

EnviroSmart



Phase 1 Contaminated Land Assessment

Site address

Land at Church Fields
Upper South Wraxall
BA15 2SB

Date issued

November 2021

Report status

Final

Grid Reference

383360, 164670

Site Area

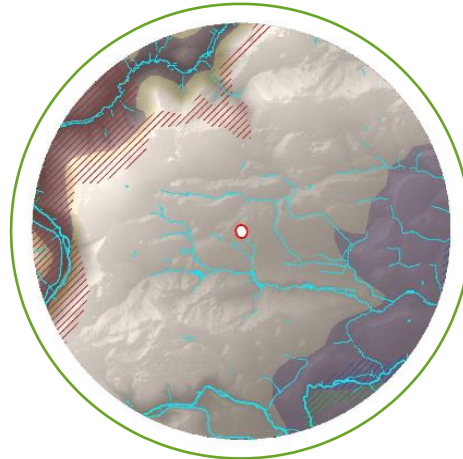
0.06 ha

Report prepared for

The Rural Planning Practice

Report reference

75865R1



Risk – Moderate/low

Given the nature of the historical land use and therefore the potential for contamination to be present at the Site, it is recommended that a proportionate programme of site investigation and monitoring works be undertaken in order to establish the presence or absence of contamination and to enable a quantitative assessment of the associated environmental risks.

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The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contaminated land hazards which may be present at the study site. GeoSmart are providing consultancy and professional opinion based upon our collation, interpretation and assessment of information contained within an Envirocheck report, and other sources where expressly stated (i.e. site visits, photographs, and anecdotal evidence). It is acknowledged that the risk assessment findings are based on documentary sources of information alone.

Site analysis

1. Probability/likelihood of a contaminant hazard at the Site	High likelihood	
	Likely	
	Low likelihood	
	Unlikely	
2. Potential severity/consequence of any impacts	Severe	
	Medium	
	Mild	
	Minor	
3. Overall land quality risks posed by the Site	Very high	
	High	
	Moderate	
	Moderate/low	
	Low	
	Very low	

Summary of existing and proposed development

The Site is currently a vacant former sewage works and domestic garages. Development proposals comprise the construction of a residential dwelling.

Environmental Setting

British Geological Survey mapping indicates the absence of any superficial deposits beneath the Site. The bedrock geology consists of Forest Marble Formation which is classified as a Secondary (A) Aquifer.

The nearest water feature is a pond, located c. 15 m north east of the Site boundary. This pond appears feed and to discharge into a stream which flows to the south.

There are no environmentally sensitive land uses within 500 m of the Site.

Site History

The Site was first developed in 1973 as a sewage works and domestic garages. No further development has been undertaken on-Site. Aerial imagery shows that the Site no longer appeared to be used as a sewage works in 2006 and the domestic garages were demolished in 2021. Off-Site land uses are primarily residential.

Radon

The Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m3).

Coal Mining

The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues.

Summary of Conceptual Site Model (CSM)

Source of Contamination

Potential for inorganic and organic contaminants and asbestos containing material to be present within the subsurface soils and also the potential for elevated methane and carbon dioxide to be present within the sub-surface soils associated with the Sites former use as a sewage works and domestic garages.

Receptors

Human Health, Controlled Water (Groundwater within the underlying bedrock Secondary (A) aquifer; and the nearest surface water feature (a pond) c. 15m north east).

Human Health (pathway)

Dermal contact, ingestion & inhalation of soils & soil dust, consumption of home grown produce, ingress into water supply pipework and subsequent water ingestion, migration of vapours to surface; inhalation indoors, liberation of sub surface ACMs and inhalation of asbestos fibres and lateral and vertical migration into on-Site buildings; potential to cause asphyxiation or an explosion.

Controlled Waters (pathway)

Dissolution into pore water/shallow groundwater and subsequent migration, dissolution into aqueous phase and preferential migration via drainage structures and lateral and vertical groundwater movement via natural or artificial flow paths.

Preliminary Risk Assessment

Overall, the preliminary risk classification of the Site in relation to the proposed redevelopment is considered to be Moderate/Low.

Recommendations / Next Steps

Phase 2 intrusive investigation

Given the nature of the historical land use and therefore the potential for contamination to be present at the Site, it is recommended that a proportionate programme of site investigation and monitoring works be undertaken in order to establish the presence or absence of contamination and to enable a quantitative assessment of the associated environmental risks.

1. Introduction



1.1 Background

The study site (from herein known as 'the Site') is situated at Land at Church Fields in Upper South Wraxall, BA15 2SB. A location plan of the Site is shown in Section 1.5.

GeoSmart was commissioned by The Rural Planning Practice in November 2021 to undertake a Phase 1 Land Quality Assessment for the Site. This report has been requested in order to inform decisions concerning the Site acquisition.

The proposed development is for the construction of a residential dwelling.

The EnviroSmart report has been undertaken by firstly compiling information concerning the Site and the surrounding area, including current and historical land uses, geological records and registered pollution incidents. The information which is gathered is then used to construct a 'conceptual site model', including an understanding of likely contaminant sources, pathways and receptors. Finally, a preliminary assessment of risks posed to identified receptors (i.e., people, buildings or the natural environment) from the anticipated land quality at the Site is performed. The risk assessment methodology is consistent with CIRIA C552 (2001); see Section 3.4 for details.

1.2 Purpose of this report

The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contamination hazards which may be present at the Site.

1.3 Report contents

This report is divided into two sections, as described below:

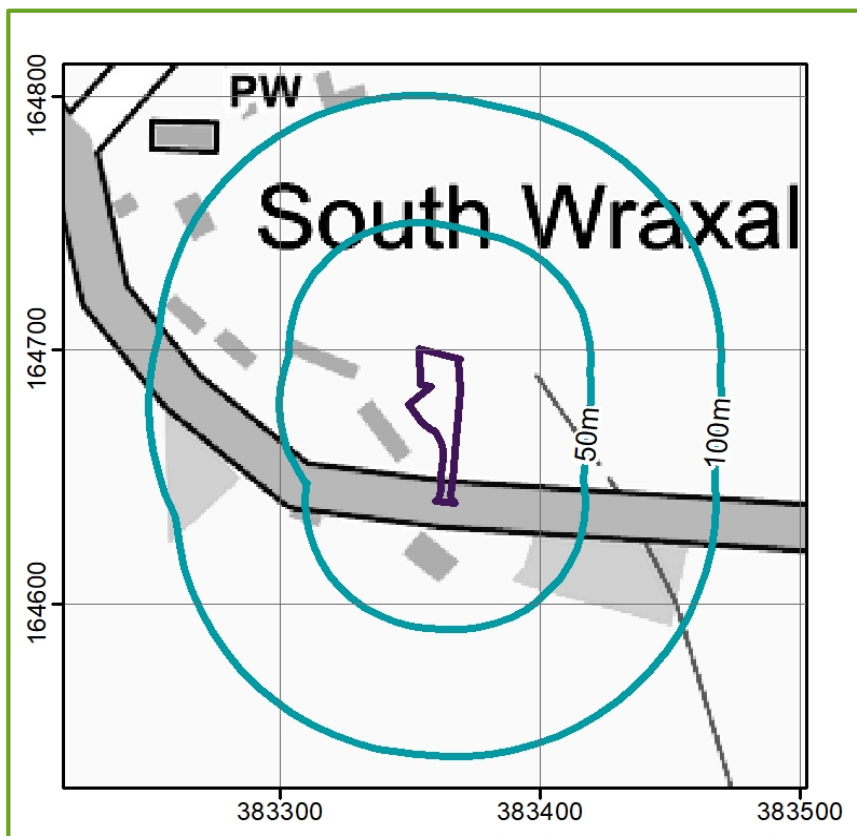
Section	Content	Purpose
Section 2: LAND QUALITY ASSESSMENT	A summary of the site history and environmental setting, the findings of the preliminary risk assessment and associated recommendations	To present a clear and concise overview of the land quality issues facing the Site, including recommendations of how to manage any land contamination which may be present
Section 3: SUPPORTING INFORMATION	A collection of site specific information on which the land quality assessment is based	To provide detailed information in support of the risk assessment; this section also represents a source of reference data for use in any subsequent site works/assessments

1.4 Report limitations

It is noted that the findings presented in this report are largely based on information supplied by third parties. Whilst we assume that all information is representative of past and present conditions we can offer no guarantee as to its validity.

This report excludes consideration of potential hazards arising from any activities at the Site other than normal use and occupancy for the intended land uses. Hazards associated with any other activities have not been assessed and must be subject to a specific risk assessment by the parties responsible for those activities.

1.5 Site location plan



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2. Land quality assessment



2.1 Site details

Site name:	Land at Church Fields	Current land cover:	Majority softstanding (85%) with some hardstanding (15%)
Current use:	Vacant former sewage works and domestic garages		
Proposed use:	Residential with garden	Site area:	0.06 ha

2.2 Conceptual understanding (potential sources of contamination)

 Site history (historical land use taken within 250m radius of the Site boundary)	Date	Description of land use	
		On-Site	Off-Site
	1886	The Site is undeveloped.	There are ponds c. 15 m north east and c. 80 m south west of the Site. There is a vicarage c. 20 m south of the Site.
	1889 - 1961	No apparent change	
	1973	The Site is developed as a sewage works, with circular tanks mapped in the north of the Site and small adjoining structures in the centre.	There has been residential development adjacent to the west of the Site. The pond to the south west is no longer present.
	1977 - 2000	No apparent change	
	2002	Aerial imagery shows no apparent change	
	2006 - 2009	Aerial imagery shows that the tanks in the north of the Site do not seem to be present.	Aerial imagery shows no apparent change
	2013 - 2020	Aerial imagery shows no apparent change	
	2021	Aerial imagery shows the small structures in the centre of the Site are no longer present, with only the base remaining.	Aerial imagery shows no apparent change
Other Information	The client has stated that the small adjoining structures in the centre of the Site were domestic garages.		

POTENTIAL SOURCES OF CONTAMINATION

Source description
The land use history suggests that there is the potential for contamination to have occurred <u>on-Site</u> relating to the following: Sewage Works - Storage of raw materials containing both organic and inorganic matter - Potential for bulk storage of fuels and/or miscellaneous chemicals. <i>Note: given the land use history of the Site there is potential for underground storage tanks or pipelines containing chemical and fuel residues to be present.</i> - Miscellaneous fuel and chemical spills (i.e., fuels used for heating & powering machinery/vehicles, chemicals used in treatment, etc.). - Made Ground associated with former development/demolition activities or waste disposal (e.g. sewage sludge). Domestic Garages - It is likely that small quantities of fuels, oils and/or miscellaneous chemicals are/were stored within the garage structures. - Long term vehicle storage may have resulted in leakage of small quantities of engine oil, fuel, antifreeze, etc. - Made Ground associated with former development/demolition activities. - Asbestos containing materials (ACM) may have been incorporated within the built structures in the past; the disturbance of any such materials may have resulted in asbestos being present within the sub surface surrounding the buildings. The land use history suggests that there is the potential for contamination to have occurred <u>off-Site</u> relating to the following: Potentially infilled pond Made Ground associated with former infilling activities. Any Made Ground/fill materials may contain a variety of inorganic and organic contaminants and could give rise to the generation of bulk gases and also leachate. Despite there being a pond present which maybe have been subsequently infilled, given the small scale of the feature and the time passed since any potential infilling occurred (~48 years), it is considered unlikely that there will be an appreciable gas source which could impact future Site users. Therefore this potential source will not be carried forward into the risk assessment.

LIKELY

PROBABILITY OF CONTAMINATION

2.2 Conceptual understanding (potential sources of contamination)

 Current land use	The Site is currently a vacant former sewage works and domestic garages. There are no known buried storage tanks at the Site. There is no known bulk fuel or chemical storage on Site. Redundant infrastructure associated with the former sewage works is still present on the Site (see photograph 4 in section 3.2).			POTENTIAL SOURCES OF CONTAMINATION	The Site's current use is unlikely to have given rise to significant land contamination.	UNLIKELY																																									
 Neighbouring industrial land uses (see environmental data report in Section 3.3 for full listing)	There are one or more potentially contaminative land uses are located within 250 m of the Site:		The potentially contaminative land uses/activities identified in close vicinity of the Site may pose a contamination hazard to the Site should relevant contaminant pathways exist. Contemporary trade directory entries include: Protolec (inactive) electronic equipment - manufacturers & assemblers c. 25 m south Discharge Consents 1. West Wiltshire District Council c. 150 m west. Effective Date: 31st May 1968. Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company. Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961. 2. B W J Pile c. 250 m south. Effective Date: 30th June 1965. Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company. Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961.		UNLIKELY																																										
	<table><tr><th>Distance from Site</th><th>Number of active industrial land uses</th><th>Number of inactive industrial land uses</th></tr><tr><td>1 - 50 m</td><td>0</td><td>1</td></tr><tr><td>51 - 100m</td><td>0</td><td>0</td></tr><tr><td>101 - 250 m</td><td>0</td><td>0</td></tr></table>	Distance from Site	Number of active industrial land uses		Number of inactive industrial land uses	1 - 50 m	0	1	51 - 100m	0	0	101 - 250 m	0	0																																	
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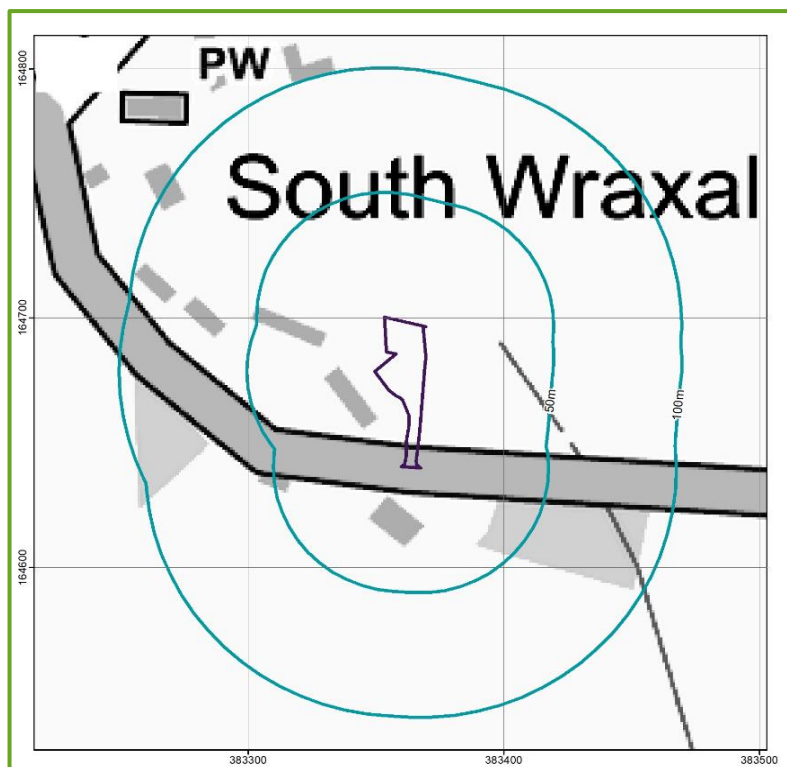
2.2 Conceptual understanding (potential sources of contamination)

 EA recorded pollution incidents (see environmental data report in Section 3.3 for full listing)	No Environment Agency pollution incidents have been recorded within 250 m of the Site.	POTENTIAL SOURCES OF CONTAMINATION	No potential for gross contamination has been identified in relation to any pollution incidents occurring near to the Site.	NEGLECTIBLE	PROBABILITY OF CONTAMINATION
 Landfills / waste sites (taken within 500m radius of the Site boundary, see environmental data report in Section 3.3 for full listing)	There are no Environment Agency listed historical landfills located within 500 m of the Site. There are no registered landfills located within 500 m of the Site. There are no Local Authority listed historical landfills located within 500 m of the Site. The following other waste sites are registered within 500 m of the Site: 0 Records of registered waste transfer sites. 0 Records of registered waste treatment or disposal sites. 0 Records of licenced waste management facilities.		Given the absence of any historical or operational landfills within close proximity of the Site no associated contamination hazards have been identified. Given the absence of any waste treatment, transfer or disposal sites within close proximity of the Site no associated contamination hazards have been identified.	NEGLECTIBLE	
 Radon (see environmental data report in Section 3.3 for full listing)	According to current UK radon mapping the Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m3).		<1% of homes are at or above the UK radon action level (200 Bq/m3).	UNLIKELY	

