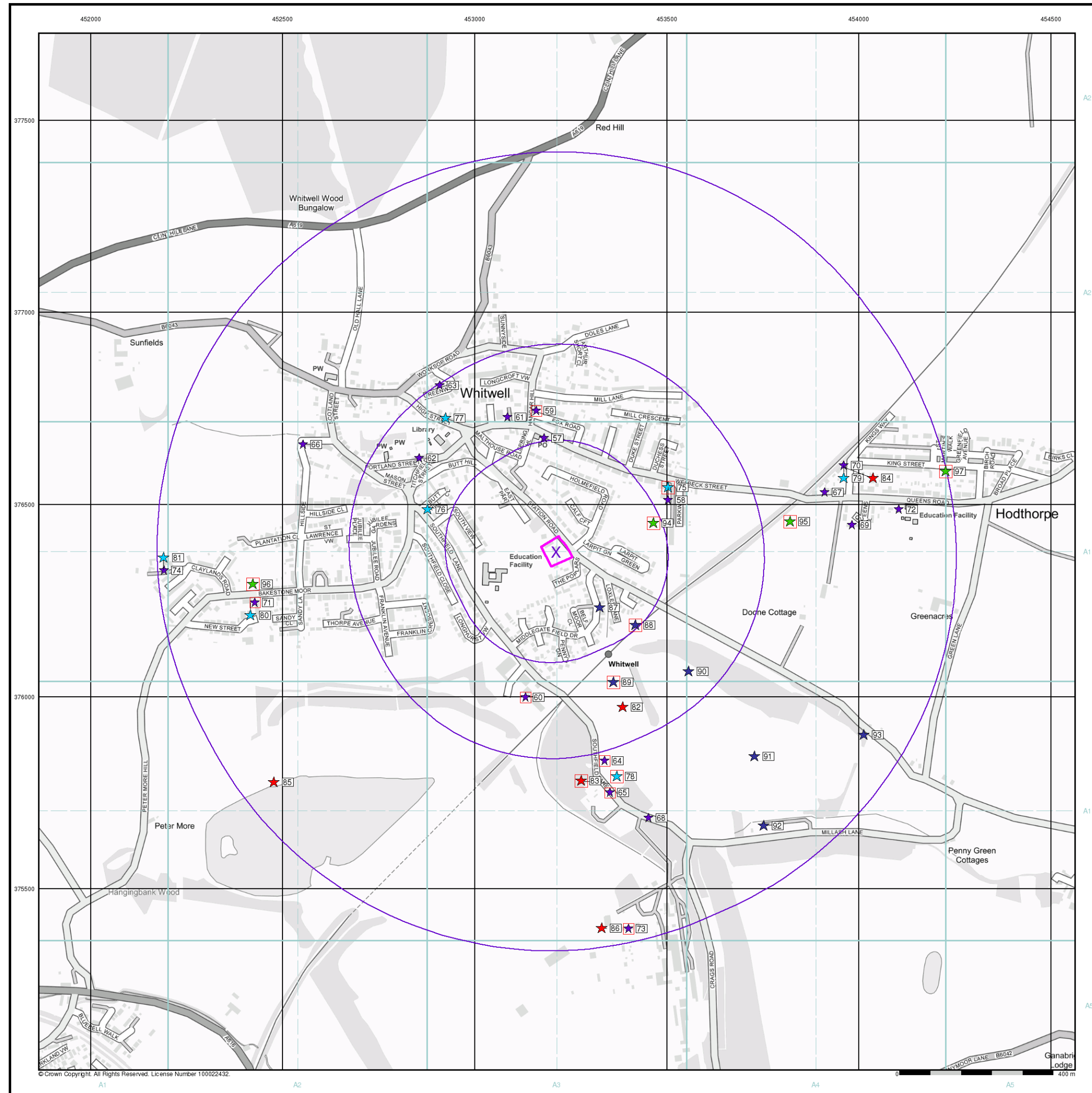
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 Customer Ref: 46003
 National Grid Reference: 453210, 376380
 Slice: A
 Site Area (Ha): 0.36
 Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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Industrial Land Use Map

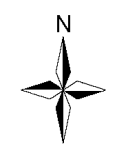
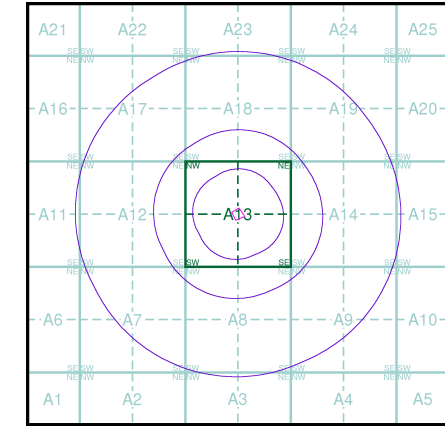
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- 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: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380



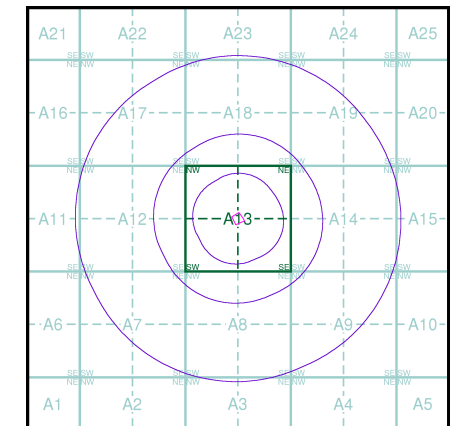
General

- Specified Site
- Specified Buffer(s)
- Bearing 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

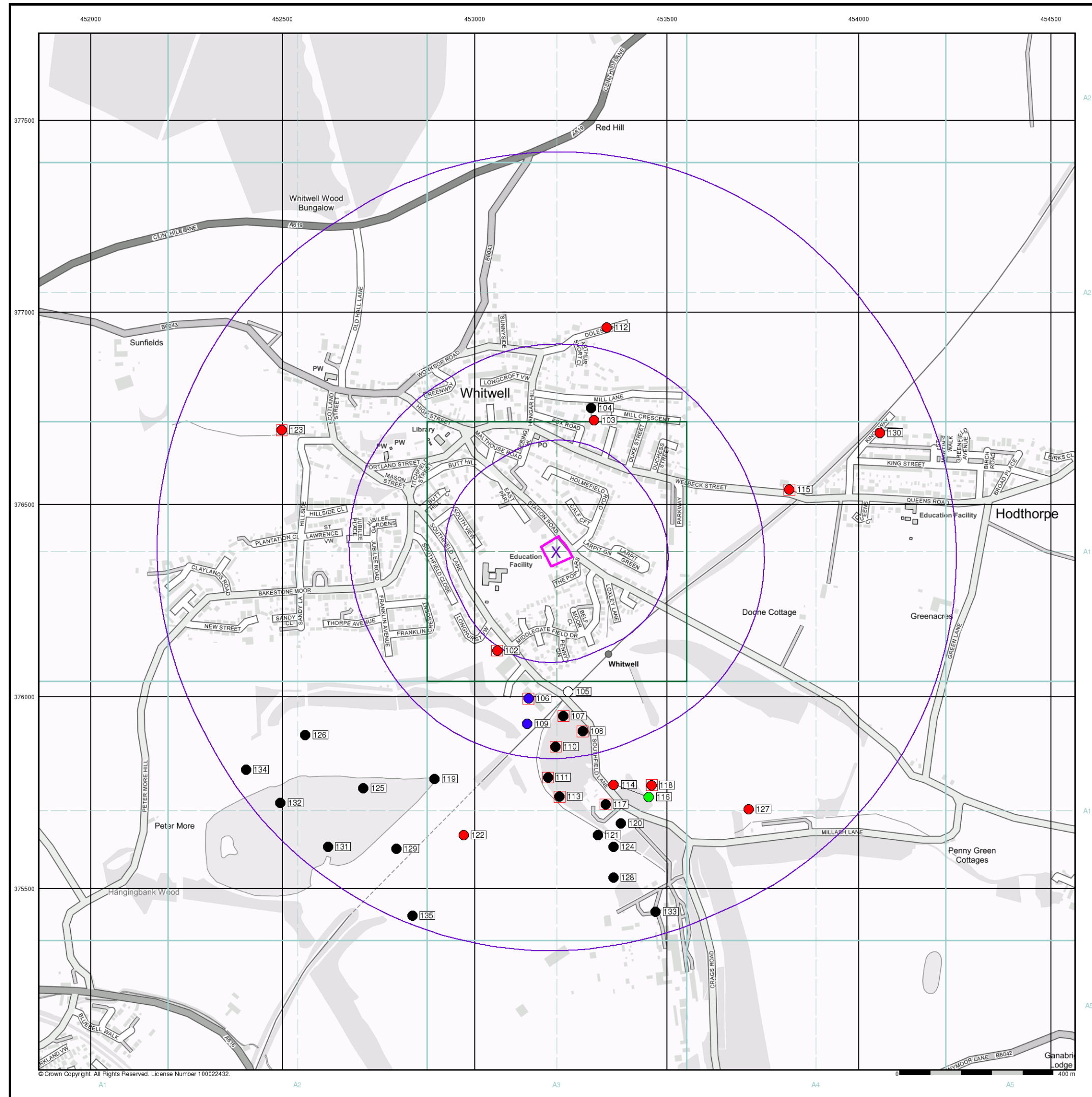


Order Details

Order Number: 276936040_1_1
 Customer Ref: 46003
 National Grid Reference: 453210, 376380
 Slice: A
 Site Area (Ha): 0.36
 Search Buffer (m): 1000