2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

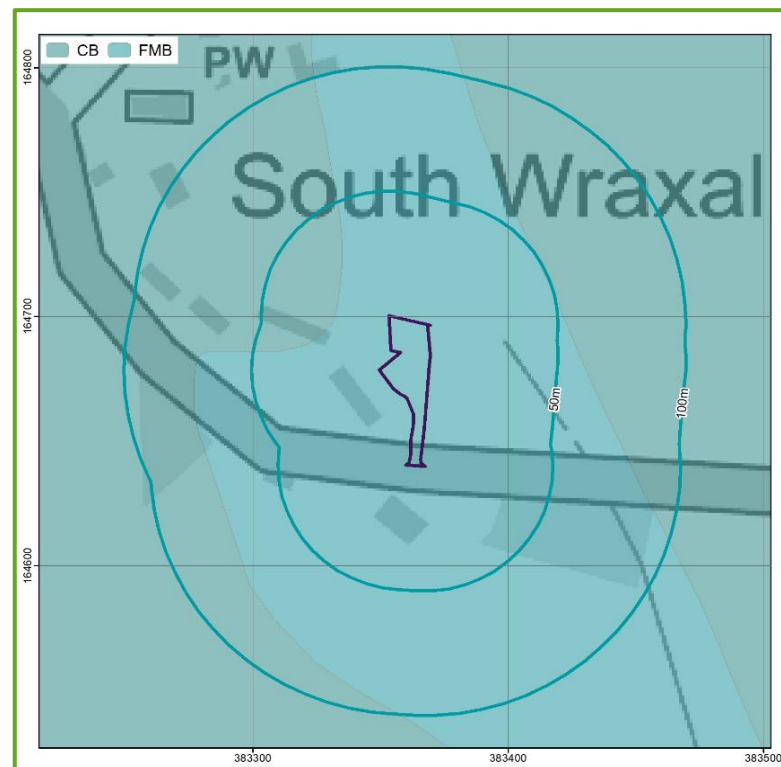
 Geology and Groundwater <i>(see the environmental data report in Section 3.3 for full details)</i>	British Geological Survey mapping indicates the absence of any superficial deposits beneath the Site. British Geological Survey mapping indicates that the bedrock geology consists of Forest Marble Formation (FMB) which comprises of mudstone and is classified as a Secondary (A) Aquifer. The nearest BGS boreholes are located c. 80 m south west of the Site (ST86SW105) and c. 120 m north (ST86SW107) and shows the following geological sequence (Section 3.6): ST86SW105 0 - 0.3m TOPSOIL: Loose dark brown slightly clayey and sandy silt with occasional plant rootlets 0.3 - 2.00 m Firm to stiff brown orange mottled CLAY (Forest Marble) 2.00 - 2.9 m Stiff grey brown mottled thickly laminated CLAY with gypsum crystals (Forest Marble Clay) 2.90 - 3.5 m Stiff grey mottled brown thickly laminated slightly sandy CLAY with occasional thin layers of grey fine grained limestone (5mm) and occasional angular medium to coarse gravel of yellow siltstone (Forest Marble Clay) ST86SW107 0 - 0.5 m TOPSOIL: Loose dark brown slightly sandy silt with occasional plant rootlets. 0.5 - 1.6 m Firm brown grey CLAY with a little gravel of limestone (Forest Marble Clay) 1.6 - 2.2 m Firm to stiff light grey, light brown mottled CLAY with a little fine to medium gravel of limestone (Forest Marble Clay) 2.2 - 3.6 m Stiff grey brown orange mottled slightly sandy CLAY with a little fine gravel of limestone (Forest Marble Clay) 3.6 - 3.7 m Grey fine grained LIMESTONE, moderately weak (Forest Marble). According to the GeoSmart Groundwater Flood Risk (GW5) Map (GeoSmart, 2021). The risk of groundwater flooding at the Site is 'negligible'. The Site lies within an outer groundwater Source Protection Zone (SPZ II). The following groundwater abstraction licences are held within 1 km of the Site: J Svensson general farming and domestic water abstraction located c. 380 m south west of the Site. Wessex Water Services Ltd water supply related: transfer between sources water abstractions are located c. 500 m and c. 520 m south west of the Site.	POTENTIAL RECEPTORS A Secondary (A) Aquifer comprises permeable layers capable of supporting water supply at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. The anticipated presence of low permeability deposits close to the ground surface may offer protection to any potential underlying groundwater from any near surface contamination. We note that the thickness of these deposits beneath the Site itself is not known. Based on the susceptibility of the Site to groundwater flooding, a groundwater flood risk assessment is not considered necessary for the Site. The depth to groundwater beneath the Site is unknown. The presence of one or more groundwater abstraction licences within close proximity of the Site indicates a reasonable groundwater resource potential.	MEDIUM POTENTIAL SEVERITY OF IMPACT
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Superficial Geology and Artificial Deposits (BGS, 2021)



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Contains British Geological Survey materials © NERC 2021

Bedrock Geology (BGS, 2021)



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2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 Geohazards <i>(see the environmental data report in Section 3.3 for full details)</i>	The Site does not lie within a 'Coal Mining Reporting Area'. There are no brine affected areas within 75 m of the Site. No or limited artificial ground / Made Ground is anticipated on Site. There are no natural hazards (with a hazard rating of moderate or above) at or within 50 m of the Site.	POTENTIAL RECEPTORS	The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues. The Site does not lie within an area of former brine working and is therefore unlikely to be affected by related ground stability issues. BGS GeoIndex Onshore mapping does not have any artificial deposits recorded at the Site.	MILD	POTENTIAL SEVERITY OF IMPACT
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2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 Surface water <i>(see the environmental data report in Section 3.3 for full details)</i>	The nearest water feature is a pond, located c. 15 m north east of the Site boundary. This pond appears feed and to discharge into a stream which flows to the south. The Site lies within a Flood Zone 1. There are no surface water abstraction licences within 1 km of the Site.	POTENTIAL RECEPTORS	The relatively close proximity of the identified surface water feature(s) suggests that a potential linkage could occur if any contamination were present on Site. Mobile contamination may potentially enter nearby water features via any shallow groundwater or possibly via preferential flow pathways such as buried services.	MEDIUM	POTENTIAL SEVERITY OF IMPACT
 Environmental designations <i>(see the environmental data report in Section 3.3 for full details)</i>	There are no environmentally sensitive land uses within 500 m of the Site.		No relevant environmentally designated sites/receptors have been identified.	NEGLIGIBLE	
 Human receptors	Proposed residents/users of the Site plus neighbouring residences.		Human receptors are proposed to be present on Site.	SEVERE	

2.4 Regulator perspective

Consultation date	17th November 2021	Wiltshire Council
GeoSmart consultant	Jessica Bayliff	Peter Nobes
Consultation outcome	The council responded to a consultant request, there have been no enquiries about this Site before. The Site is known to have been a sewage works historically.	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site sources								
1	Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the Site's former use as a sewage works and domestic garages, it is considered possible that there is contamination present associated with these land uses which has the potential to impact current and future Site occupants, particularly in garden areas.
2		Consumption of home grown produce	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
3		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
4		Building materials in direct contact with aggressive ground	PROP	Future Site buildings	MILD	LOW LIKELIHOOD	LOW RISK	Given the former uses on the Site, there is potential for aggressive ground conditions to be present.
5		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Forest Marble Formation (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The anticipated presence of low permeability bedrock (mudstone) may offer protection to underlying groundwater from any near surface contamination.
6		Dissolution into pore water/shallow groundwater and subsequent lateral migration	CW	Pond and connecting stream (c. 15 m north east)	MEDIUM	UNLIKELY	LOW RISK	
7		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the close proximity of the nearby surface water feature, it is considered possible that any potential contaminants associated with the Site could impact the surface waters through preferential migration.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
8	Potential for volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the Site's former use as a sewage works and domestic garages, it is considered possible that there is contamination present associated with these land uses which has the potential to impact current and future Site occupants, particularly in garden areas.
9		Consumption of home grown produce	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
10		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
11		Migration of vapours to surface; inhalation indoors	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
12		Migration of vapours to surface; inhalation outdoors	HH		MEDIUM	UNLIKELY	LOW RISK	
13		Building materials in direct contact with aggressive ground	PROP	Future Site buildings	MILD	LOW LIKELIHOOD	LOW RISK	Given the former uses on the Site, there is potential for aggressive ground conditions to be present.
14		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Forest Marble Formation (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The anticipated presence of low permeability bedrock (mudstone) may offer protection to underlying groundwater from any near surface contamination.
15		Dissolution into pore water/shallow groundwater and subsequent migration	CW		MEDIUM	UNLIKELY	LOW RISK	
16		Dissolution into aqueous phase and preferential migration via drainage structures	CW	Pond and connecting stream (c. 15 m north east)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the close proximity of the nearby surface water feature, it is considered possible that any potential contaminants associated with the Site could impact the surface water features through preferential migration.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
17	Potential for asbestos containing materials within the subsurface soils	Liberation of sub surface ACMs and inhalation of asbestos fibres	HH	Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the former developments on-Site, there is potential for asbestos containing materials to have been used which may be present within the underlying soils.
18	Potential for dissolved phase contaminants to be present within shallow groundwater	Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Forest Marble Formation (a Secondary (A) Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The anticipated presence of low permeability bedrock (mudstone) may offer protection to underlying groundwater from any near surface contamination.
19		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Pond and connecting stream (c. 15 m north east)	MEDIUM	UNLIKELY	LOW RISK	
20	Potential for elevated methane to be present within the sub-surface soils	Lateral and vertical migration into on-Site buildings; potential to cause an explosion	HH	On-Site properties and their occupants	SEVERE	UNLIKELY	MODERATE/LOW RISK	Based on the prevailing conceptual understanding, with the small scale of the sewage works with no known infilling an appreciable gas source is considered unlikely. The risk classification is a reflection of the severity of consequences rather than the likelihood of occurrence.
21		Lateral migration towards off-Site buildings; potential to cause an explosion	HH	Off-Site properties and their occupants	SEVERE	UNLIKELY	MODERATE/LOW RISK	
22	Potential for elevated carbon dioxide to be present within the subsurface soils	Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation	HH	Occupants of on-Site buildings	SEVERE	UNLIKELY	MODERATE/LOW RISK	
23		Lateral migration towards off-Site buildings; potential to cause asphyxiation	HH	Occupants of off-Site buildings	SEVERE	UNLIKELY	MODERATE/LOW RISK	
24	Potential for radon within the subsurface	Lateral migration towards on-Site buildings; potential to cause long term health effects	HH	Occupants of on-Site buildings	MEDIUM	UNLIKELY	LOW RISK	The Site lies in an area where <1% of homes are at or above the UK radon action level (200 Bq/m3).
OVERALL RISK RATING							MODERATE/LOW RISK	

2.6 Next Steps

	Phase 2 intrusive investigation		Given the nature of the historical land use and therefore the potential for contamination to be present at the Site, it is recommended that a proportionate programme of site investigation and monitoring works be undertaken in order to establish the presence or absence of contamination and to enable a quantitative assessment of the associated environmental risks. Further advice: Please contact info@geosmartinfo.co.uk for further information regarding the need for a Phase 2 investigation. For information on reputable site investigation companies, enquiries can be made directly to your local authority or via www.endsdirectory.com
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3. Supporting Information



The following supporting information is contained in this section:

Section	Content
3.1	Referenced materials used in the EnviroSmart reporting
3.2	Site photographs
3.3	Published environmental data records (Landmark Envirocheck report Land at Church Fields, Upper South Wraxall, BA15 2SB. REF: 287854663_1_1) including: • Aerial photographs and site map • Environmental permits, incidents and registers • Landfill and other waste sites • Current land use information • Geology • Hydrogeology and hydrology • Flooding • Designated environmentally sensitive sites • Other environmental factors
3.4	Risk assessment methodology
3.5	Historical land use maps
3.6	BGS Borehole Records

Disclaimer

This report has been prepared by GeoSmart in its professional capacity as soil and water specialists, with reasonable skill, care and diligence within the agreed scope and terms of contract and taking account of the manpower and resources devoted to it by agreement with its client, and is provided by GeoSmart solely for the internal use of its client.

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Tel: 01743 298100

Email: info@geosmartinfo.co.uk

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The Search Code

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- promotes the best practice and quality standards within the industry for the benefit of consumers and property professionals
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- display the Search Code logo prominently on their search reports
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- monitor their compliance with the Code

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TPOs contact details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP
Tel: 01722 333306
Fax: 01722 332296
Email: admin@tpos.co.uk

You can get more information about the PCCB from www.propertycodes.org.uk

Please ask your search provider if you would like a copy of the search code

Complaints procedure

GeoSmart Information Limited is registered with the Property Codes Compliance Board as a subscriber to the Search Code. A key commitment under the Code is that firms will handle any complaints both speedily and fairly. If you want to make a complaint, we will:

- Acknowledge it within 5 working days of receipt.
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time.
- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: admin@tpos.co.uk.

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision. Complaints should be sent to:

Alan White
Operations Manager
GeoSmart Information Limited
Suite 9-11, 1st Floor
Old Bank Buildings, Bellstone
Shrewsbury
SY1 1HU

Tel: 01743 298100
alanwhite@geosmartinfo.co.uk

3.1 References

The following references were used to inform the conceptual site model and preliminary risk assessment:

British Geological Survey, 2021a. Geology of Britain viewer (<http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html>)

British Geological Survey, 2021b. GeoIndex Onshore (<http://mapapps2.bgs.ac.uk/geoindex/home.html>)

British Standards Institute, 2011. Investigation of potentially contaminated sites – code of practice. BS10175:2011+A1:2013.

CIRIA, 2001. Contaminated land risk assessment. A guide to good practice. Publication C552. CIRIA London. ISBN 0-86017-552 9

Environment Agency, 2020. Land Contamination Risk Management (LCRM)

GeoSmart Information Limited, 2021. National Groundwater Flood Risk Map (GW5)

Health Protection Agency, 2000. Spring 2000 Newsletter featuring; Radon: Guidance on Protective Measures for New Dwellings (BR 211).

Landmark, 2021. Landmark Envirocheck report Land at Church Fields, Upper South Wraxall, BA15 2SB. REF: 287854663_1_1

3.2 Site photographs

Photograph 1: View of the Site, facing south



Photograph 2: View of the Site facing north, showing the area of the former garages



Photograph 3: View of the area of the former garages



Photograph 4: View facing north west of the area of the former sewage works in the north of the Site.



3.3 Environmental data report

Readily available environmental information relating to the Site and its surrounding area has been provided by Landmark.

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

287854663_1_1

Customer Reference:

75865

National Grid Reference:

383360, 164670

Slice:

A

Site Area (Ha):

0.06

Search Buffer (m):

1000

Site Details:

Land at Church Fields

Upper South Wraxall

BA15 2SB

Client Details:

Ms J Bayliff

Geo Smart Information Limited

Suite 9-11, 1st Floor

Old Bank Buildings

Bellstone

Shrewsbury

Shropshire

SY1 1HU

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Geological	15
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Sensitive Land Use	17
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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		2	4	13
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6			1	3 (*4)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 8	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 8	2			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 8		4	10	25

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 14				1
Historical Landfill Sites	pg 14				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 14	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 14				1
Registered Landfill Sites					
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					
Geological					
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			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 15	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 15		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 16		1	3	
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 17	1			
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
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	A13NE (E)	31	1	383400 164671
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	93	1	383450 164600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	161	1	383500 164550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	168	1	383500 164800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	233	1	383500 164450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	300	1	383361 165000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	315	1	383450 165000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	347	1	383300 164300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	373	1	383600 164350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	426	1	383050 164350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	443	1	383650 164300
1	Discharge Consents Operator: West Wiltshire District Council Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Churchfields, South Wraxall, Bradford On Avon, Wilts Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 021277 Permit Version: 1 Effective Date: 31st May 1968 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Wraxall Brook (Avon) Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m	A13NW (W)	152	2	383200 164700
2	Discharge Consents Operator: B W J Pile Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Misons Farm, South Wraxall, Bradford On Avon Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 021154 Permit Version: 1 Effective Date: 30th June 1965 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of River Bristol Avon Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m	A13SW (S)	249	2	383300 164400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: B W J Pile Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Misons Farm, South Wraxall, Bradford On Avon Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 021155 Permit Version: 1 Effective Date: 30th June 1965 Issued Date: Not Supplied Revocation Date: 26th July 1995 Discharge Type: Trade Discharge - Agricultural And Surface Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6) Positional Accuracy: Located by supplier to within 100m	A13SW (S)	254	2	383300 164395
3	Discharge Consents Operator: West Wiltshire District Council Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Lower South Wraxall Nos 35 A/B, Bradford On Avon, Wilts Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 021278 Permit Version: 1 Effective Date: 31st May 1968 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Wraxall Brook (Avon) Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m	A13SW (W)	262	2	383100 164600
4	Discharge Consents Operator: Mr P And Mrs S Ford Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Plot 3, The Orchard, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rx Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 012016 Permit Version: 1 Effective Date: 7th October 1992 Issued Date: 12th October 1992 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The Chalfield Brook Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	294	2	383520 164390
5	Discharge Consents Operator: Mr E J Johnson Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 27a Ivy Lane, Lower South Wraxall, Bradford On Avon, Wiltshire Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 010248 Permit Version: 1 Effective Date: 13th October 1986 Issued Date: Not Supplied Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8NW (S)	402	2	383270 164250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Mr & Mrs W Parker Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: South Wraxall Lodge, Bradford-On-Avon, Wilts Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 012053 Permit Version: 1 Effective Date: 14th December 1992 Issued Date: 16th December 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 100m	A8NW (S)	521	2	383350 164120
7	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102755 Permit Version: 3 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 31st December 2016 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Chalfield Brook(S) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	717	2	383620 163970
7	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102755 Permit Version: 3 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 31st December 2016 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Chalfield Brook(S) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	717	2	383620 163970
7	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102755 Permit Version: 2 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Chalfield Brook(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	717	2	383620 163970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102755 Permit Version: 2 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Chalfield Brook(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	717	2	383620 163970
7	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102755 Permit Version: 1 Effective Date: 24th December 2004 Issued Date: 24th December 2004 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Chalfield Brook(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	717	2	383620 163970
7	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102755 Permit Version: 1 Effective Date: 24th December 2004 Issued Date: 24th December 2004 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Chalfield Brook(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	717	2	383620 163970
7	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 100984 Permit Version: 1 Effective Date: 31st March 2001 Issued Date: 17th February 2000 Revocation Date: 23rd December 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: (S) Charfield Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A8SE (S)	721	2	383618 163965