Site Details

Site at 453210, 376380



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

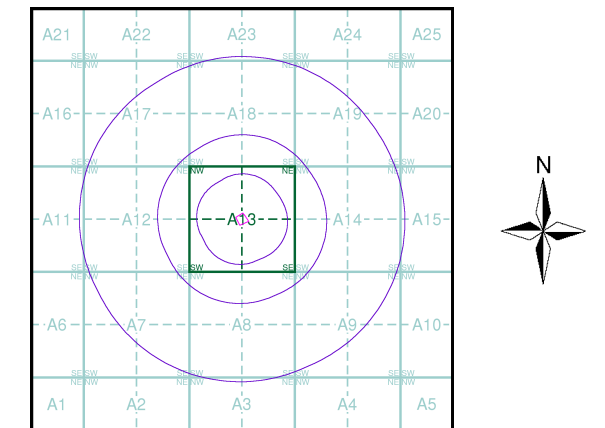
Agency and Hydrological (Boreholes)

- 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

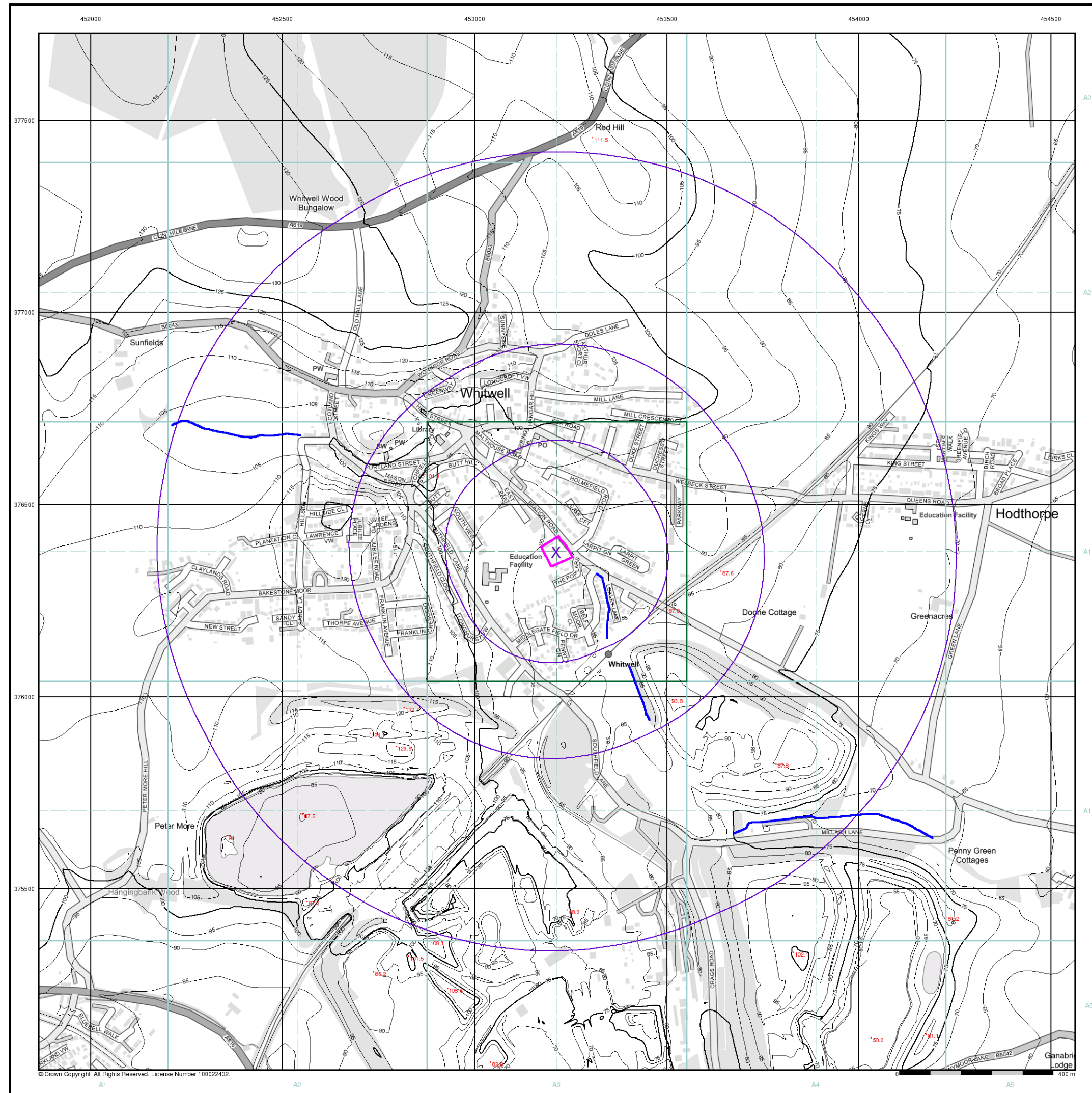


Order Details

Order Number: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380



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General

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

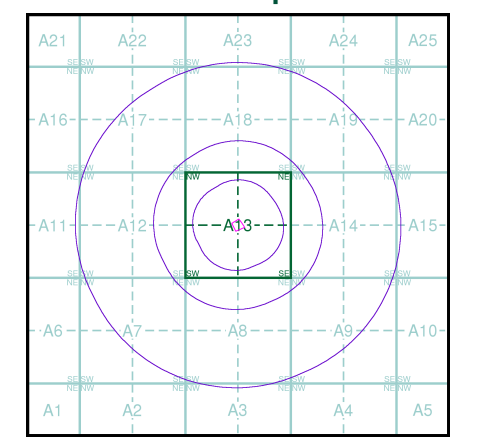
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

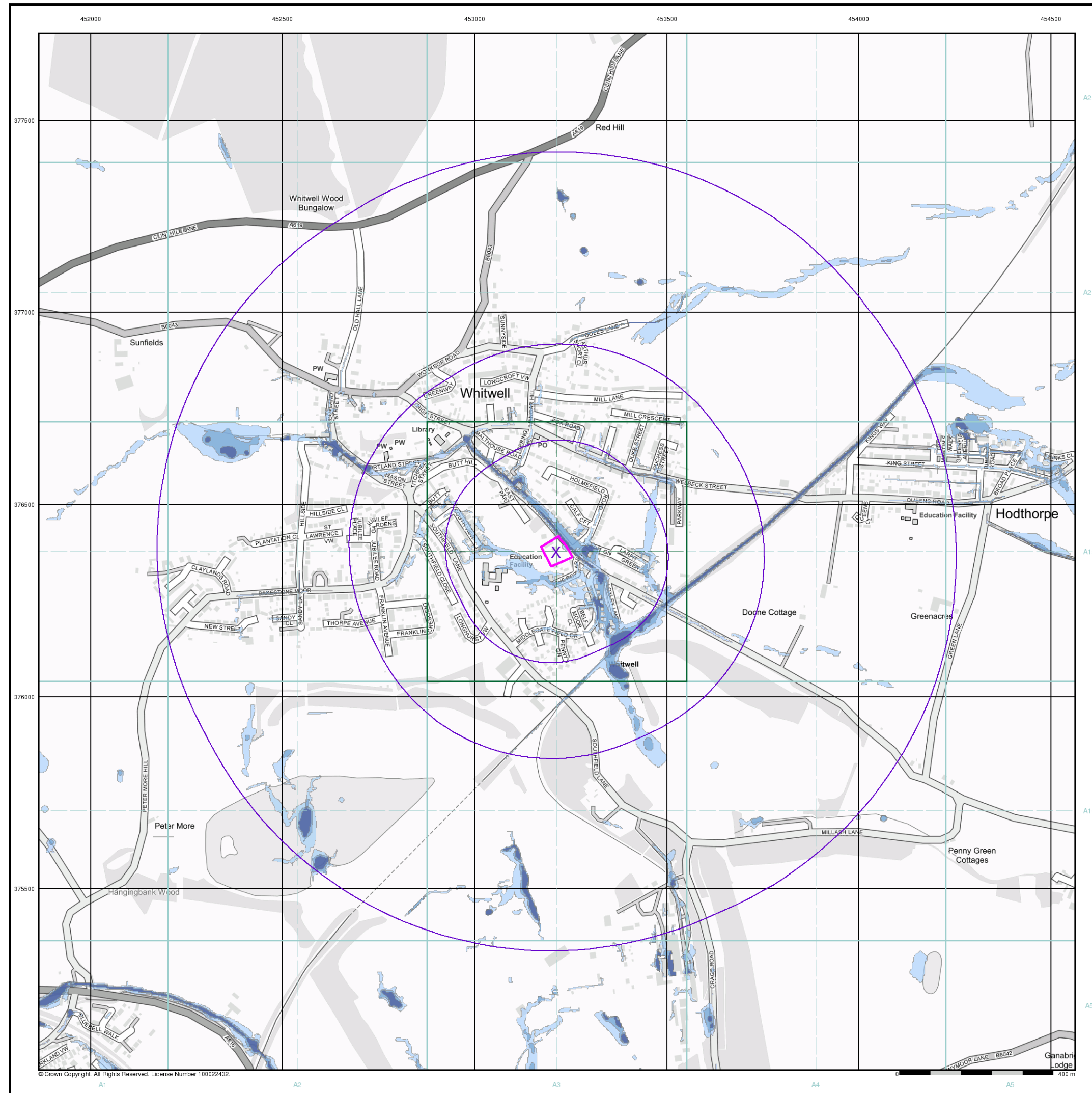
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Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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General

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

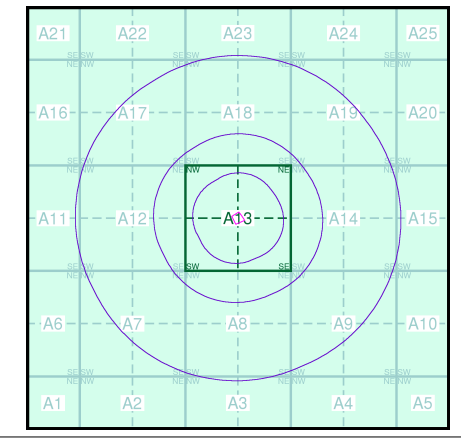
Risk of Flooding from Surface Water

- 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 of land
 - Property

E/NRW Suitability Map - Slice A



Order Details

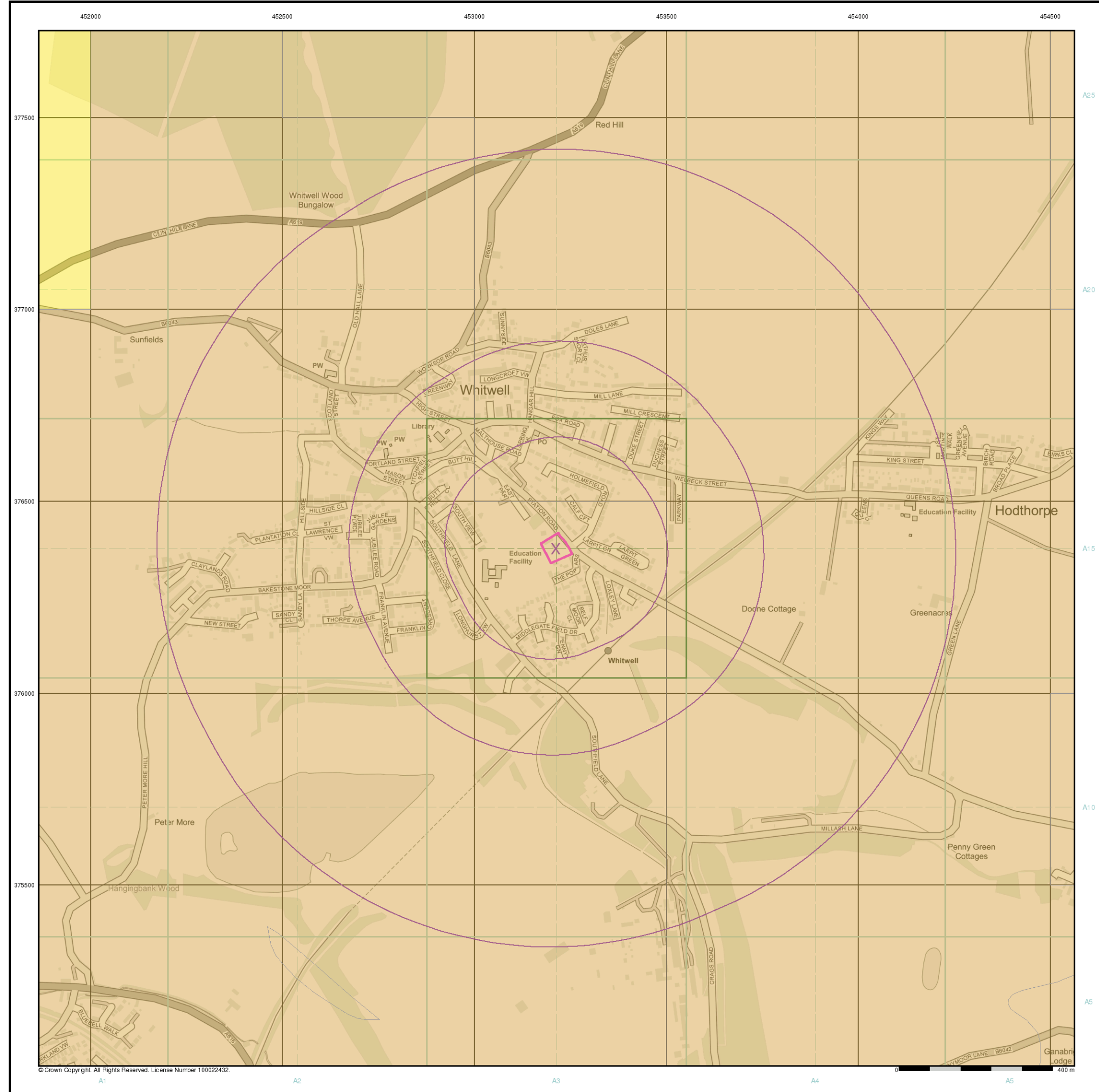
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Customer Ref: 46003
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Slice: A
Site Area (Ha): 0.36
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Site Details

Site at 453210, 376380

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General

Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

< 15
15 - 25
25 - 35
35 - 45
45 - 60
60 - 120
> 120

Estimated Soil Chemistry Arsenic - Slice A

Order Details

Order Details:	276936040_1_1
Customer Ref:	46003
National Grid Reference:	453210, 376380
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details

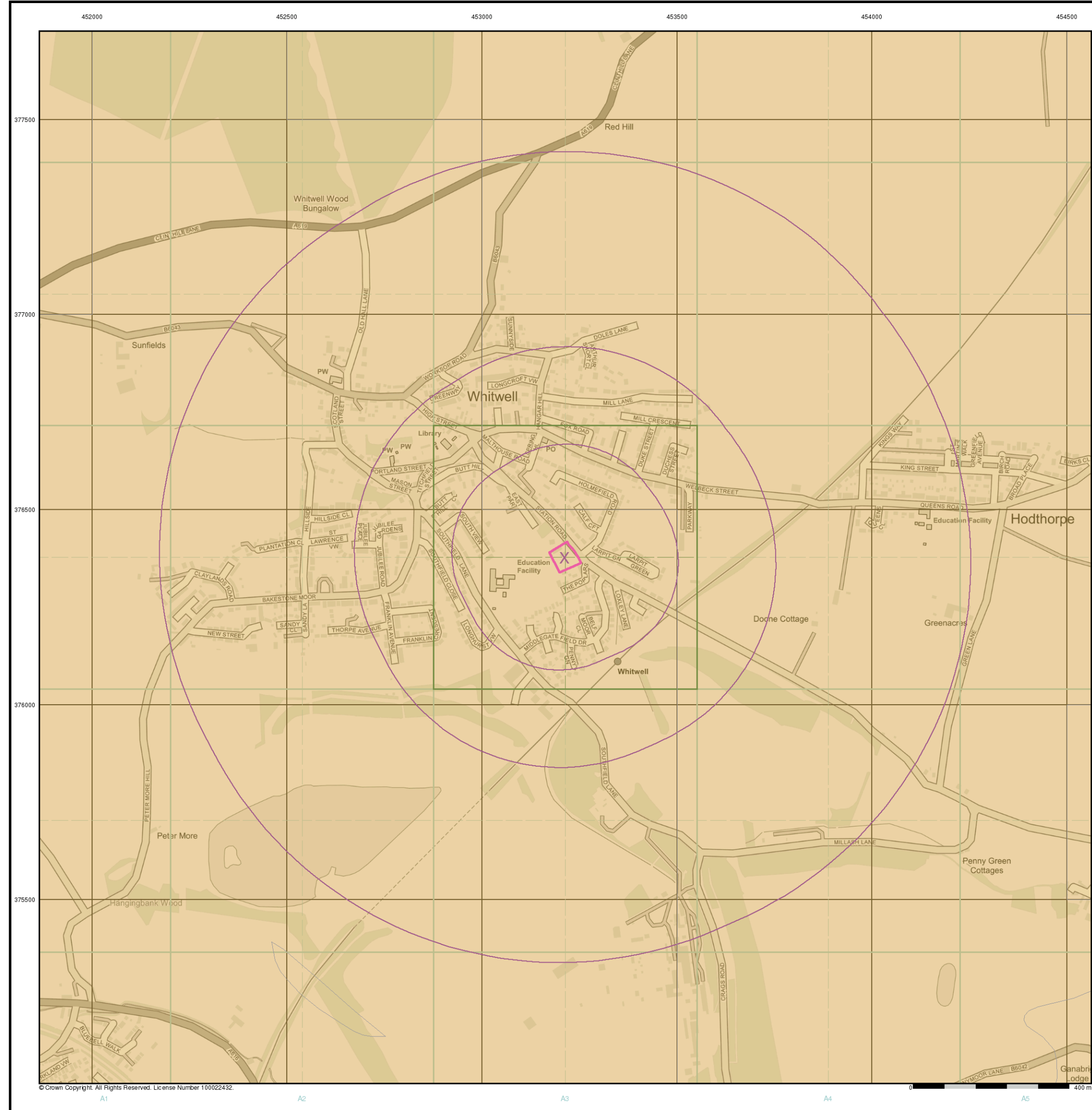
Site at 453210, 376380

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A Landmark Information Group Service v50.0 19-Apr-2021 Page 1 of 5