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 100984 Permit Version: 1 Effective Date: 31st March 2001 Issued Date: 17th February 2000 Revocation Date: 23rd December 2004 Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: (S) Charfield Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8SE (S)	721	2	383618 163965
7	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102755 Permit Version: 4 Effective Date: 1st January 2017 Issued Date: 30th December 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Chalfield Brook(S) Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8SE (S)	722	2	383620 163965
7	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: South Wraxall Stw, Lower South Wraxall, Bradford-On-Avon, Wiltshire, Ba15 2rr Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102755 Permit Version: 4 Effective Date: 1st January 2017 Issued Date: 30th December 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Chalfield Brook(S) Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8SE (S)	722	2	383620 163965
8	Discharge Consents Operator: Mr A Maclean Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Manor Farm (South Wraxall), South Wraxall, Bradford On Avon, Wilts Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 020965 Permit Version: 1 Effective Date: 1st February 1969 Issued Date: Not Supplied Revocation Date: 27th September 1994 Discharge Type: Trade Discharge - Agricultural And Surface Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m	A18NE (N)	814	2	383500 165500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Mr M W Walker Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Plots 1 & 2 Home Farm, South Wraxall, Bradford On Avon, Wilts Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 012203 Permit Version: 1 Effective Date: 21st April 1993 Issued Date: 28th April 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: South Wraxall Stream Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	948	2	383590 163720
	Nearest Surface Water Feature	A13NE (NE)	14	-	383381 164698
10	Water Abstractions Operator: J Svensson Licence Number: 17/53/001/G/253 Permit Version: 100 Location: Bradford-On-Avon Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	377	2	383200 164300
11	Water Abstractions Operator: Wessex Water Services Ltd Licence Number: 17/53/001/G/405 Permit Version: 102 Location: South Wraxall Boreholes Authority: Environment Agency, South West Region Abstraction: Water Supply Related: Transfer Between Sources Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: South Wraxall Boreholes Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 16th January 2020 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	502	2	382900 164441
11	Water Abstractions Operator: Wessex Water Services Ltd Licence Number: 17/53/001/G/405 Permit Version: 101 Location: South Wraxall Boreholes Authority: Environment Agency, South West Region Abstraction: Water Supply Related: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: South Wraxall Boreholes Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	520	2	382900 164400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Water Abstractions Operator: Wessex Water Services Ltd Licence Number: 17/53/001/G/405 Permit Version: 100 Location: South Wraxall Boreholes Authority: Environment Agency, South West Region Abstraction: Water Supply Related: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: South Wraxall Boreholes Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th November 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	520	2	382900 164400
	Water Abstractions Operator: J A Pope & Son Licence Number: 17/53/001/G/035 Permit Version: 100 Location: Borehole Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SE (NW)	1455	2	382700 166000
	Water Abstractions Operator: J A James & Son Licence Number: 17/53/001/S/448 Permit Version: 100 Location: Unnamed Trib / Chalfield Brook Authority: Environment Agency, South West Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Chalfield; Brook Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NE (SW)	1458	2	382340 163600
	Water Abstractions Operator: J A James & Son Licence Number: 17/53/001/G/267 Permit Version: 100 Location: Borehole Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	1558	2	382300 163500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J A James & Son Licence Number: 17/53/001/G/267 Permit Version: 100 Location: Borehole Authority: Environment Agency, South West Region Abstraction: Golf Courses: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	1561	2	382300 163495
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NE (NE)	0	3	383361 164671
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	A13NE (NE)	0	3	383361 164671
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (NE)	0	3	383361 164671
	Superficial Aquifer Designations No Data Available				
12	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13NE (NE)	0	2	383361 164671
13	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13NE (NE)	0	2	383361 164671
	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				
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13NE (NE)	22	4	383389 164702

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13NE (NE)	22	4	383394 164696
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 823.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13NE (NE)	30	4	383398 164690
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13NW (N)	113	4	383345 164812
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SW (SW)	334	4	383199 164349
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SW (SW)	338	4	383168 164364
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	349	4	383245 164312
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	349	4	383243 164312
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SW (SW)	354	4	383114 164387
23	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SW (SW)	370	4	383089 164389

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SW (SW)	376	4	383077 164394
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	443	4	383354 164198
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 248.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NE (S)	472	4	383400 164170
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12SE (SW)	479	4	382925 164441
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12SE (W)	522	4	382845 164544
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12SE (W)	556	4	382816 164526
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12SE (W)	638	4	382717 164600
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12SE (W)	640	4	382715 164600
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 348.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NE (S)	660	4	383591 164020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18NW (N)	702	4	383242 165393
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2866.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18NE (N)	710	4	383540 165386
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18NE (N)	807	4	383446 165501
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18NE (N)	843	4	383418 165541
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 368.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18NE (N)	853	4	383362 165553
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 330.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18NW (N)	907	4	383081 165565
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17NE (NW)	937	4	382790 165449
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17NE (NW)	938	4	382785 165446
41	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	940	4	383581 163726

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A8SE (S)	942	4	383586 163725
43	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A8SE (S)	942	4	383584 163724
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17NE (NW)	942	4	382766 165436
45	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 29.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	943	4	383581 163722
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17NE (NW)	944	4	382755 165430
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17NE (NW)	945	4	382753 165429
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17NE (NW)	948	4	382744 165426
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1019.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SW (S)	957	4	383120 163716
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 923.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17NE (NW)	963	4	382721 165426

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	973	4	383591 163694
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	976	4	383595 163692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	BGS Recorded Landfill Sites Site Name: Field at Orchard Farm Location: SOUTH WRAXALL, Wilts Authority: British Geological Survey, National Geoscience Information Service Ground Water: No threat to ground water Surface Water: Threat to surface water Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A7NE (SW)	659	-	382779 164331
54	Historical Landfill Sites Licence Holder: Not Supplied Location: South Wraxall, Wiltshire Name: Adams Bros Field at Orchards Farm Operator Location: Orchard Farm, South Wraxall Boundary Accuracy: As Supplied Provider Reference: EAHLD32238 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 223 Other Ref: Not Supplied	A7NE (SW)	658	2	382780 164329
	Local Authority Landfill Coverage Name: Wiltshire County Council - Has supplied landfill data		0	6	383361 164671
	Local Authority Landfill Coverage Name: West Wiltshire District Council - Has no landfill data to supply		0	5	383361 164671
55	Local Authority Recorded Landfill Sites Location: Fileds At Orchard Farm , South Wraxall Reference: Not Supplied Authority: Wiltshire County Council (now part of Wiltshire Council) Last Reported Not Supplied Status: Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A7NW (SW)	966	6	382500 164200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Great Oolite Group	A13NE (NE)	0	1	383361 164671
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	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	A13NE (NE)	0	1	383361 164671
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	383361 164671
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	383361 164671
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	21	1	383331 164697
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	383361 164671
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	383361 164671
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	383361 164671
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	21	1	383331 164697
	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	A13NE (NE)	0	1	383361 164671
	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	A13NE (NE)	0	1	383361 164671

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	Contemporary Trade Directory Entries Name: Prototec Location: The Old Vicarage, Upper South Wraxall, Bradford-on-Avon, Wiltshire, BA15 2SB Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	25	-	383359 164616
57	Contemporary Trade Directory Entries Name: Bridge Street Motor Co Location: Wildcross, South Wraxall, Bradford On Avon, Wiltshire, BA15 2RL Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (E)	343	-	383710 164650
58	Contemporary Trade Directory Entries Name: South Wraxall Garage Location: Wildcross, South Wraxall, Bradford-on-Avon, Wiltshire, BA15 2RL Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	359	-	383718 164570
58	Contemporary Trade Directory Entries Name: Wildcross Motor Co Location: Wildcross, South Wraxall, Bradford-on-Avon, Wiltshire, BA15 2RL Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	378	-	383731 164542

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Areas of Adopted Green Belt Authority: Wiltshire Council, Planning Department Plan Name: Proposal Map Status: Adopted Plan Date: 20th January 2015	A13NE (NE)	0	8	383361 164671

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bath and North East Somerset Council - Environmental Health Department West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department Environment Agency - Head Office North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services Wiltshire Council - Environmental Health Department	January 2020 June 2008 June 2020 May 2008 October 2017	Annual Rolling Update Not Applicable Annually Annually
Discharge Consents Environment Agency - South West Region	July 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region	March 2013	
Integrated Pollution Controls Environment Agency - South West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - South West Region	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control Bath and North East Somerset Council - Environmental Health Department West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department Wiltshire Council - Environmental Health Department North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services	February 2015 July 2008 July 2015 September 2008	Variable Not Applicable Variable Not Applicable
Local Authority Pollution Prevention and Controls Bath and North East Somerset Council - Environmental Health Department West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department Wiltshire Council - Environmental Health Department North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services	February 2015 July 2008 July 2015 September 2008	Not Applicable Not Applicable Annually Not Applicable
Local Authority Pollution Prevention and Control Enforcements Bath and North East Somerset Council - Environmental Health Department West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department Wiltshire Council - Environmental Health Department North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services	February 2015 July 2008 July 2015 September 2008	Variable Not Applicable Variable Not Applicable
Nearest Surface Water Feature Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters Environment Agency - South West Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - South West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - South West Region	March 2013	
Registered Radioactive Substances Environment Agency - South West Region	June 2016	Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	July 2021 July 2021	Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - South West Region	July 2021	Quarterly
Water Industry Act Referrals Environment Agency - South West 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	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2021	Quarterly
Flood Defences Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
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	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	October 2021 October 2021	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	July 2021 July 2021	Quarterly Quarterly
Local Authority Landfill Coverage Bath and North East Somerset Council - Planning Services Department North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department Wiltshire County Council (now part of Wiltshire Council)	February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bath and North East Somerset Council - Planning Services Department North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department Wiltshire County Council (now part of Wiltshire Council)	October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	June 2015 June 2015	
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	August 2001	
Planning Hazardous Substance Enforcements Wiltshire County Council (now part of Wiltshire Council) Bath and North East Somerset Council - Economic and Environmental Development Wiltshire Council - Planning Department North Wiltshire District Council (now part of Wiltshire Council) West Wiltshire District Council (now part of Wiltshire Council)	December 2008 February 2016 February 2016 June 2009 September 2009	Annual Rolling Update Variable Variable Not Applicable Not Applicable
Planning Hazardous Substance Consents Wiltshire County Council (now part of Wiltshire Council) Bath and North East Somerset Council - Economic and Environmental Development Wiltshire Council - Planning Department North Wiltshire District Council (now part of Wiltshire Council) West Wiltshire District Council (now part of Wiltshire Council)	December 2008 February 2016 February 2016 June 2009 September 2009	Annual Rolling Update Variable Variable Not Applicable Not Applicable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	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	October 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines National Grid	October 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually

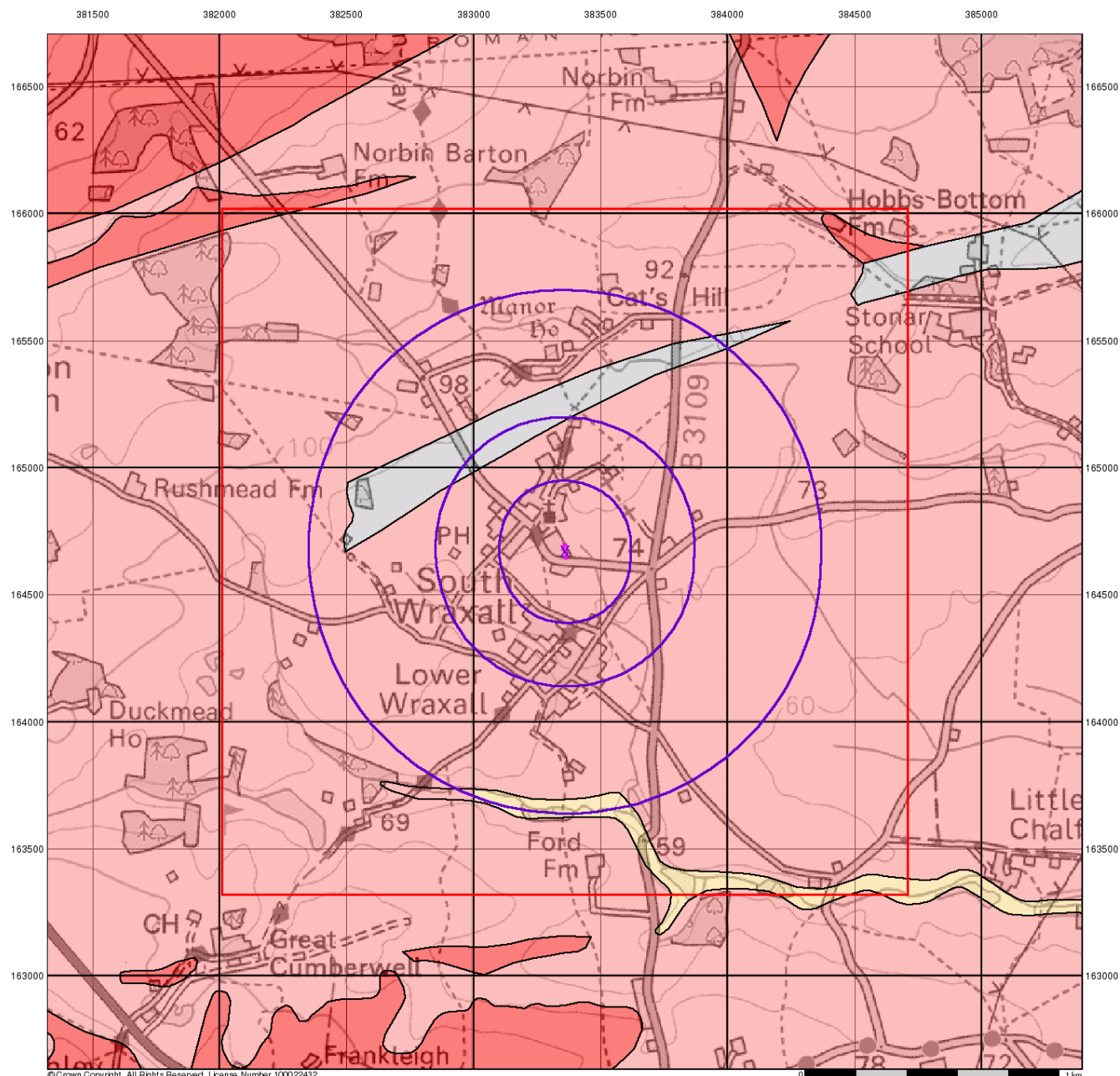
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bath and North East Somerset Council North Wiltshire District Council (now part of Wiltshire Council) West Wiltshire District Council (now part of Wiltshire Council) Wiltshire Council - Planning Department	October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bath and North East Somerset Council North Wiltshire District Council (now part of Wiltshire Council) West Wiltshire District Council (now part of Wiltshire Council) Wiltshire Council - Planning Department	October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly
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	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	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	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department County Hall, Bythesea Road, Trowbridge, Wiltshire, BA14 8JN	Telephone: 0300 456 0100 Website: www.wiltshire.gov.uk
6	Wiltshire County Council (now part of Wiltshire Council) County Hall, Bythesea Road, Trowbridge, Wiltshire, BA14 8JN	Telephone: 01225 713000 Email: communications@wiltshire.gov.uk Website: www.wiltshire.gov.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	Wiltshire Council - Planning Department County Hall, Bythesea Road, Trowbridge, Wiltshire, BA14 8JN	Telephone: 01225 713000 Email: customerservices@wiltshire.gov.uk Website: www.wiltshire.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited 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

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



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Groundwater Vulnerability

General

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

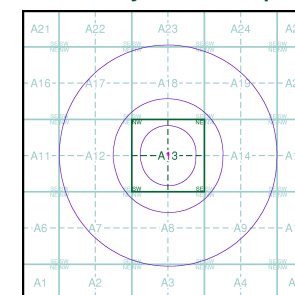
Superficial Aquifers

- 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

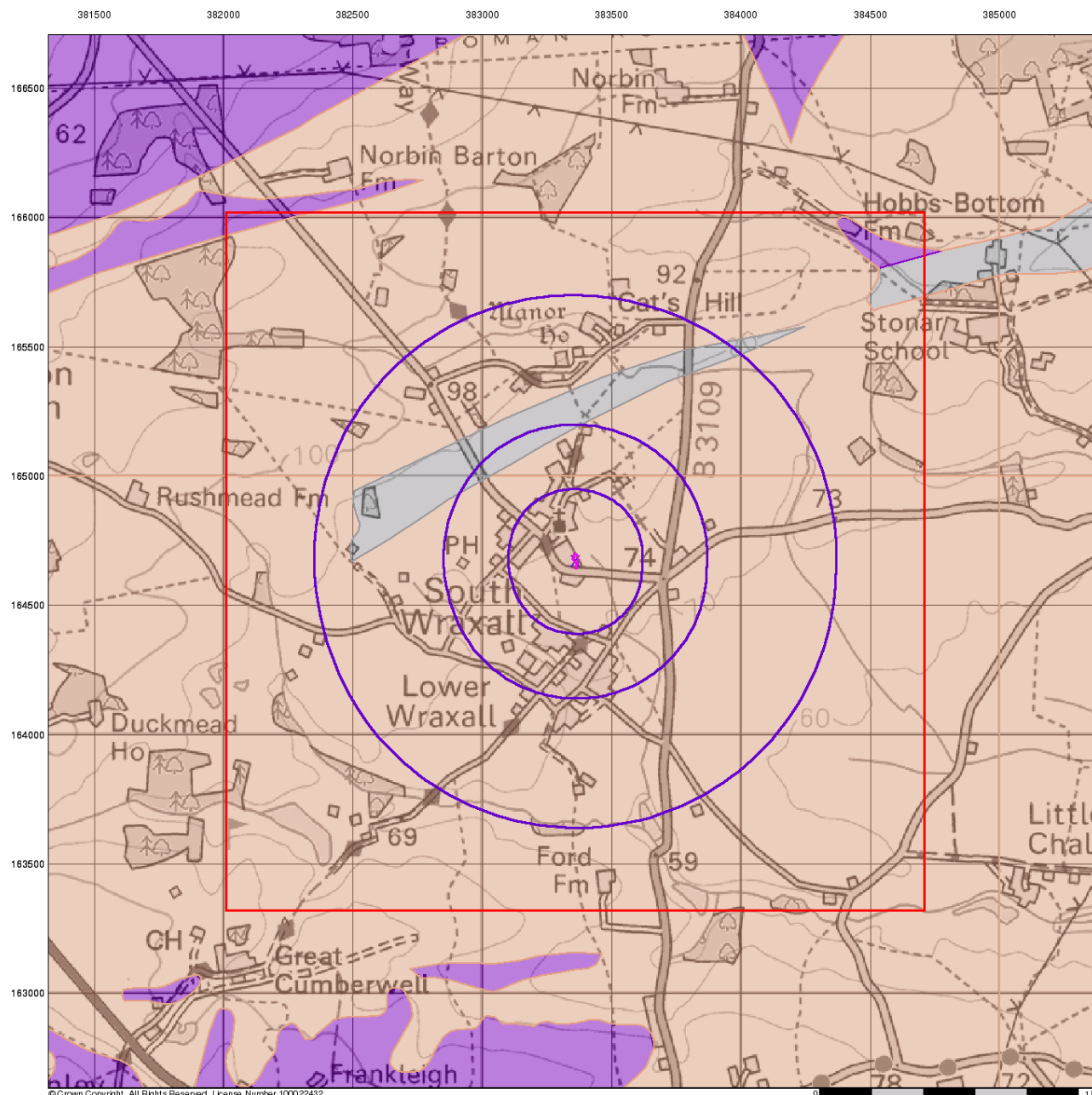


Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



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0 1 km

Bedrock Aquifer Designation

General

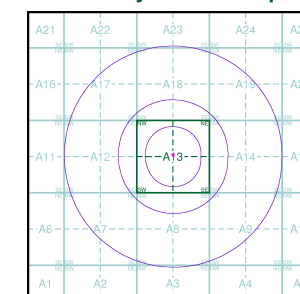
- X Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice □ Map ID

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

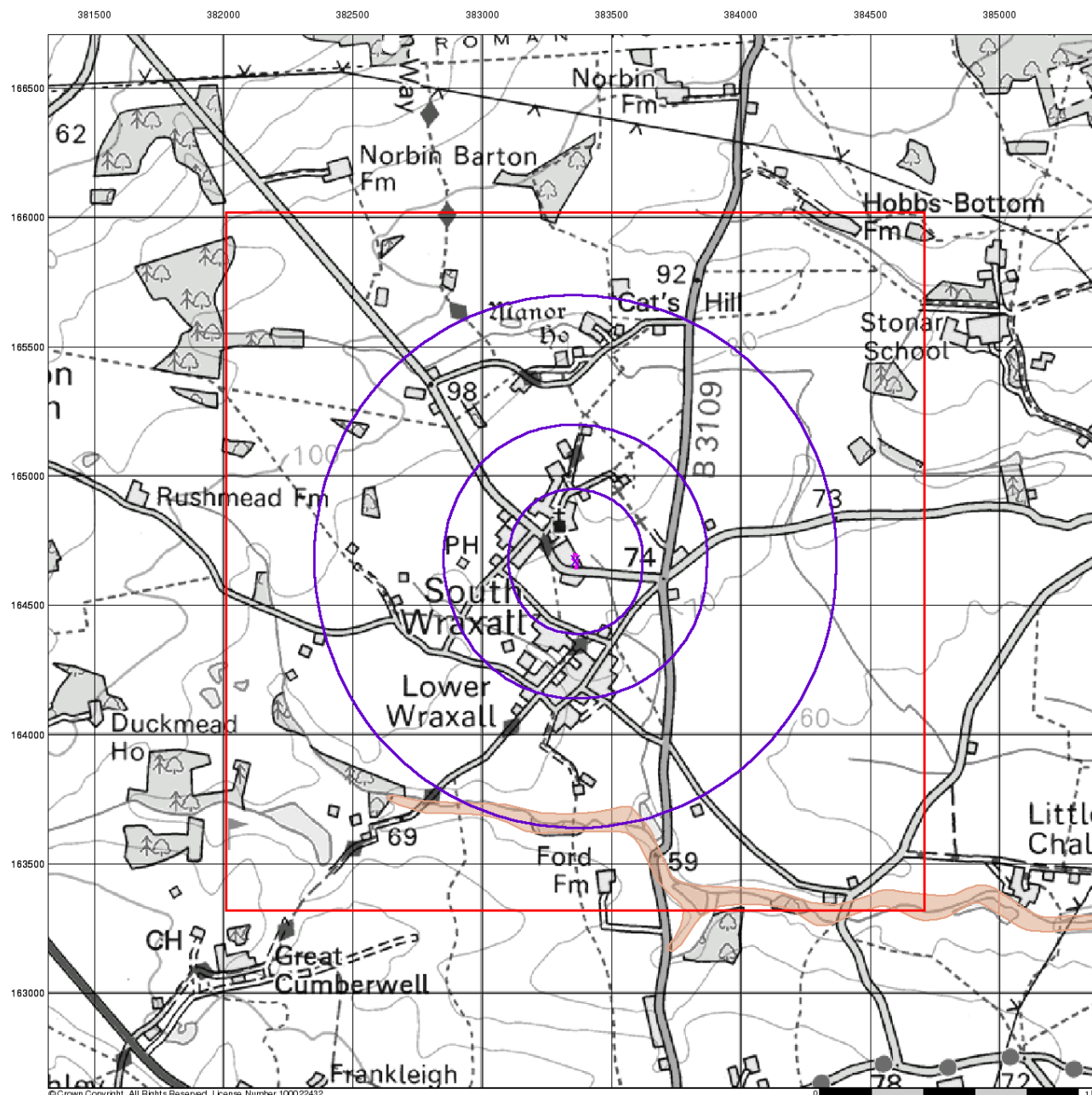


Order Details

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 Customer Ref: 75865
 National Grid Reference: 383360, 164670
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

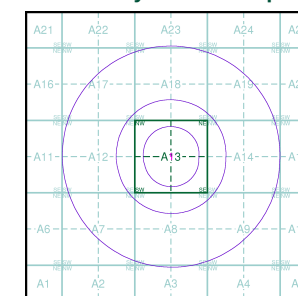
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

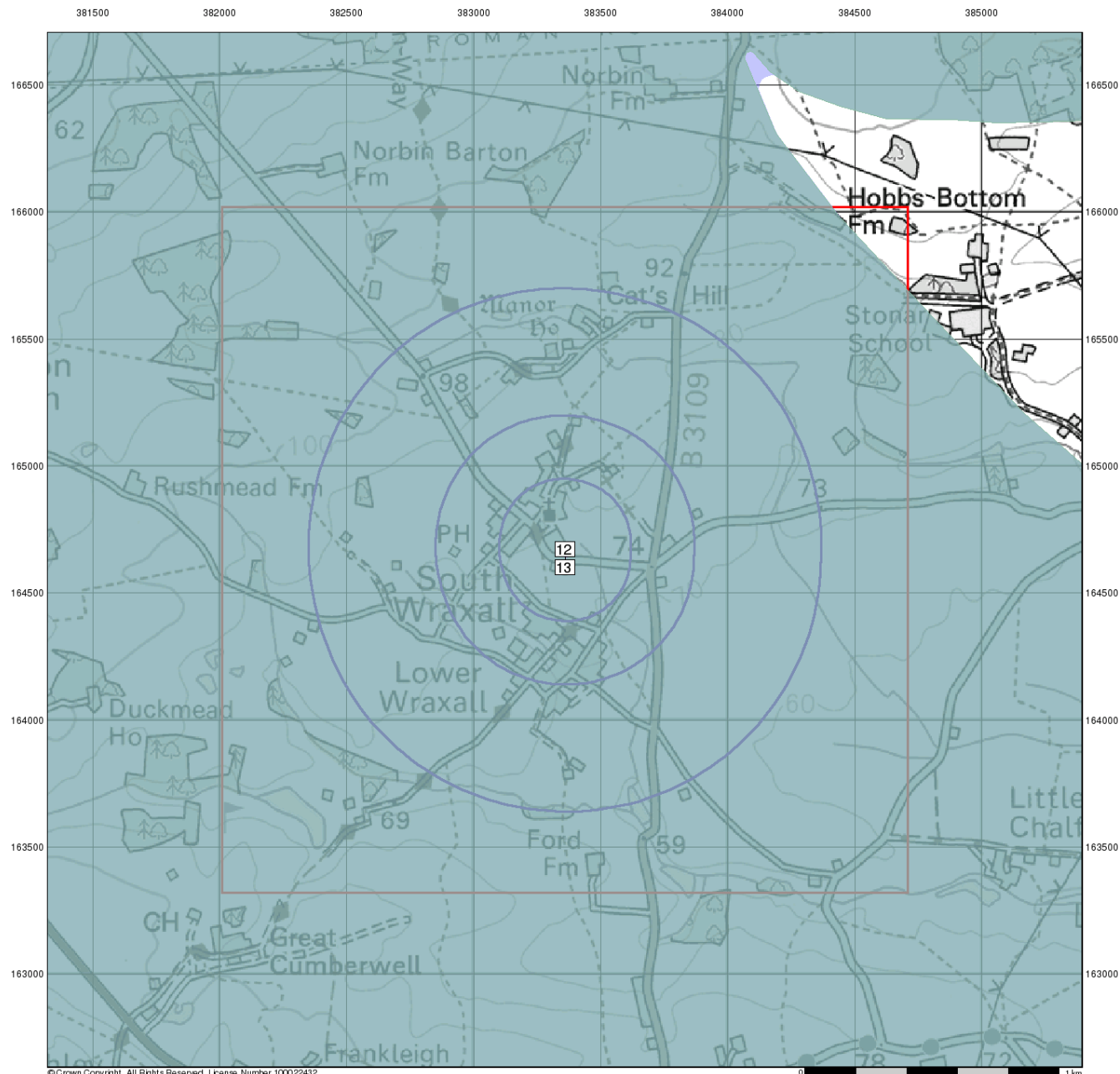


Order Details

Order Number: 287854663_1_1
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 Slice: A
 Site Area (Ha): 0.06
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Site Details

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0 1 km



Source Protection Zones

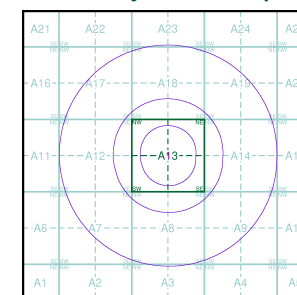
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

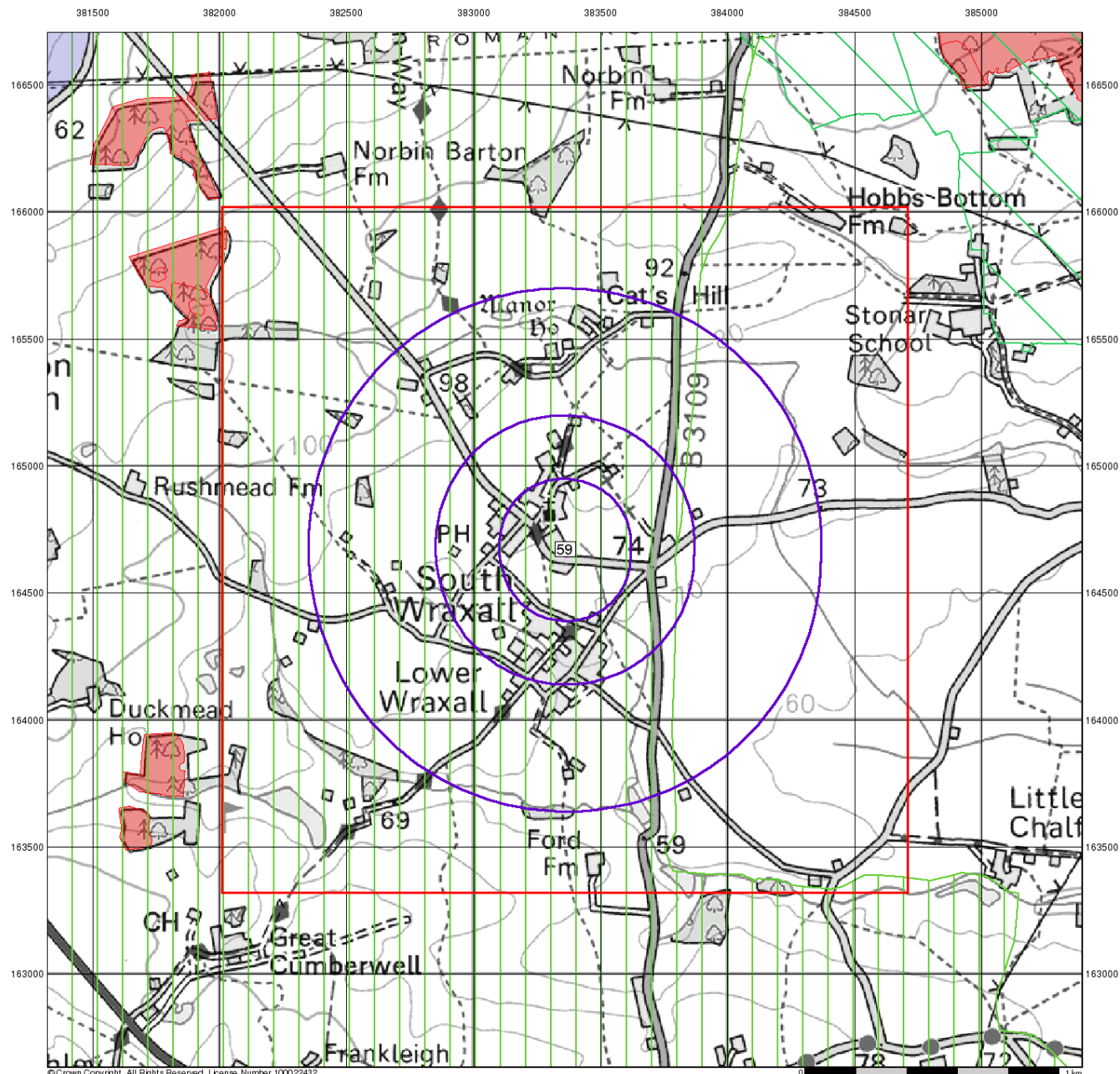
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 Customer Ref: 75865
 National Grid Reference: 383360, 164670
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



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



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Sensitive Land Uses

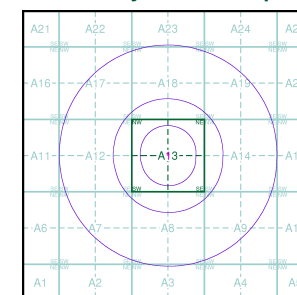
General

- 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

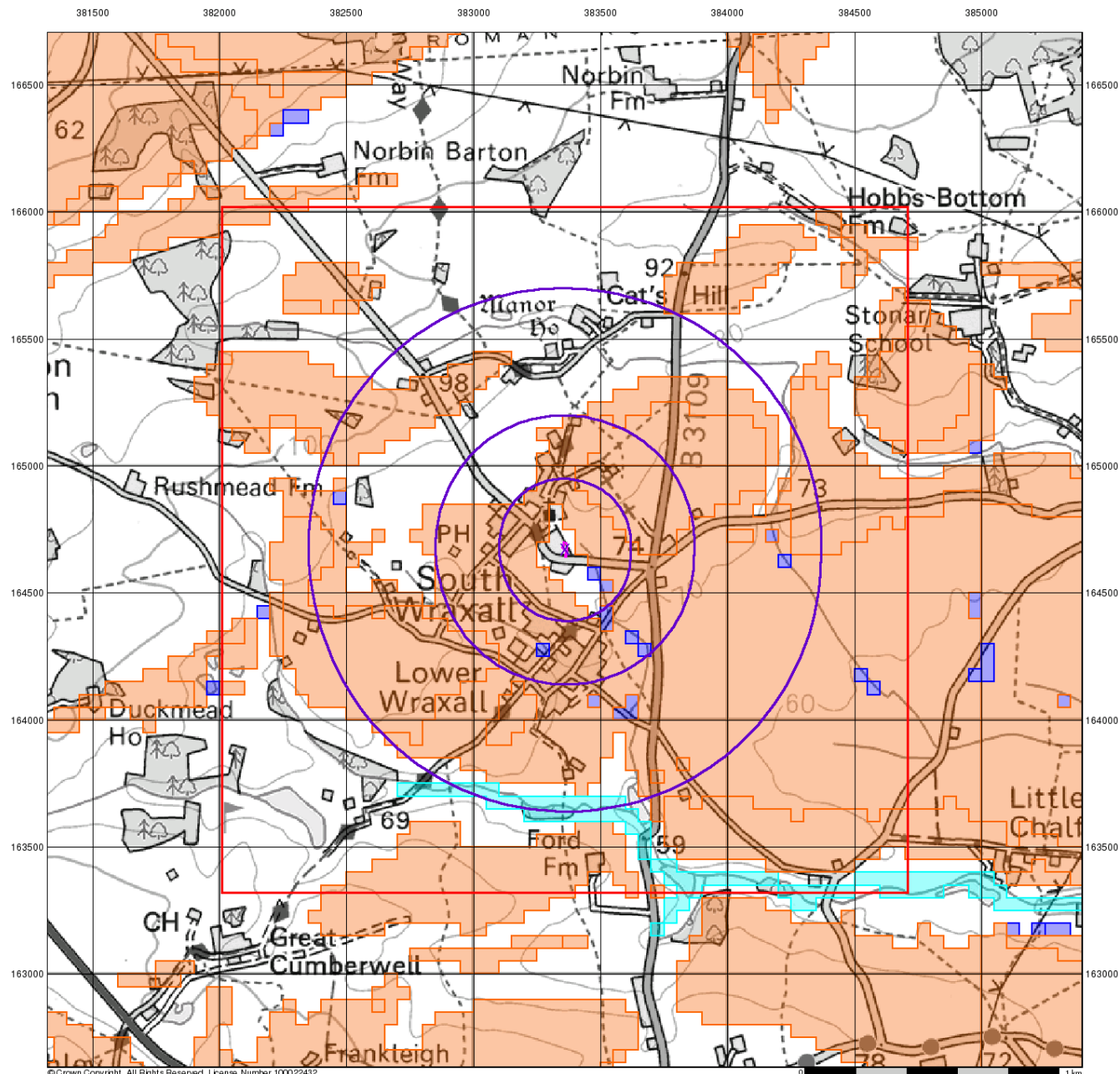


Order Details

Order Number: 287854663_1_1
 Customer Ref: 75865
 National Grid Reference: 383360, 164670
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