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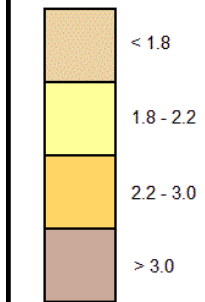
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General

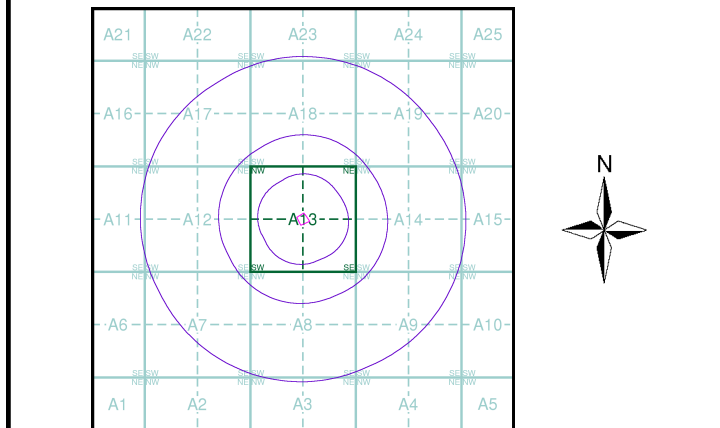
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

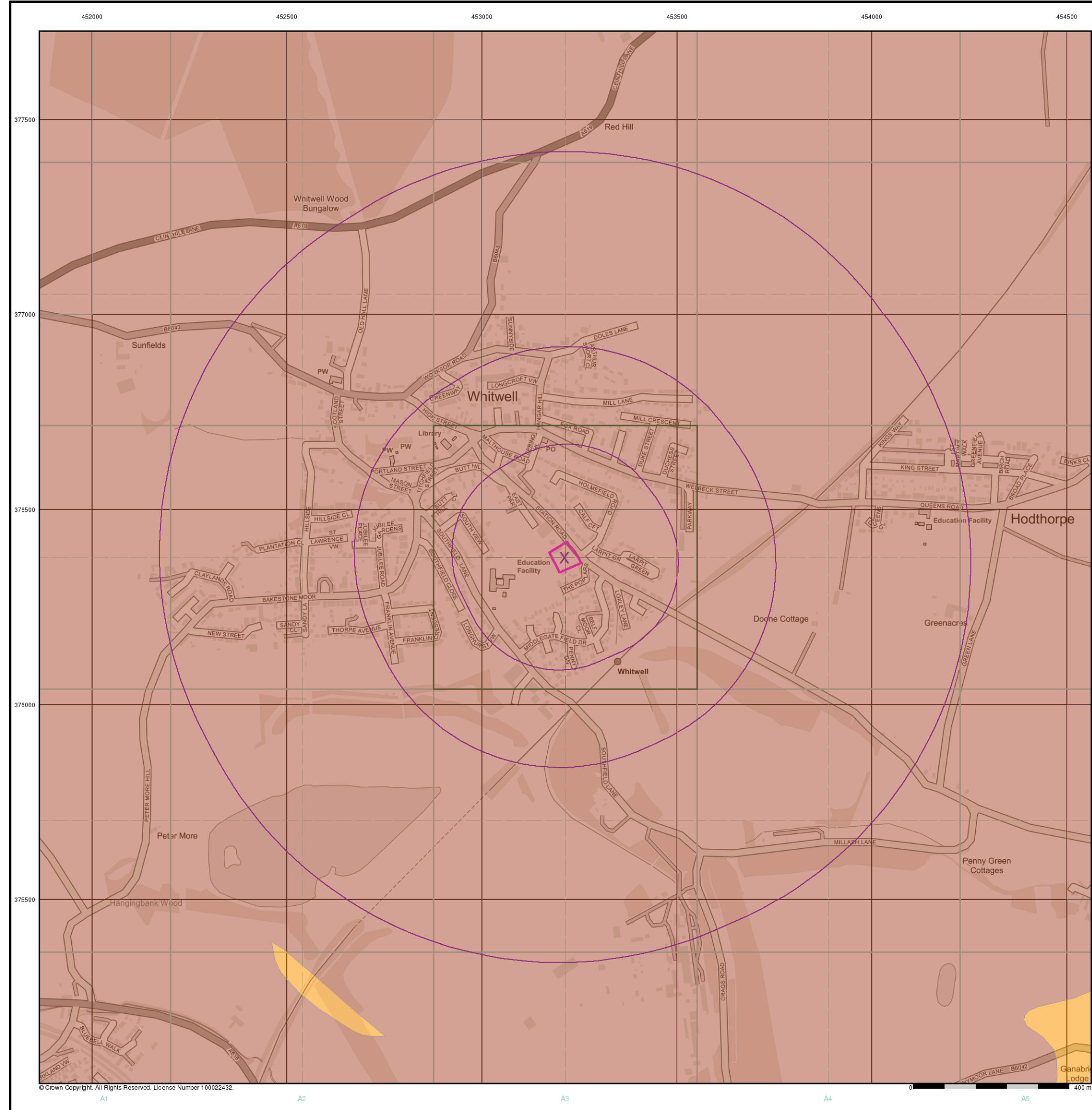
Order Details: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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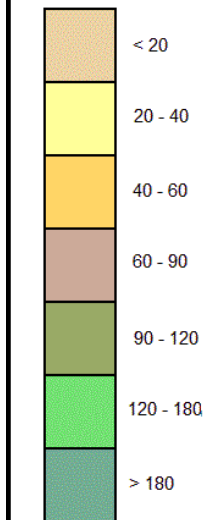
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General

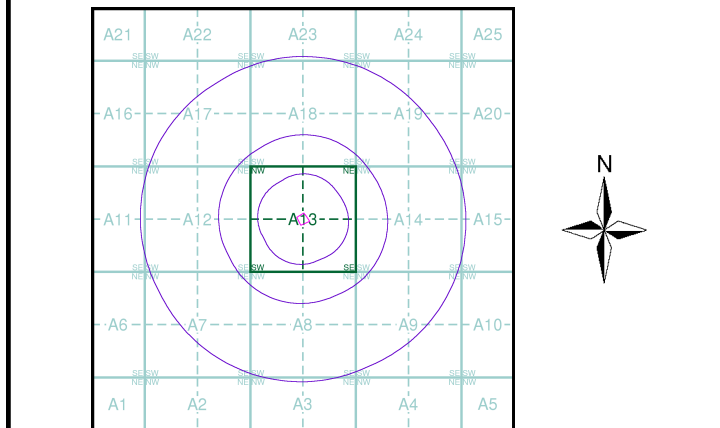
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

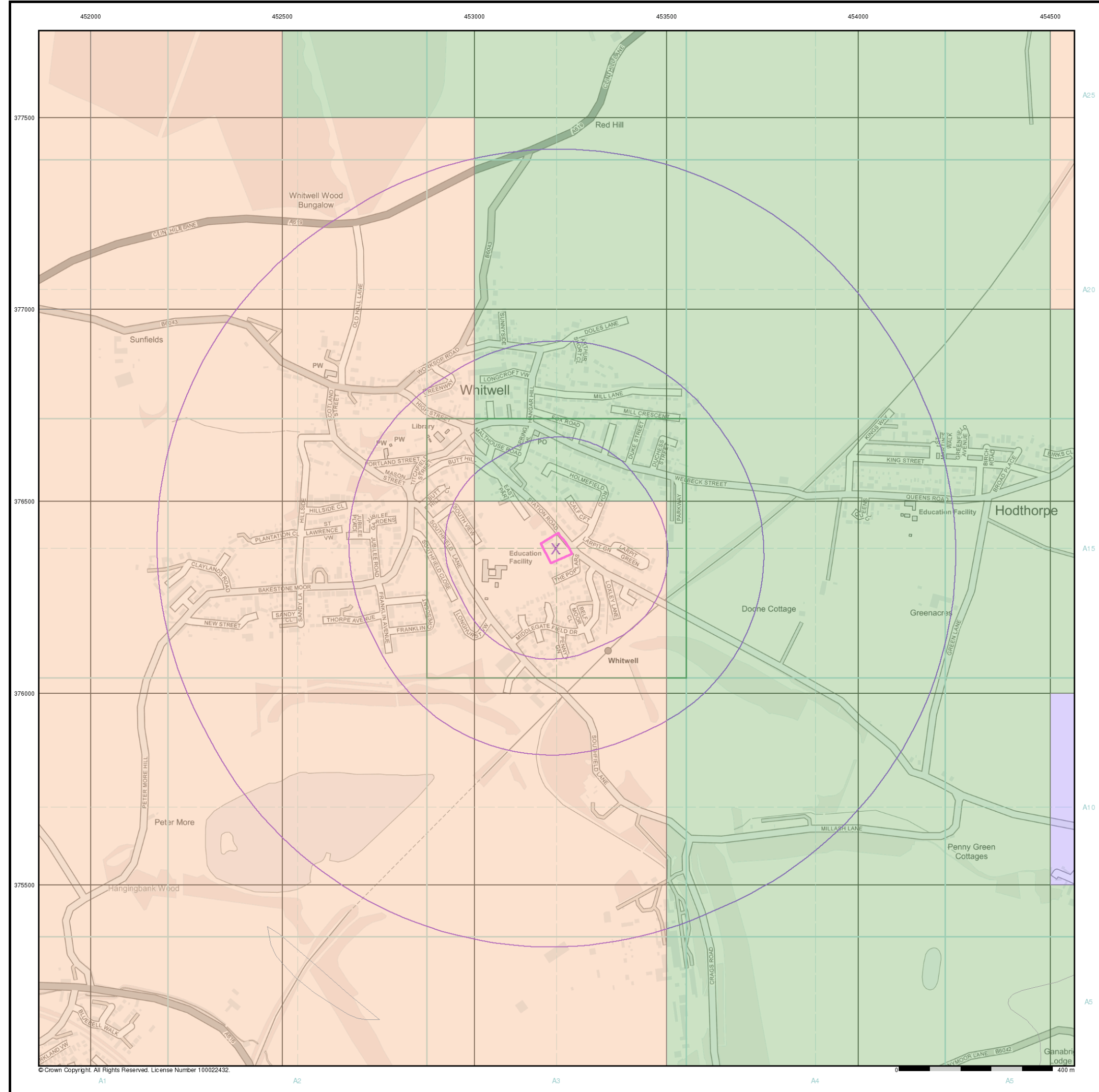


Order Details

Order Details: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380



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General

Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

<100 mg/kg
100 - 200
200 - 300
300 - 600
600 - 1200
>1200

Estimated Soil Chemistry Lead - Slice A

Order Details

Order Details: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Slice: A
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