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BGS Flood GFS Data

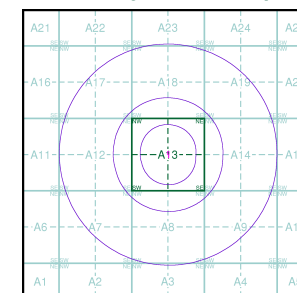
General

- 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

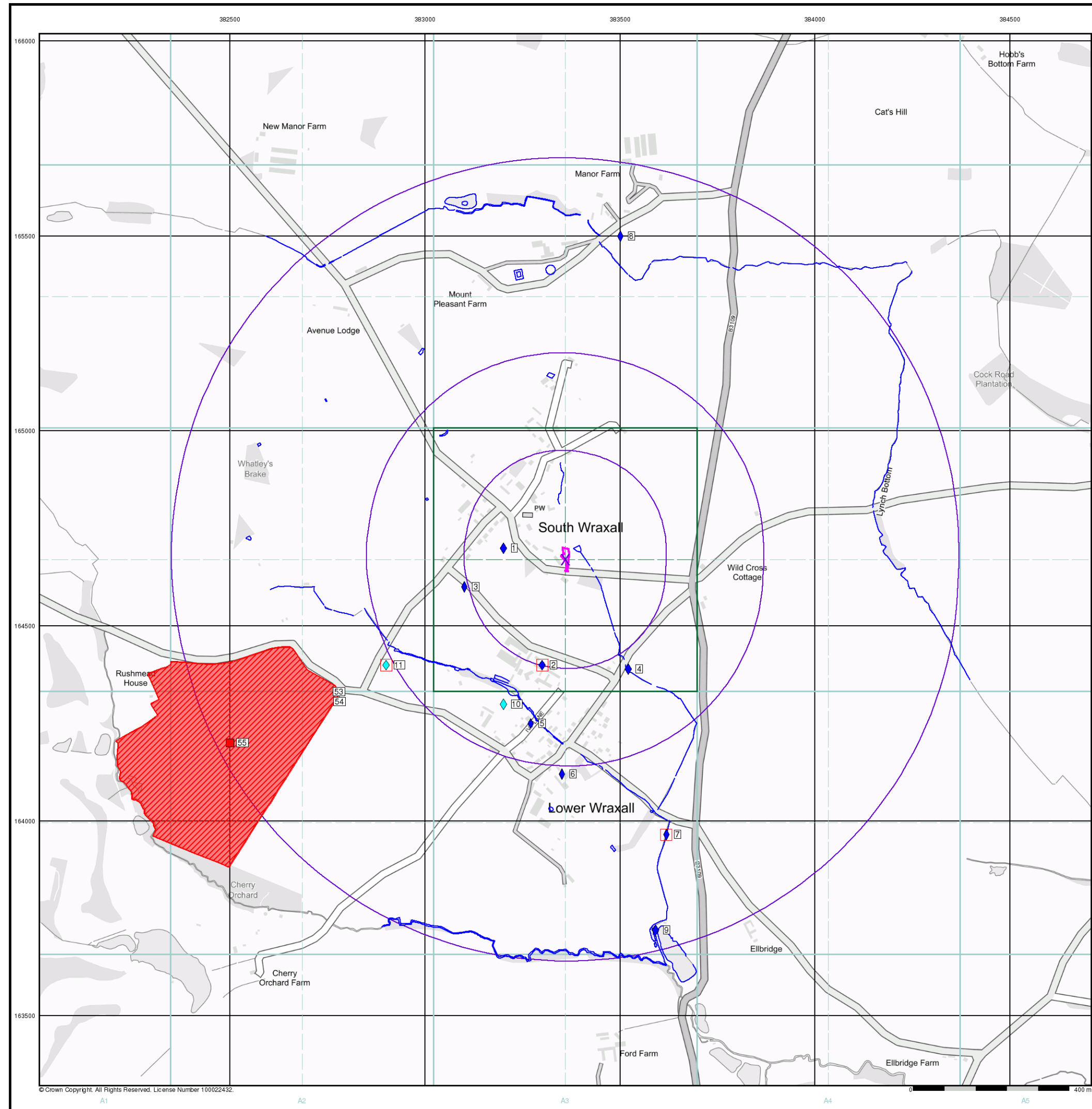


Order Details

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 Customer Ref: 75865
 National Grid Reference: 383360, 164670
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

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- ### General

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

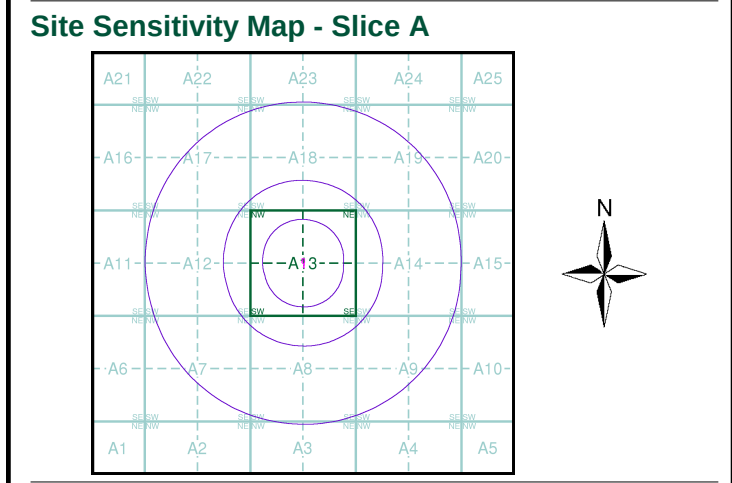
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - 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
 - 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
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- ### Geological

 - BGS Recorded Mineral Site
- ### Industrial Land Use

 - Contemporary Trade Directory Entry
 - Fuel Station Entry



Order Details

Order Number: 287854663_1_1

Customer Ref: 75865

National Grid Reference: 383360, 164670

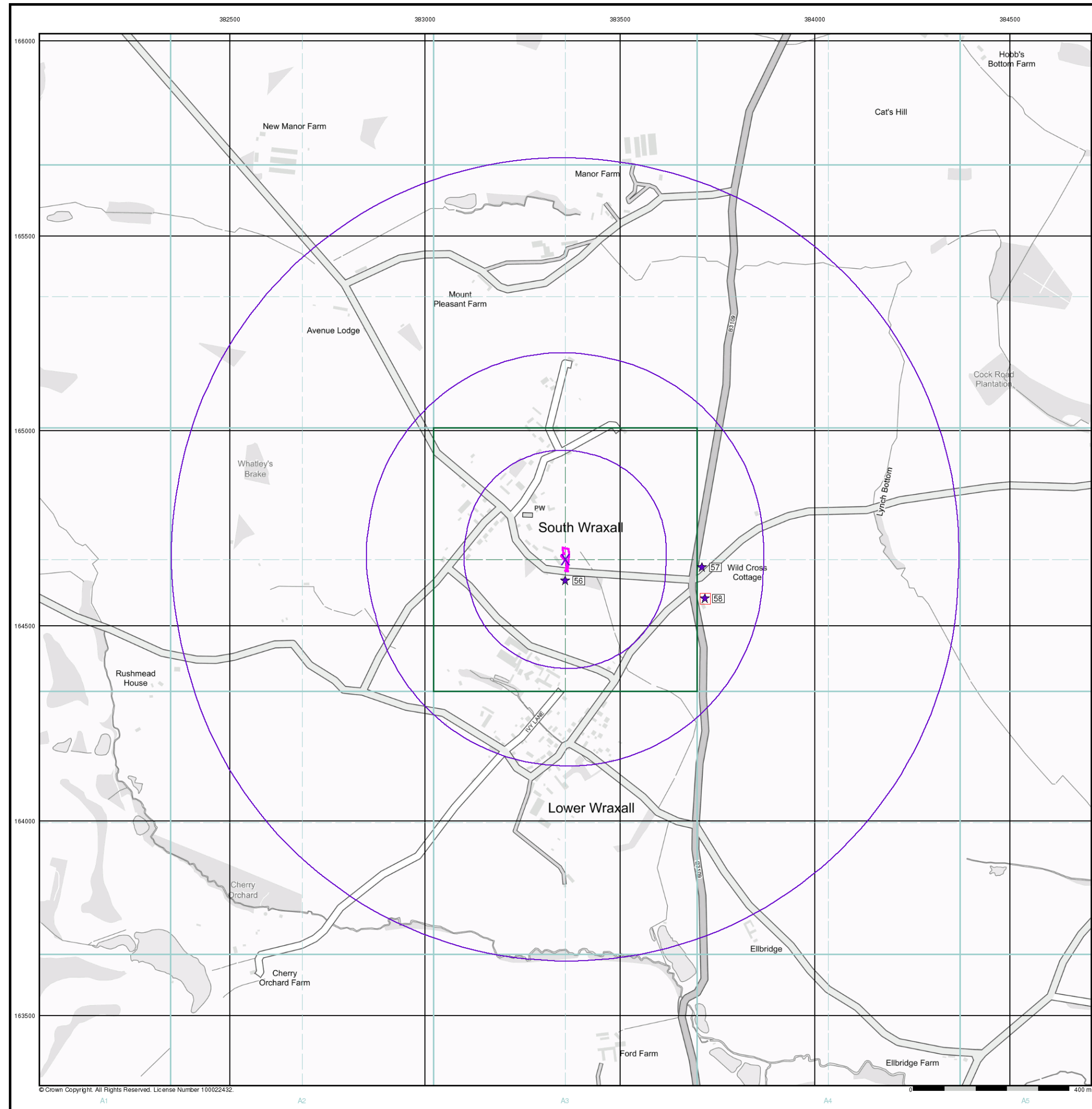
Slice: A

Site Area (Ha): 0.06

Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



Industrial Land Use Map

- General

 Specified Site

 Specified Buffer(s)

 Bearing Reference Point

 Slice

 Map ID
- Industrial Land Use

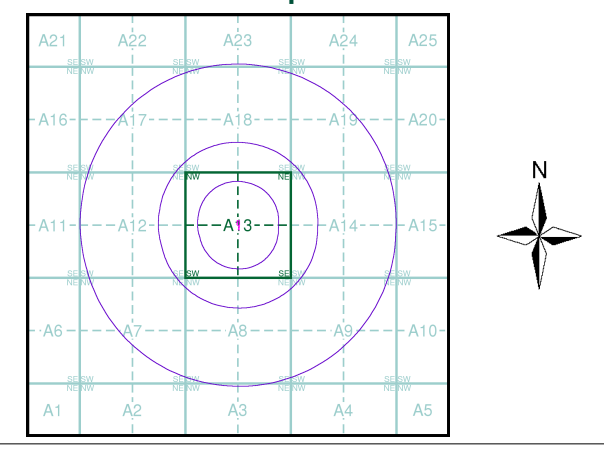
 Contemporary Trade Directory Entry

 Fuel Station Entry

 Gas Pipeline

 Underground Electrical Cables

Industrial Land Use Map - Slice A

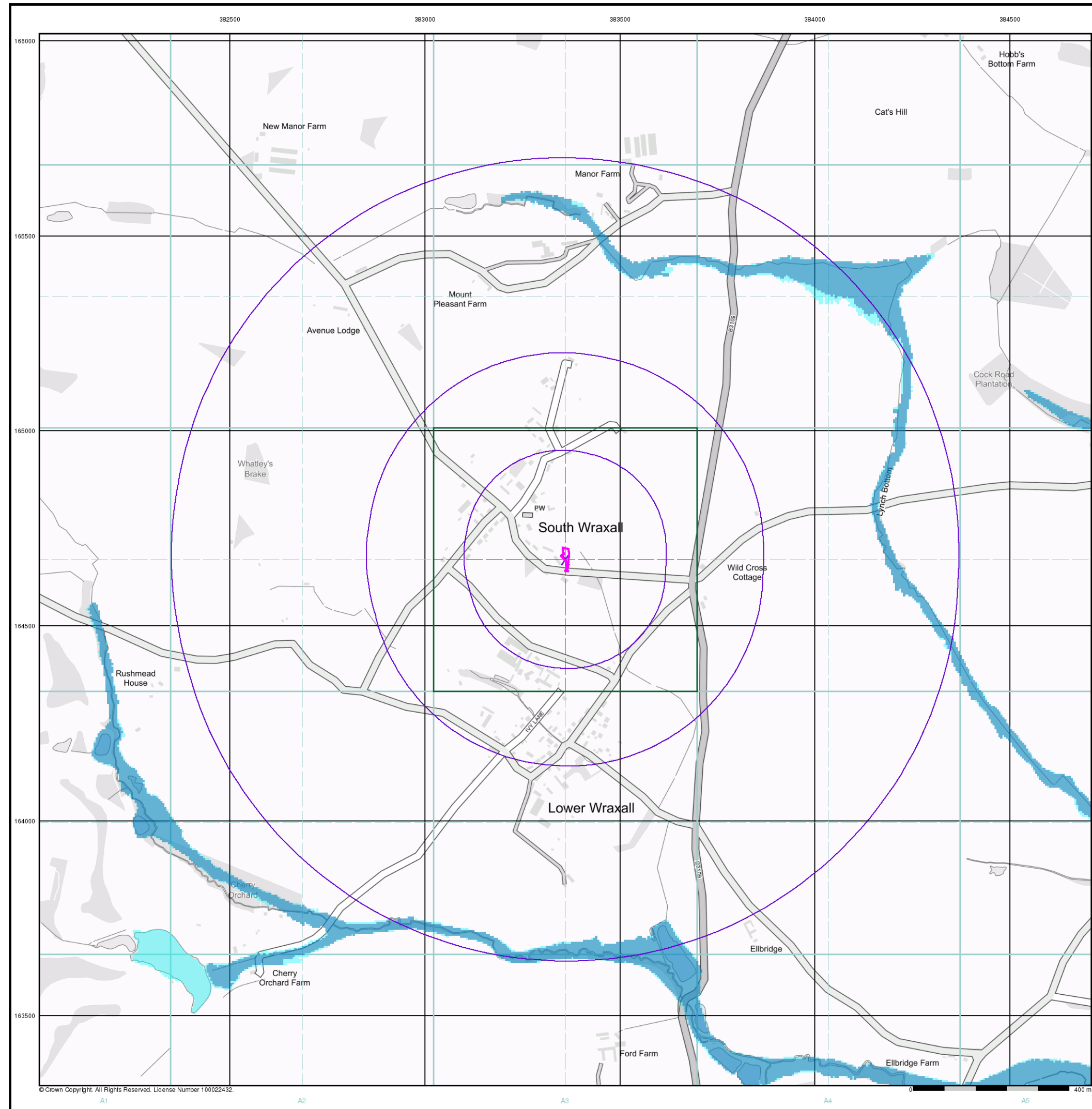


Order Details

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Customer Ref:	75865
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Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



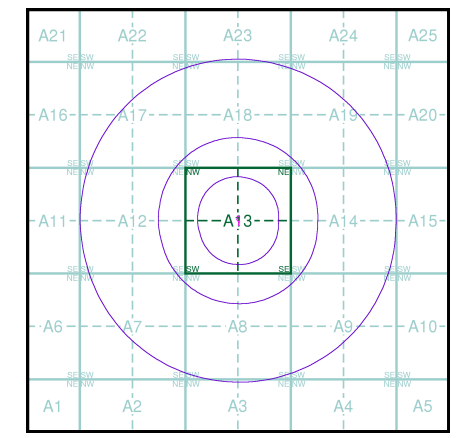
General

- 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

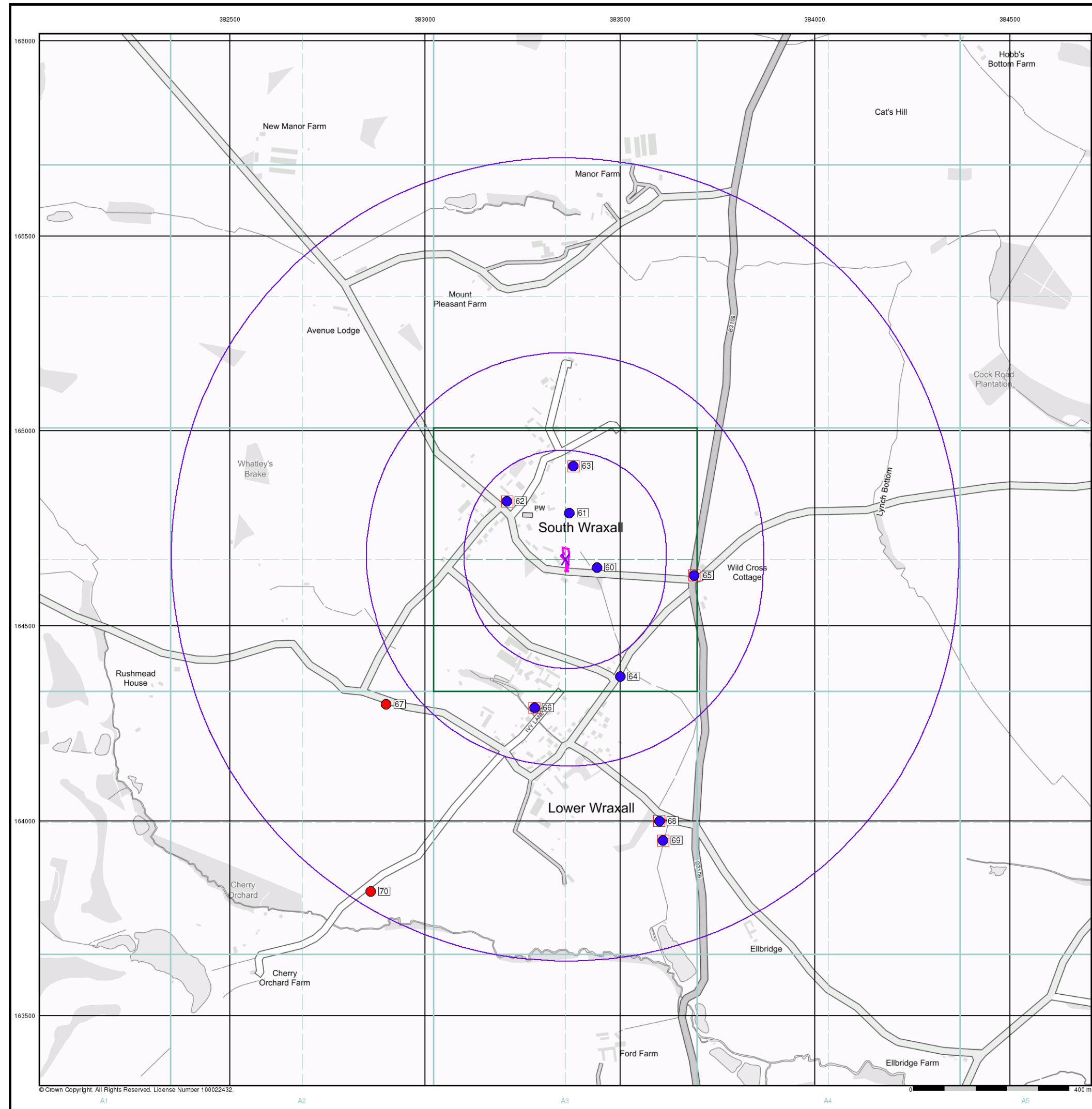


Order Details

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Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



General

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

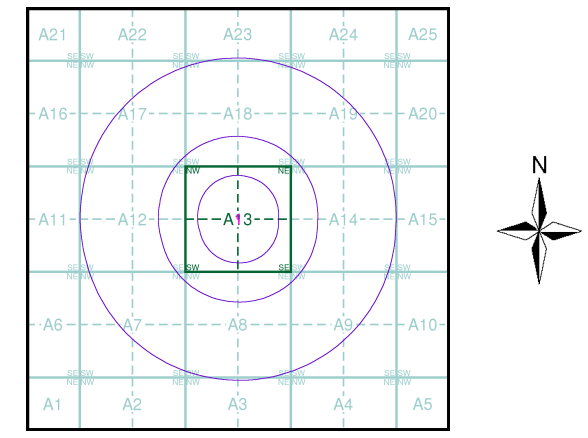
Agency and Hydrological (Boreholes)

- 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

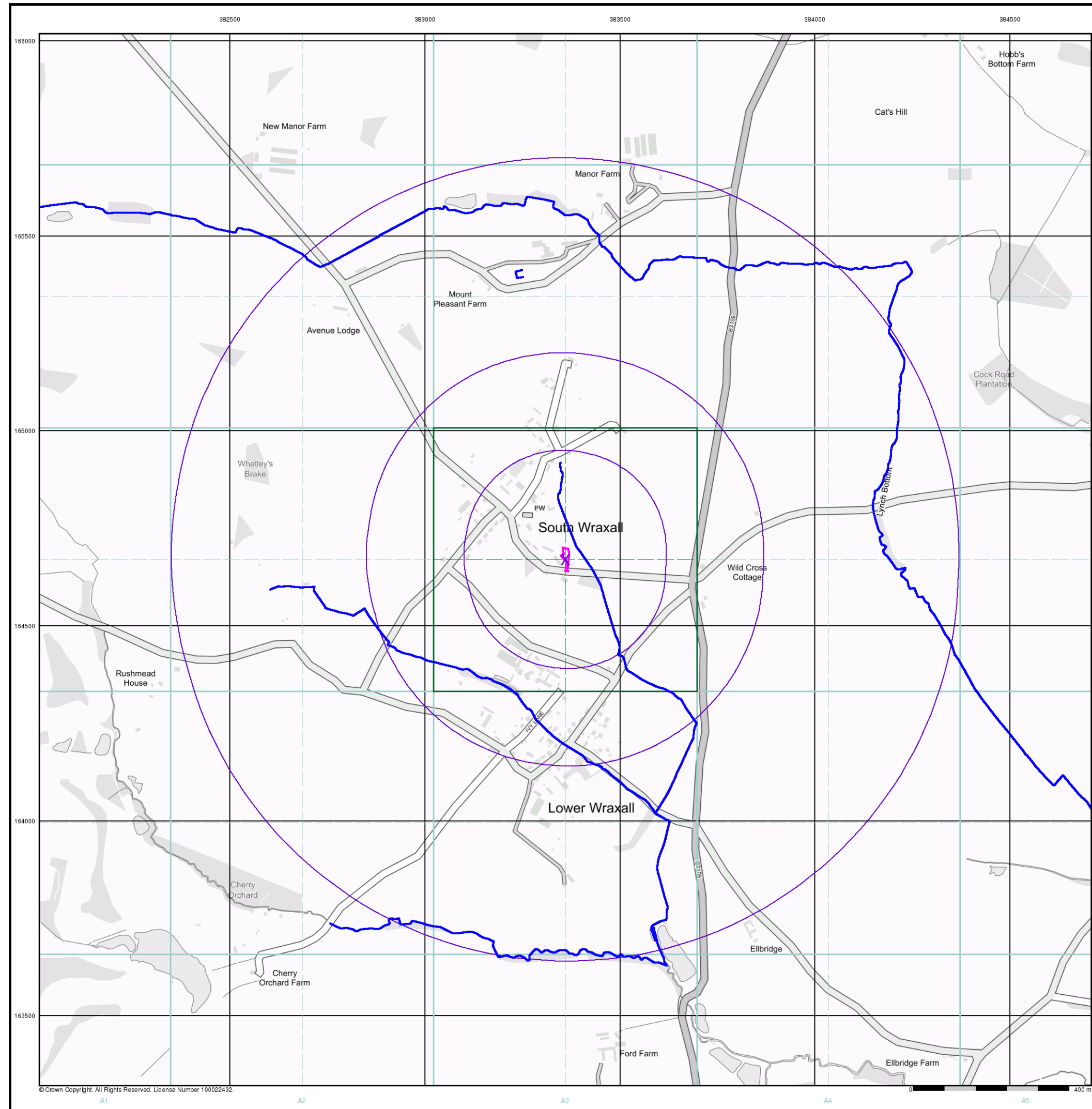


Order Details

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Customer Ref:	75865
National Grid Reference:	383360, 164670
Slice:	A
Site Area (Ha):	0.06
Search Buffer (m):	1000

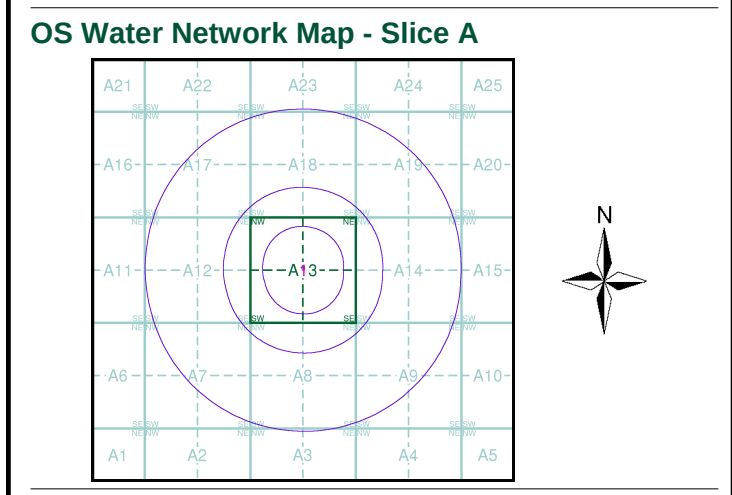
Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



- 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



Order Details

Order Number:	287854663_1_1
Customer Ref:	75865
National Grid Reference:	383360, 164670
Slice:	A
Site Area (Ha):	0.06
Search Buffer (m):	1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB

3.4 Risk assessment methodology

The method of risk evaluation adopted in this document is consistent with CIRIA C552 (2001). Hence, risk is considered to be a function of both the probability (likelihood) of contamination occurring at the study site and also the potential severity (consequence) of the environmental impacts associated with this contamination.

The classification system used to define contaminant probability, consequence and risk is described in the following tables.

Table A: Classification of probability

Classification	Definition
High likelihood	There is a contaminant linkage and an event that appears either very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.
Likely	There is a contaminant linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term, and likely over the long term.
Low likelihood	There is a contaminant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is contaminant linkage but circumstances are such that it is improbable that an event would occur even in the long term.

Table B: Classification of consequence

Classification	Receptor	Definition	Examples
Severe	Humans	Short-term (acute) risk to human health likely to result in "significant harm" as defined in the CTL Statutory Guidance	High concentrations of cyanide on the surface of an informal recreation area
	Controlled waters	Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource	Major spillage of contaminants from site into controlled water
	Property	Catastrophic damage to buildings/property	Explosion, causing building collapse (can also equate to an acute human health risk if buildings are occupied)
	Ecology	A short-term risk to a particular ecosystem, or organism forming part of such eco-system	Potentially long term derogation of a designated site or protected species
Medium	Humans	Chronic damage to human health ("significant harm" as defined in the CTL Statutory Guidance)	Concentrations of a contaminant from a residential site exceed the site-specific assessment criteria
	Controlled waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution)	Leaching of contaminants from a site to a principal or secondary aquifer
	Property	Significant damage to crops, buildings, structures and services	Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability)
	Ecology	A significant change in a particular ecosystem	Death of a species within a designated nature reserve

Table B: Classification of consequence (continued)

Classification	Receptor	Definition	Examples
Mild	Humans	Contamination present although unlikely to constitute a significant chronic health risk	Concentrations of a contaminant from a public access site moderately exceed the generic assessment criteria
	Controlled waters	Pollution of non-water resources	Pollution of non-classified groundwater
	Property	Damage to sensitive buildings/structures/services	Aggressive ground conditions leading to potential for long term degradation of buried concrete
	Ecology	Damage to the environment	Localised damage to aquatic habitat causing temporary relocation of certain species
Minor	Humans	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc.)	The presence of contaminants at such concentrations that protective equipment is required during site works
	Controlled waters	Potential minor release of contamination to local water features	Short term or low volume release of potentially polluting material to a secondary surface water course of low existing quality
	Property	Easily reparable effects of damage to buildings, structures and services. Harm which may result in a financial loss, or expenditure to resolve	The loss of plants in a landscaping scheme. Discolouration of concrete
	Ecology	Short term, localised damage may occur; consequences are spatially and temporally limited	Short term or localised disruption to in situ flora or fauna; no lasting effects

Table C: Risk classification (comparison of consequence and probability)

		Consequence (severity)			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Risk Key

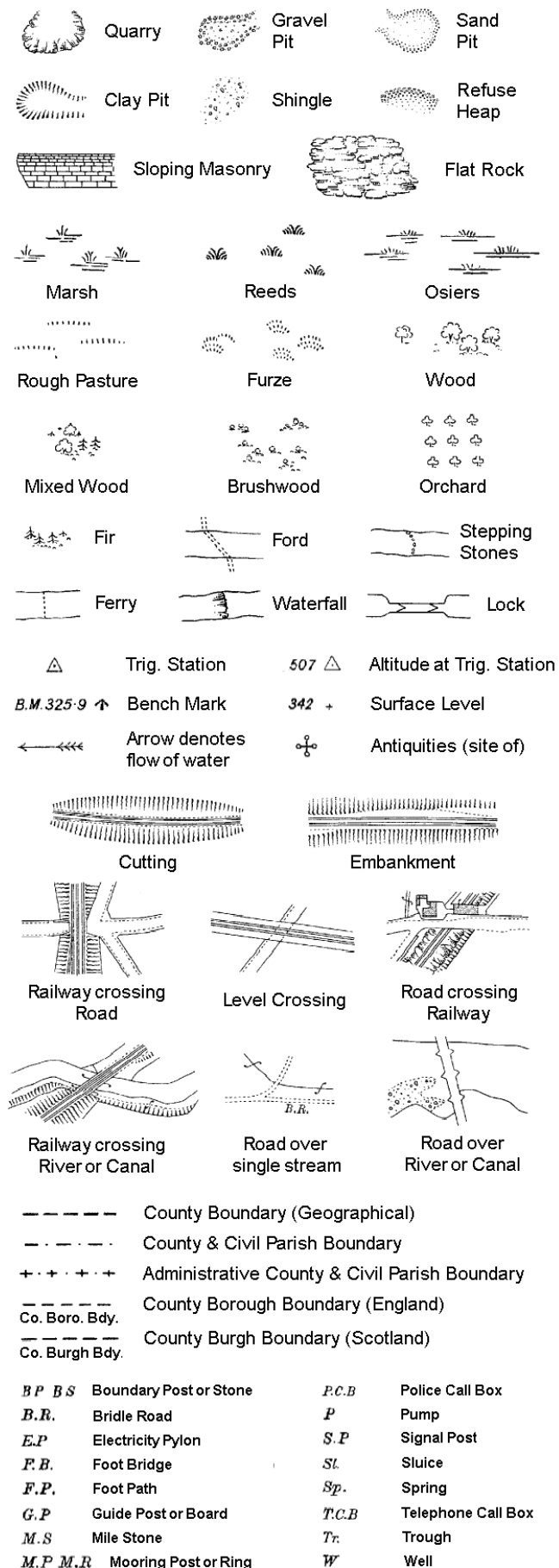
Very High	High	Moderate	Moderate/Low	Low	Very Low
There is a high probability that severe harm could arise to a designated receptor from an identified hazard without appropriate remediation action	Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action	It is possible that without appropriate remediation action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely any harm would be mild	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst if any harm was realised any effects would be mild	The presence of an identified hazard does not give rise to the potential to cause harm to a receptor

3.5 Historical land use maps

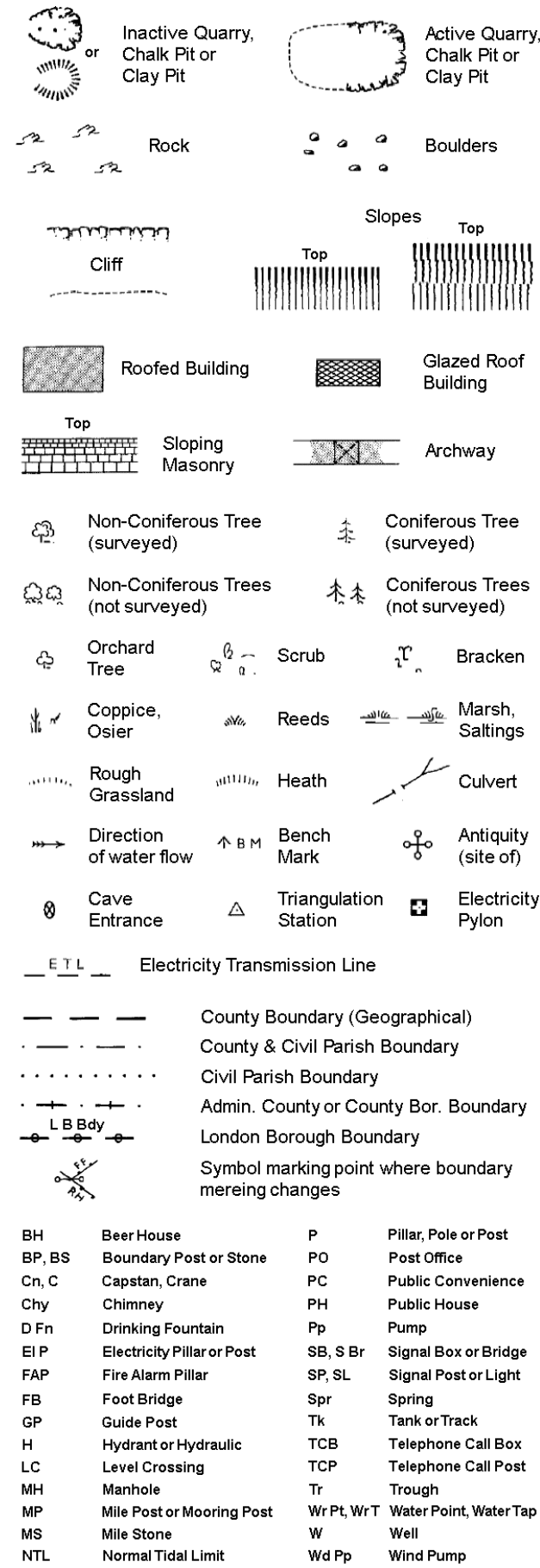
Historical Ordnance Survey maps relating to the site and its surrounding area have been provided by Landmark.

Historical Mapping Legends

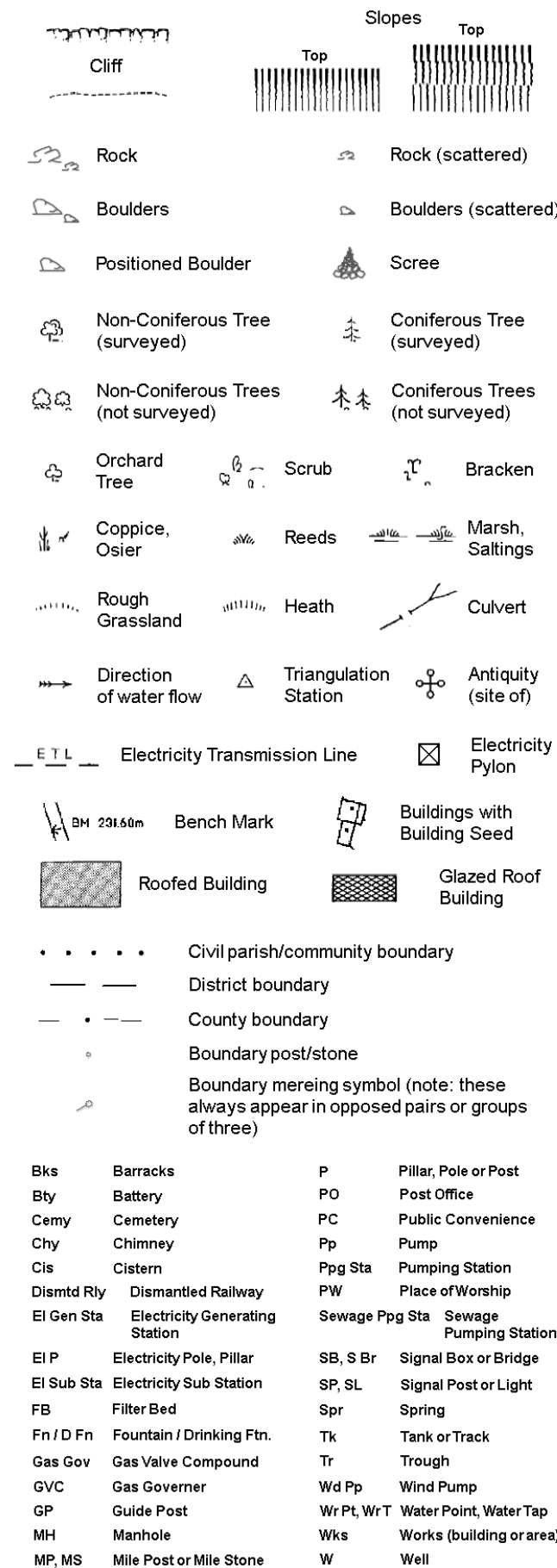
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