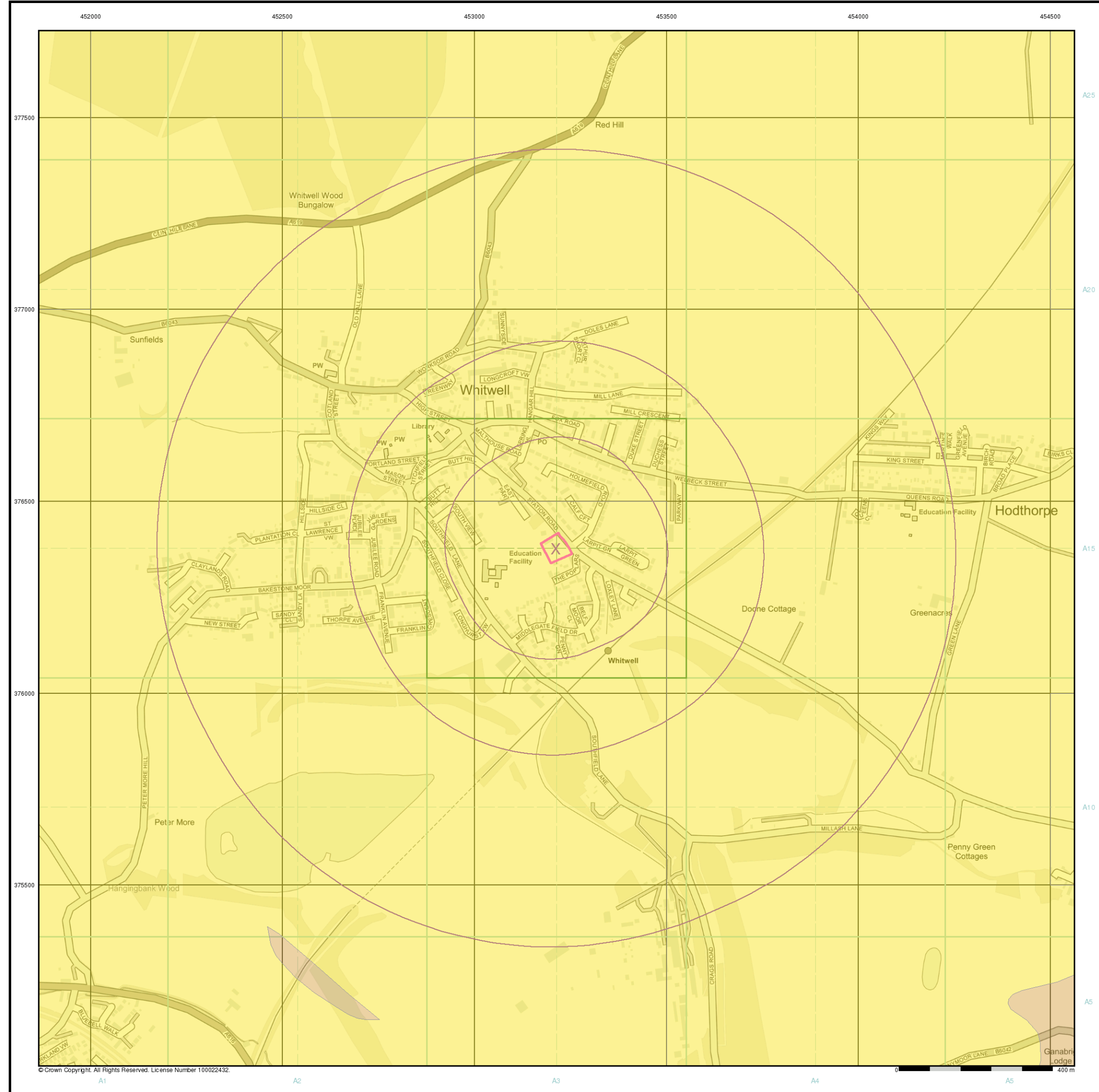
Site at 453210, 376380

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General

📍 Specified Site 📏 Specified Buffer(s) ✕ Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

< 15
15 - 30
30 - 45
45 - 60
60 - 80
80 - 100
> 100

Estimated Soil Chemistry Nickel - Slice A

Order Details

Order Details:	276936040_1_1
Customer Ref:	46003
National Grid Reference:	453210, 376380
Slice:	A
Site Area (Ha):	0.36
Search Buffer (m):	1000

Site Details

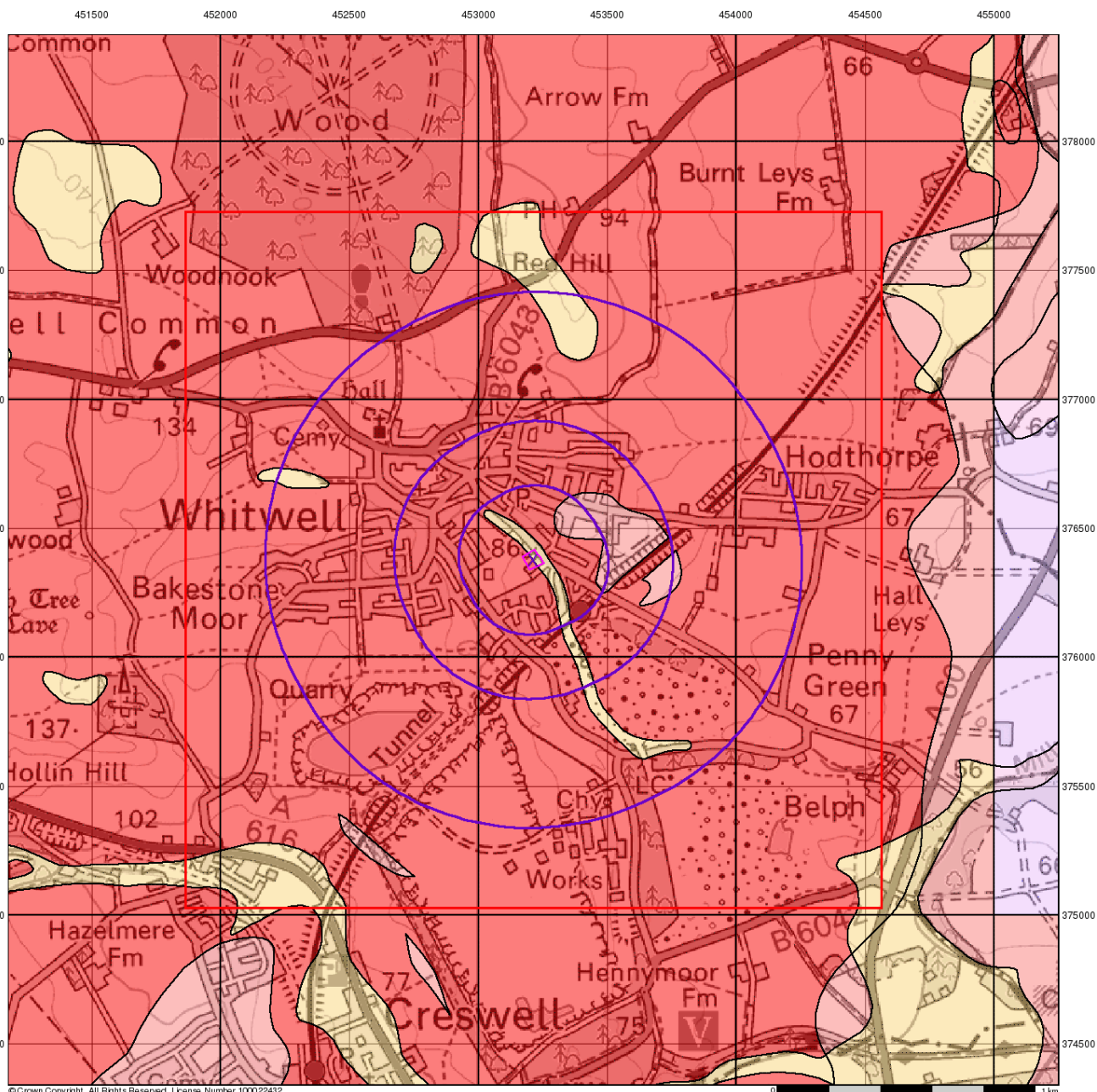
Site at 453210, 376380

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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