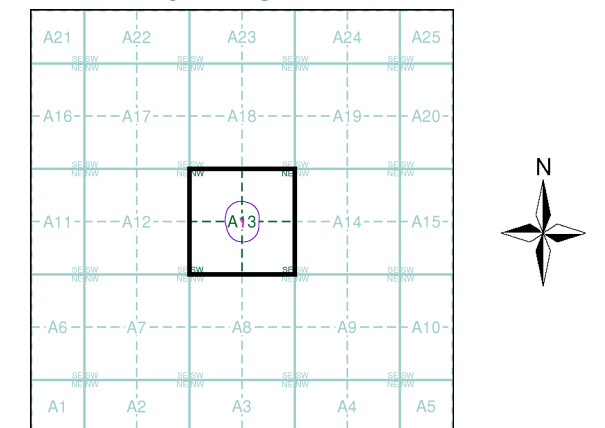
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Wiltshire	1:2,500	1886	2
Wiltshire	1:2,500	1900	3
Wiltshire	1:2,500	1924	4
Ordnance Survey Plan	1:2,500	1973	5
Large-Scale National Grid Data	1:2,500	1993	6

Historical Map - Segment A13



Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB

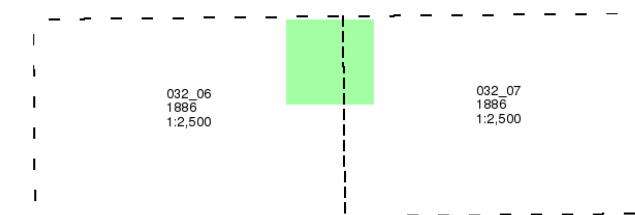
Wiltshire

Published 1886

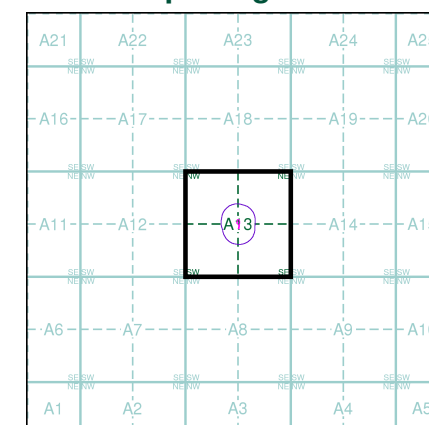
Source map scale - 1:2,500

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

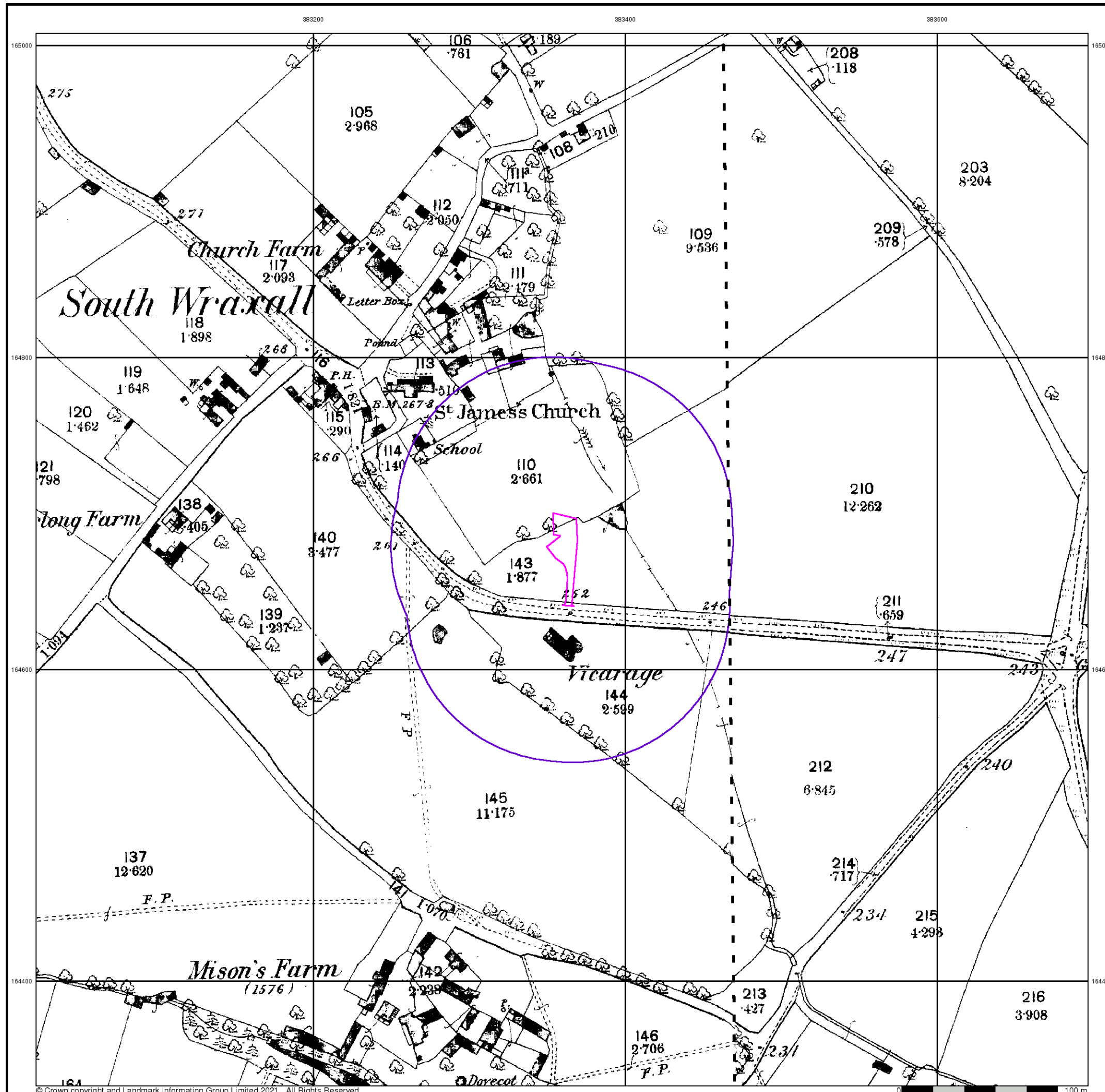


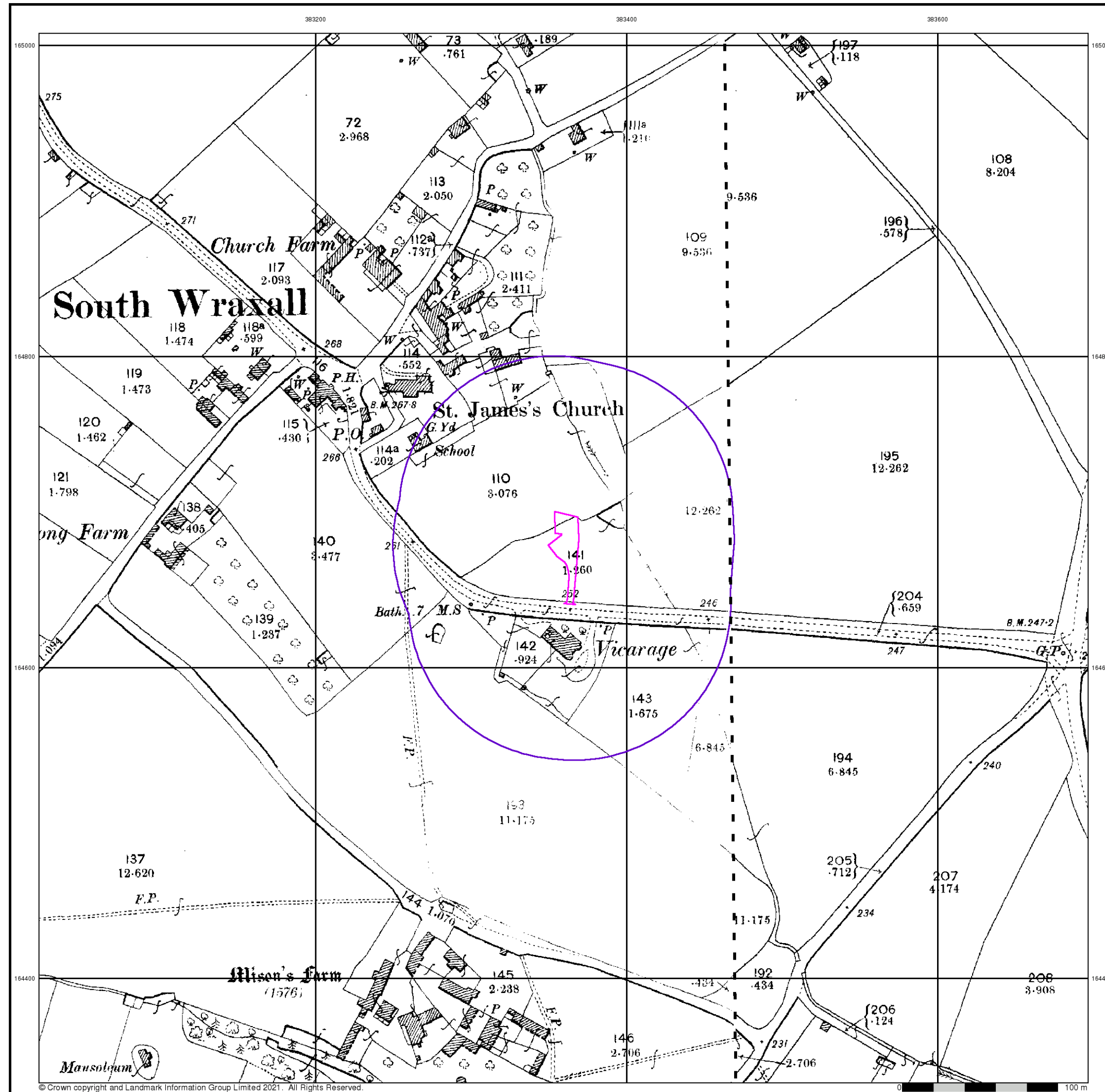
Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB





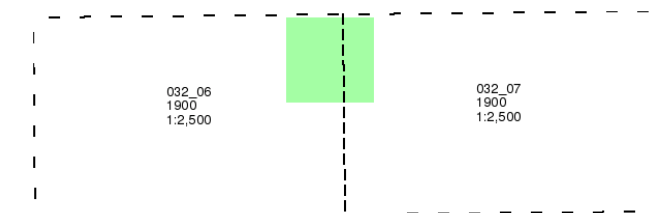
Wiltshire

Published 1900

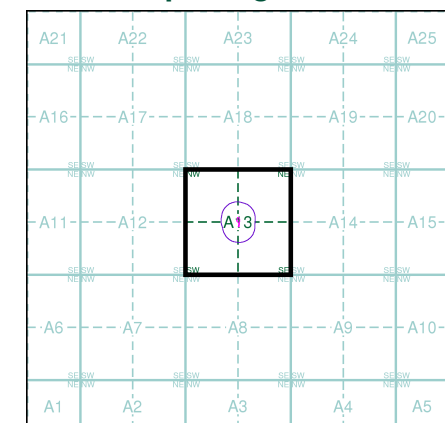
Source map scale - 1:2,500

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: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB

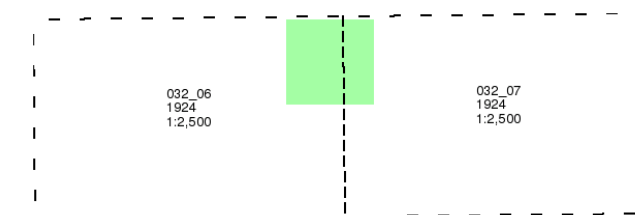
Wiltshire

Published 1924

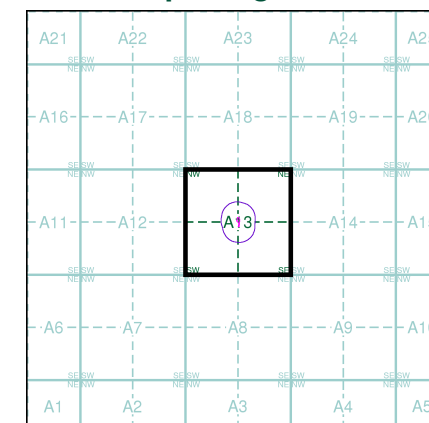
Source map scale - 1:2,500

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

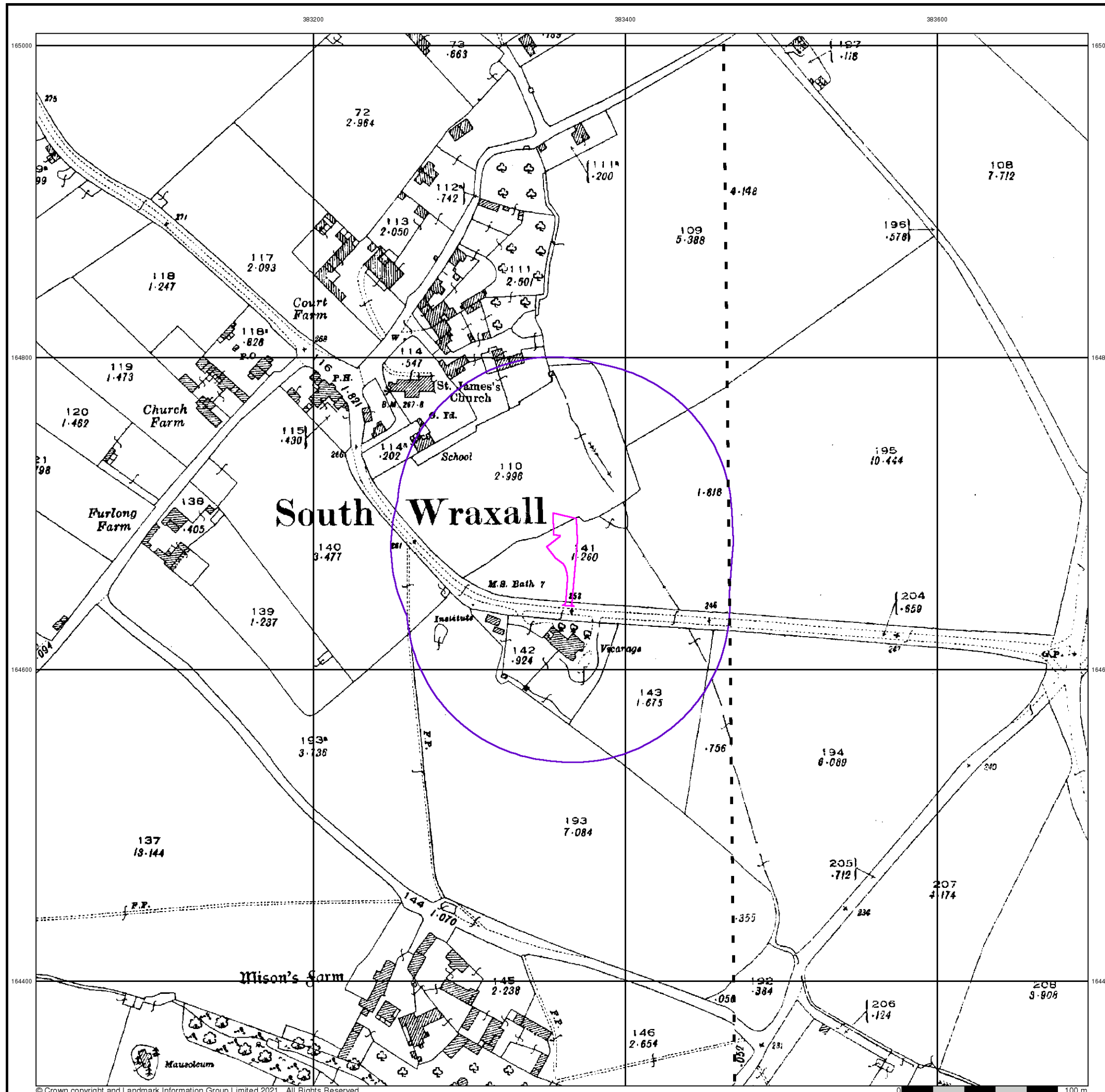


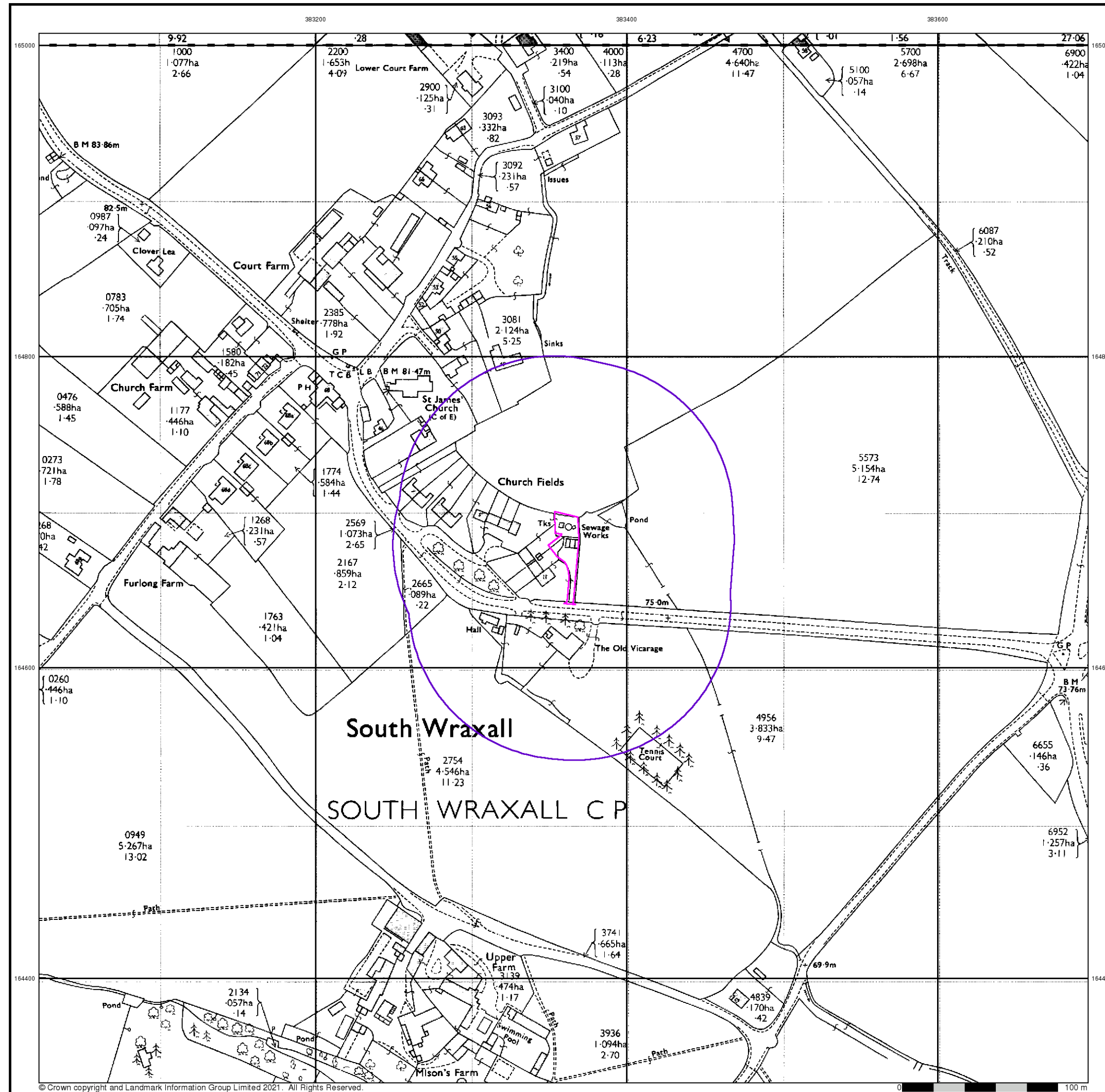
Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB