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

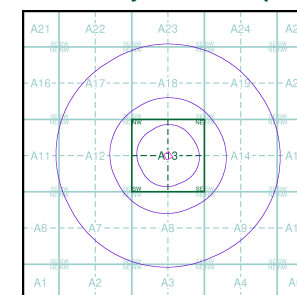
Superficial Aquifers

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

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

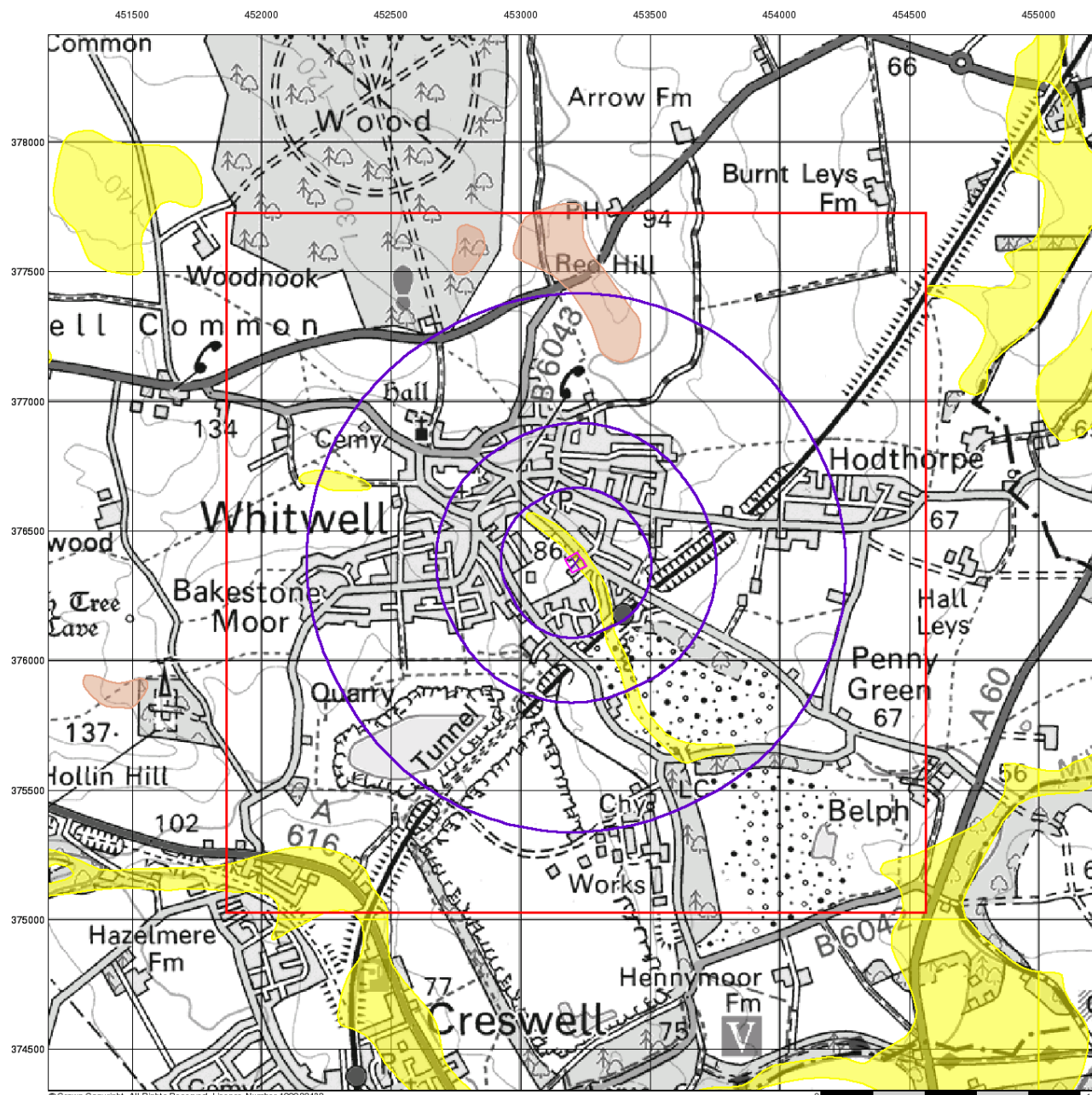
Order Number: 276936040_1_1
 Customer Ref: 46003
 National Grid Reference: 453210, 376380
 Slice: A
 Site Area (Ha): 0.36
 Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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Superficial Aquifer Designation

General

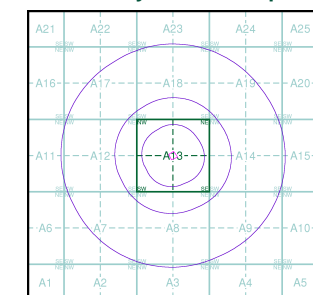
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

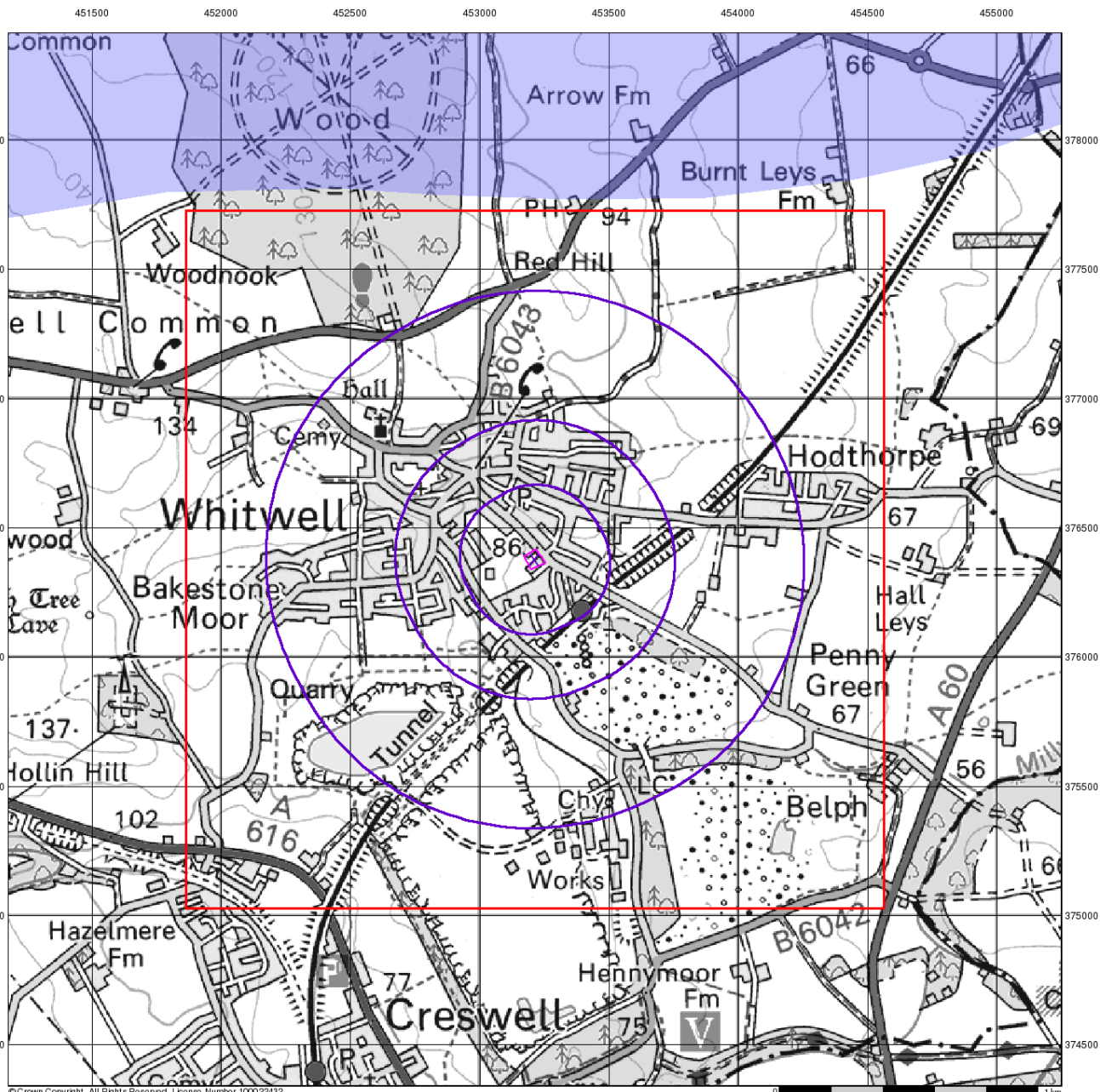
Order Number: 276936040_1_1
 Customer Ref: 46003
 National Grid Reference: 453210, 376380
 Slice: A
 Site Area (Ha): 0.36
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Site Details

Site at 453210, 376380

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Source Protection Zones

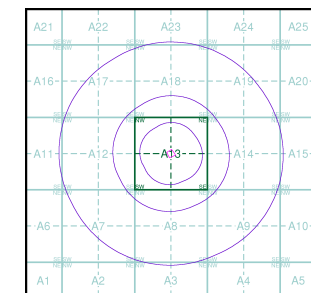
General

- 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

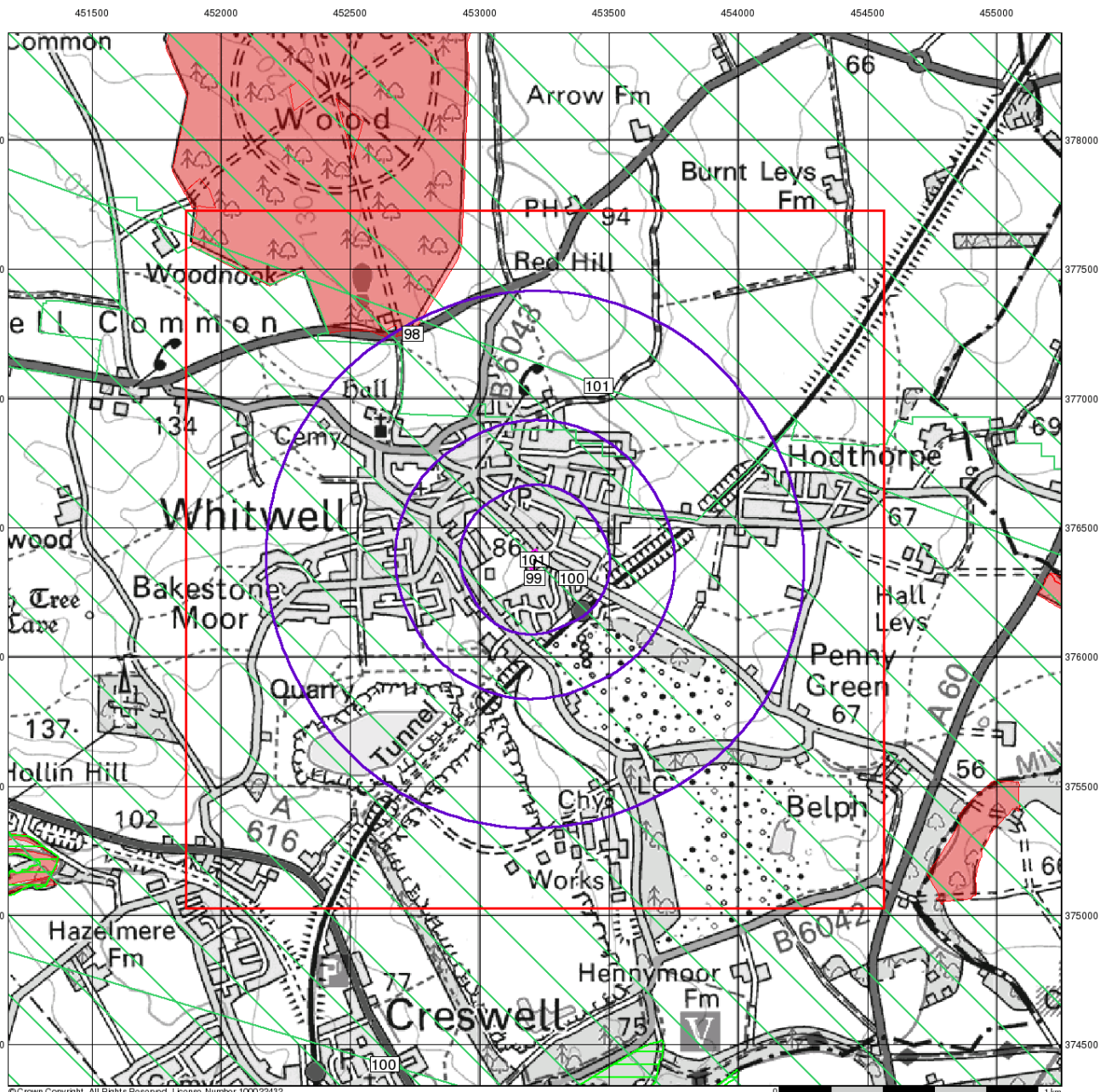
Order Number: 276936040_1_1
 Customer Ref: 46003
 National Grid Reference: 453210, 376380
 Slice: A
 Site Area (Ha): 0.36
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Site Details

Site at 453210, 376380

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Sensitive Land Uses

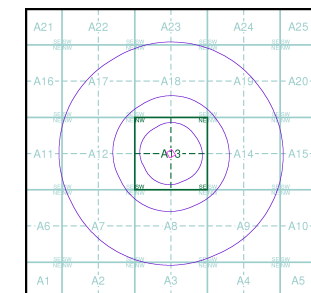
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine 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

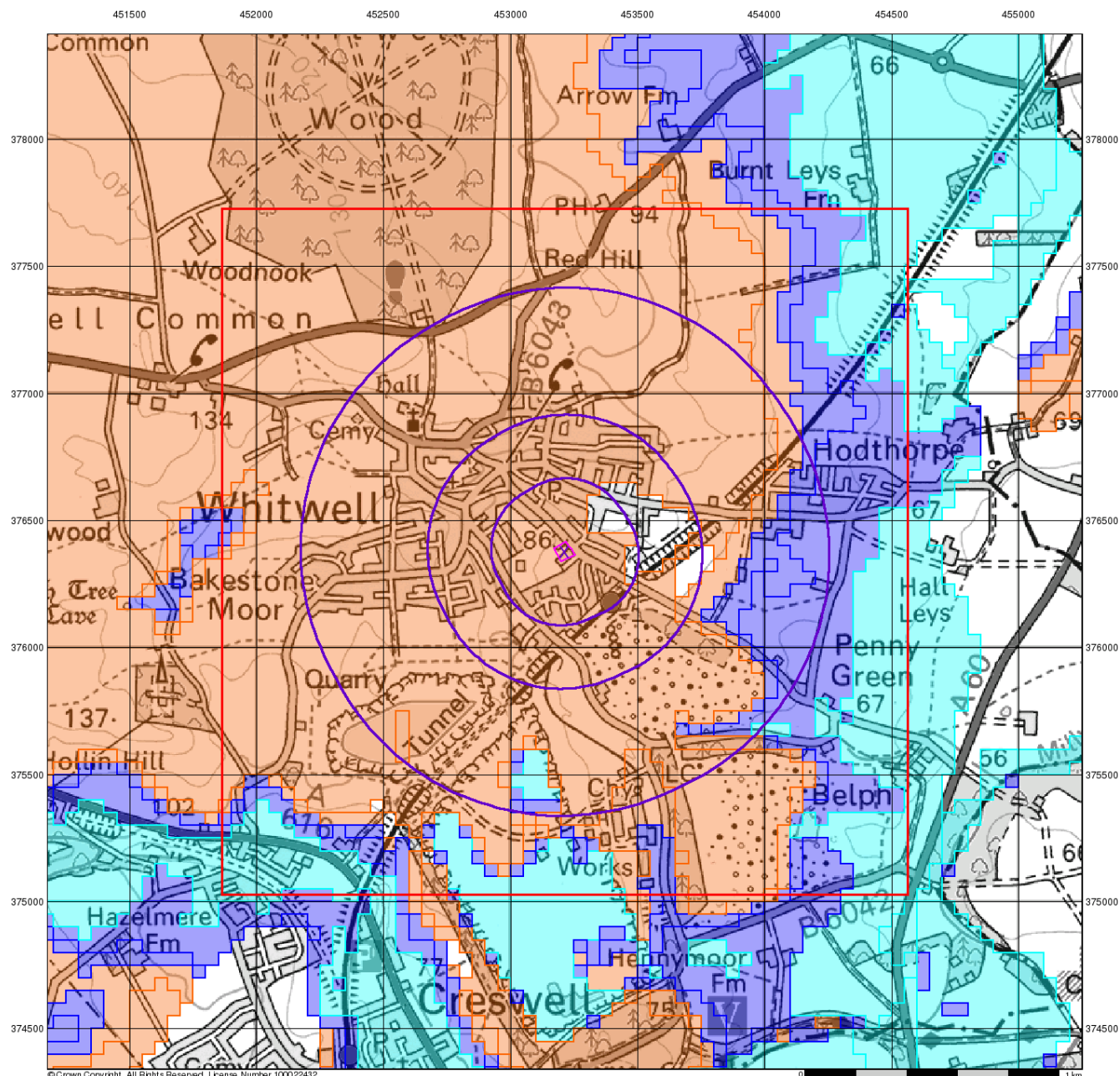
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 Customer Ref: 46003
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 Slice: A
 Site Area (Ha): 0.36
 Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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BGS Flood GFS Data

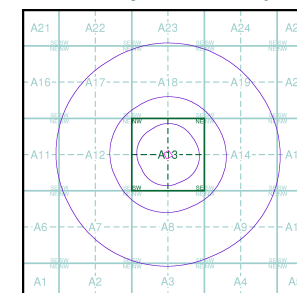
General

- Specified Site
- 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

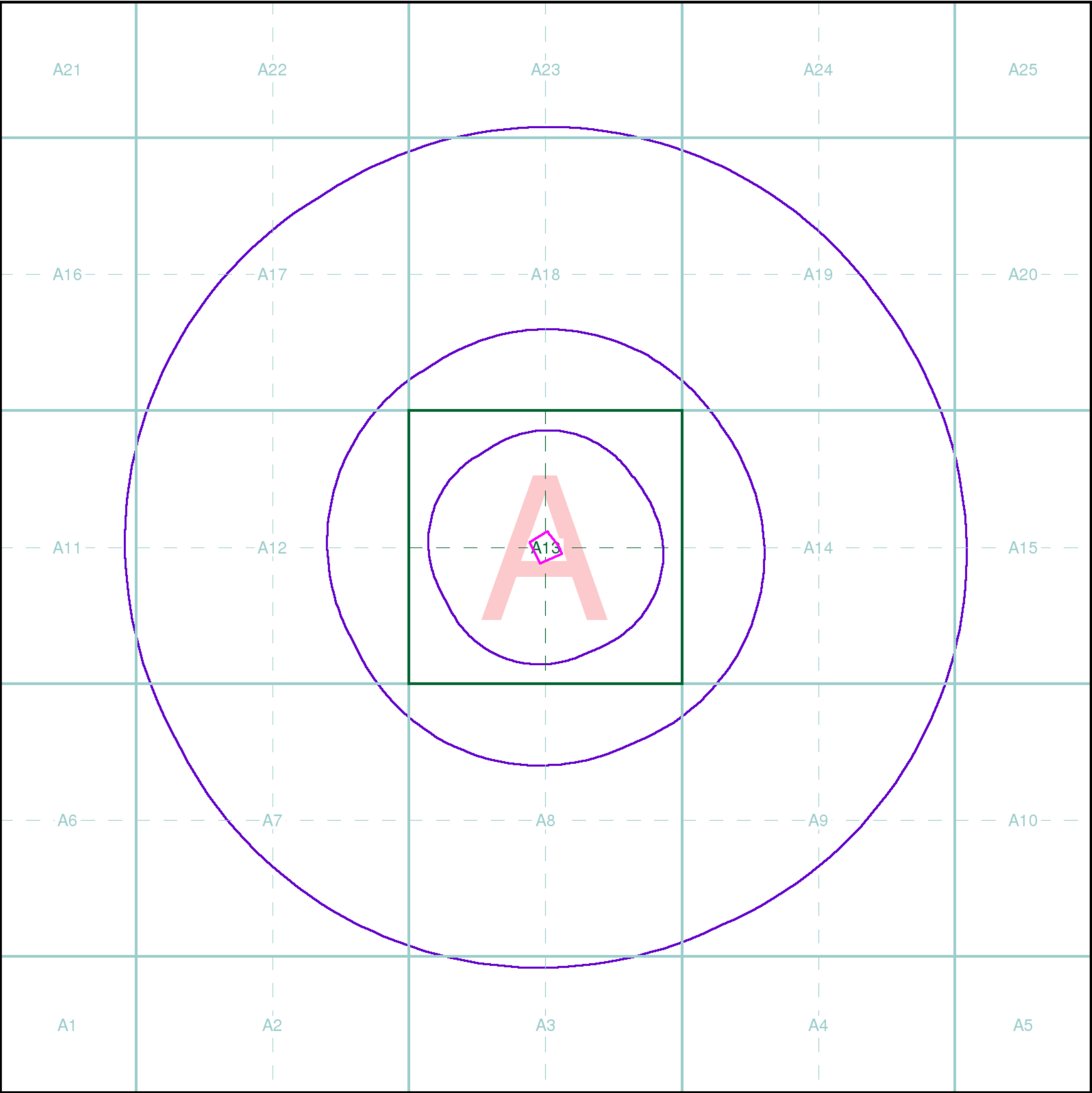
Order Number: 276936040_1_1
 Customer Ref: 46003
 National Grid Reference: 453210, 376380
 Slice: A
 Site Area (Ha): 0.36
 Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Ms K Shore, Eastwood & Partners Ltd, St Andrews House,
23 Kingfield Road, Sheffield, S11 9AS

Order Details

Order Number: 276936040_1_1
Customer Ref: 46003
National Grid Reference: 453210, 376380
Site Area (Ha): 0.36
Search Buffer (m): 1000

Site Details

Site at 453210, 376380

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<http://www.landmarkinfo.co.uk/Terms/Show/515>



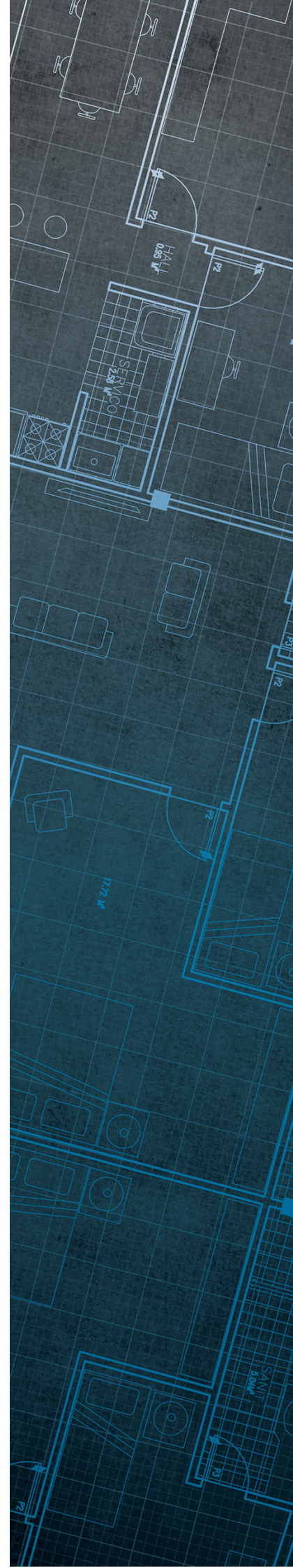
The Coal
Authority

Consultants Coal Mining Report

Station Road
Whitwell
Derbyshire
S80 4NR

Date of enquiry:	19 April 2021
Date enquiry received:	19 April 2021
Issue date:	19 April 2021

Our reference:	51002462952001
Your reference:	46003



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

EASTWOOD & PARTNERS (CONSULTING
ENGINEERS) LTD

Enquiry address

Station Road
Whitwell
Derbyshire
S80 4NR

How to contact us

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

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

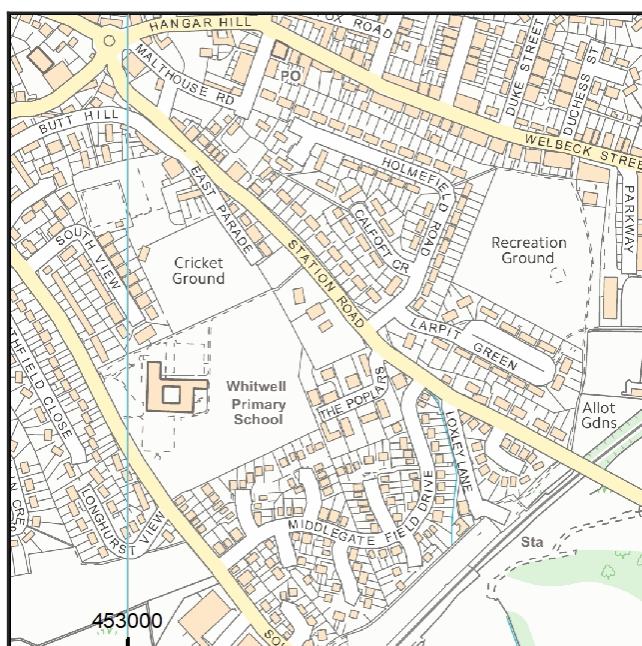
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



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
WHITWELL	CLOWNE	Coal	4TGW	129	Beneath Property	9.2	South	100	1976
WHITWELL	HIGH HAZLES	Coal	4TGY	229	Beneath Property	9.6	North	100	1952
WHITWELL	TOP HARD	Coal	5TH0	333	Beneath Property	9.3	North-East	120	1934

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:

EM111	EM1113	EM1263
EM1264		

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

Distance to tip (m)	Direction
257.8	South-East

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

There are 1 claim(s) within 50 metres of the property boundary that do not match the property address. These are shown on the enquiry boundary plot.

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.

If further subsidence damage claims information is required, please visit www.groundstability.com.

See Section 4 for further information.

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 in an area where notices to withdraw support were given in 1946 and 1982.

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.

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.

Coal mining subsidence

The site is within an area of previous interest. It is close to where the Coal Authority or licensed mine operator has investigated and where necessary remediated issues relating to coal mining subsidence.

The site requires further investigation and may influence your risk assessment. We recommend that you order the appropriate **Coal Authority Subsidence Claims Report**, which will include more information about the hazard.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.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 **call us on 0345 762 6848** or **email us at groundstability@coal.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.

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.

Key

- Approximate position of the enquiry boundary shown
- Coal Authority managed tips
- Coal claim

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The map displays a residential area with numerous streets and buildings. Key features include:

- Streets:** MILL LANE, HILLSIDE CLOSE, JUBILEE, FRANKLIN AVENUE, and others.
- Buildings and Landmarks:** Whitwell Primary School, St John Ambulance Brigade HQ, Recreation Ground, Cricket Ground, and various houses and cottages.
- Infrastructure:** A railway line running diagonally across the bottom right, with a tunnel and several stations (e.g., Whitwell Station, El Sub Sta).
- Highlighted Areas:** A red square labeled 'Green Bank' and a blue square with a diagonal line indicating a 'Coal claim'.
- Grid and Coordinates:** The map is overlaid with a grid. Easting coordinates range from 452400 to 454000, and northing coordinates range from 375800 to 377000.