Ordnance Survey Plan

Published 1973

Source map scale - 1:2,500

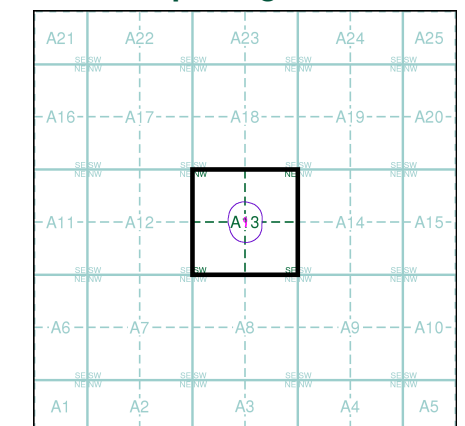
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

ST8365
1973
1:2,500

ST8364
1973
1:2,500

Historical Map - Segment A13

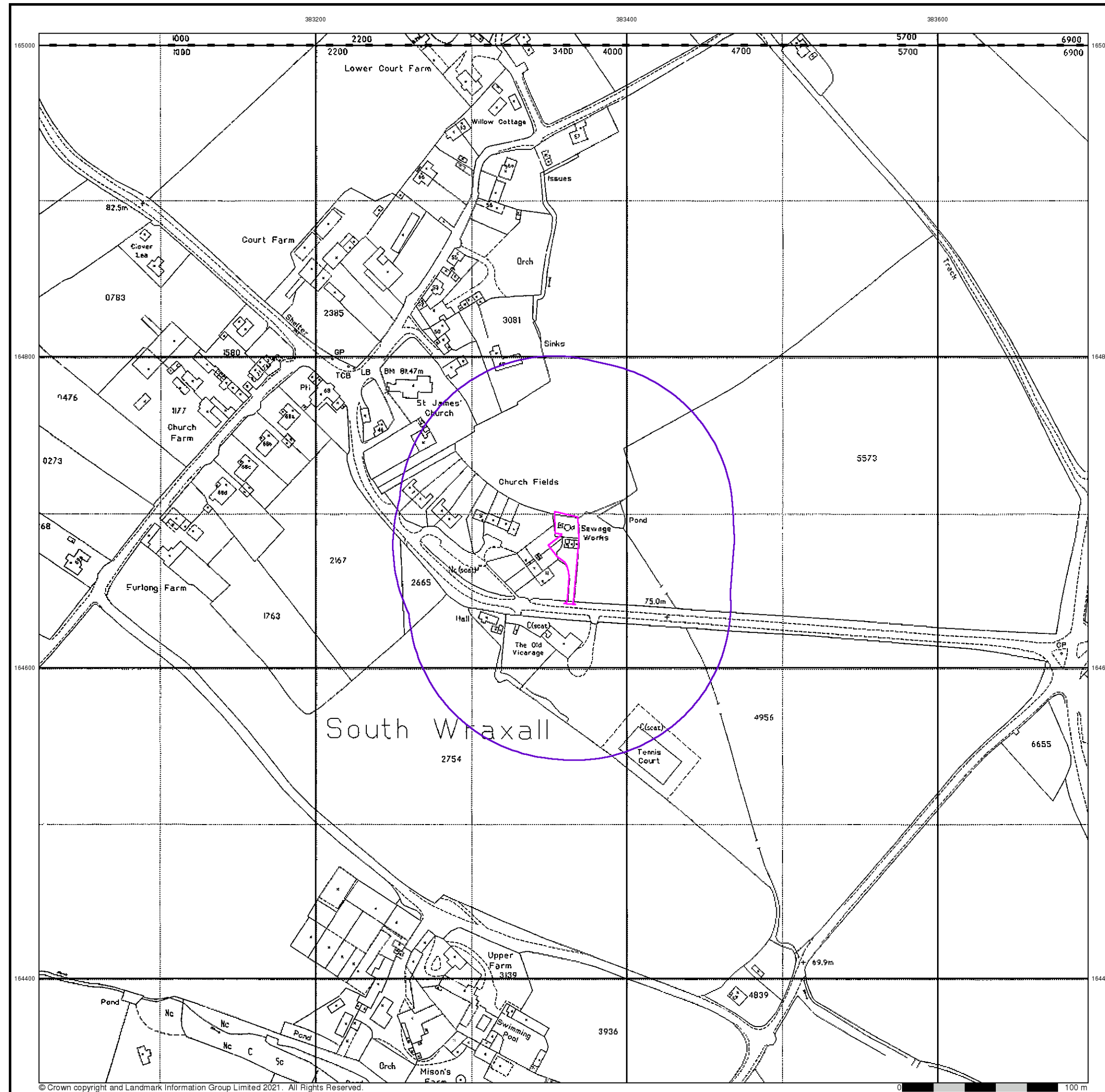


Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



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0 100 m



Large-Scale National Grid Data

Published 1993

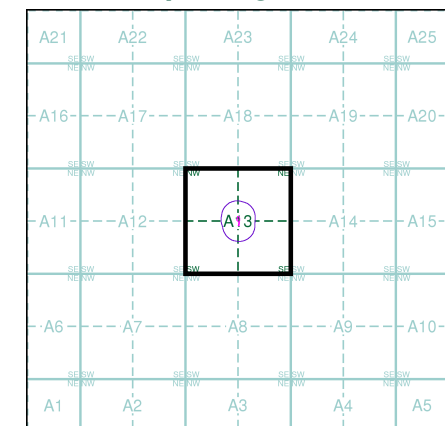
Source map scale - 1:2,500

'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)

ST8365	1993	1:2,500
ST8364	1993	1:2,500

Historical Map - Segment A13



Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	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

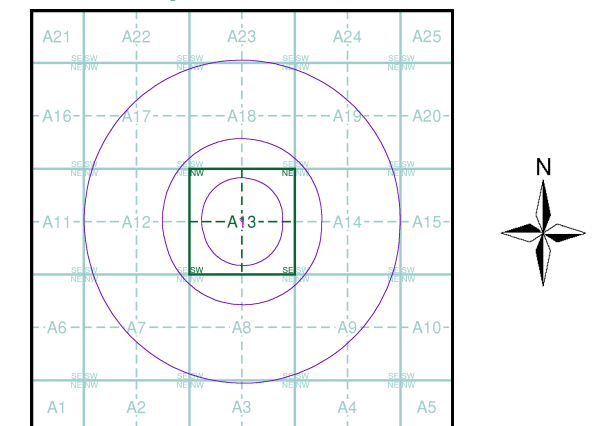
1:10,000 Raster Mapping

	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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1884	2
Wiltshire	1:10,560	1889	3
Wiltshire	1:10,560	1901	4
Somerset	1:10,560	1904	5
Wiltshire	1:10,560	1926	6
Somerset	1:10,560	1929	7
Wiltshire	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1961	9
Ordnance Survey Plan	1:10,000	1976 - 1977	10
10K Raster Mapping	1:10,000	1999 - 2000	11
Street View	Variable		12

Historical Map - Slice A

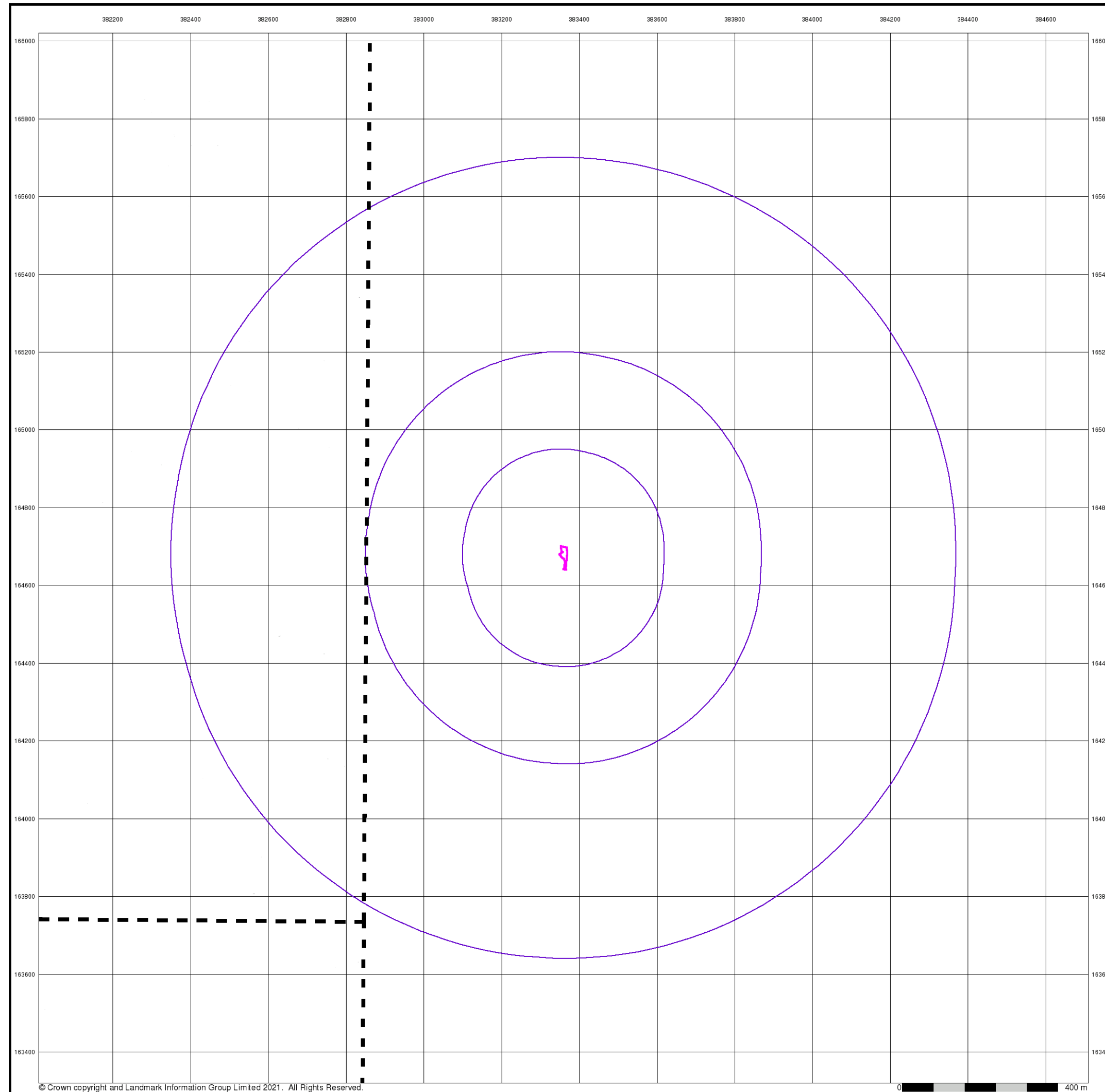


Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



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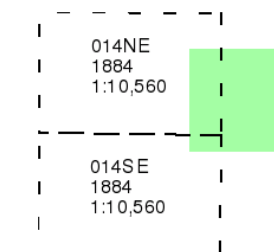
Somerset

Published 1884

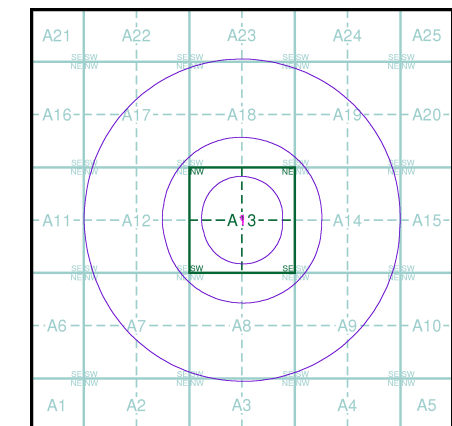
Source map scale - 1:10,560

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

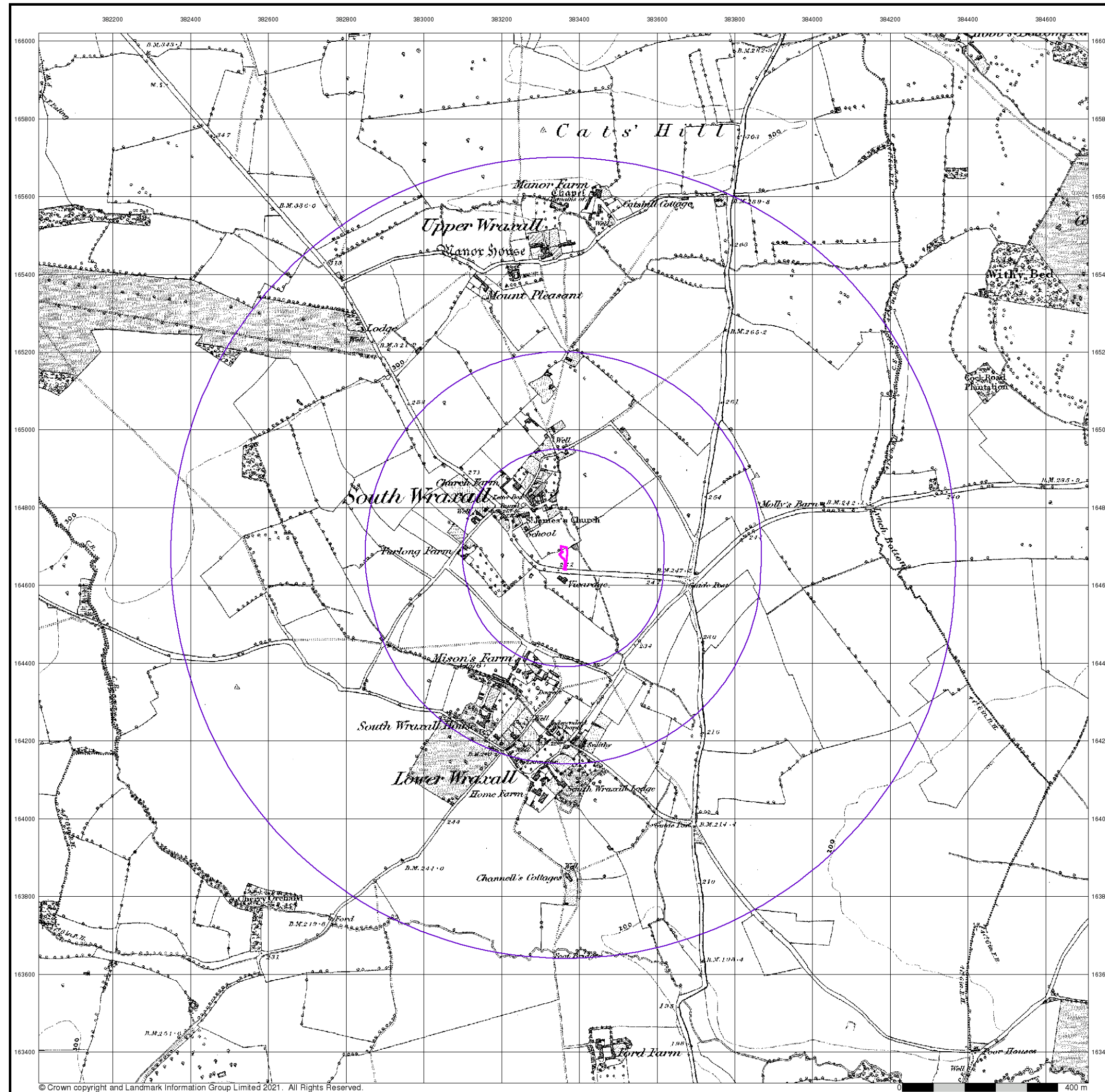
Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



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



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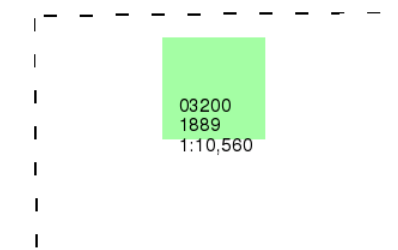
Wiltshire

Published 1889

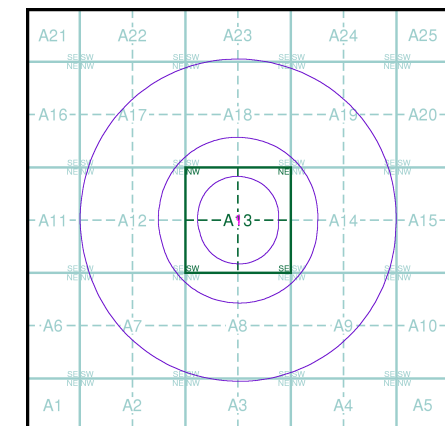
Source map scale - 1:10,560

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

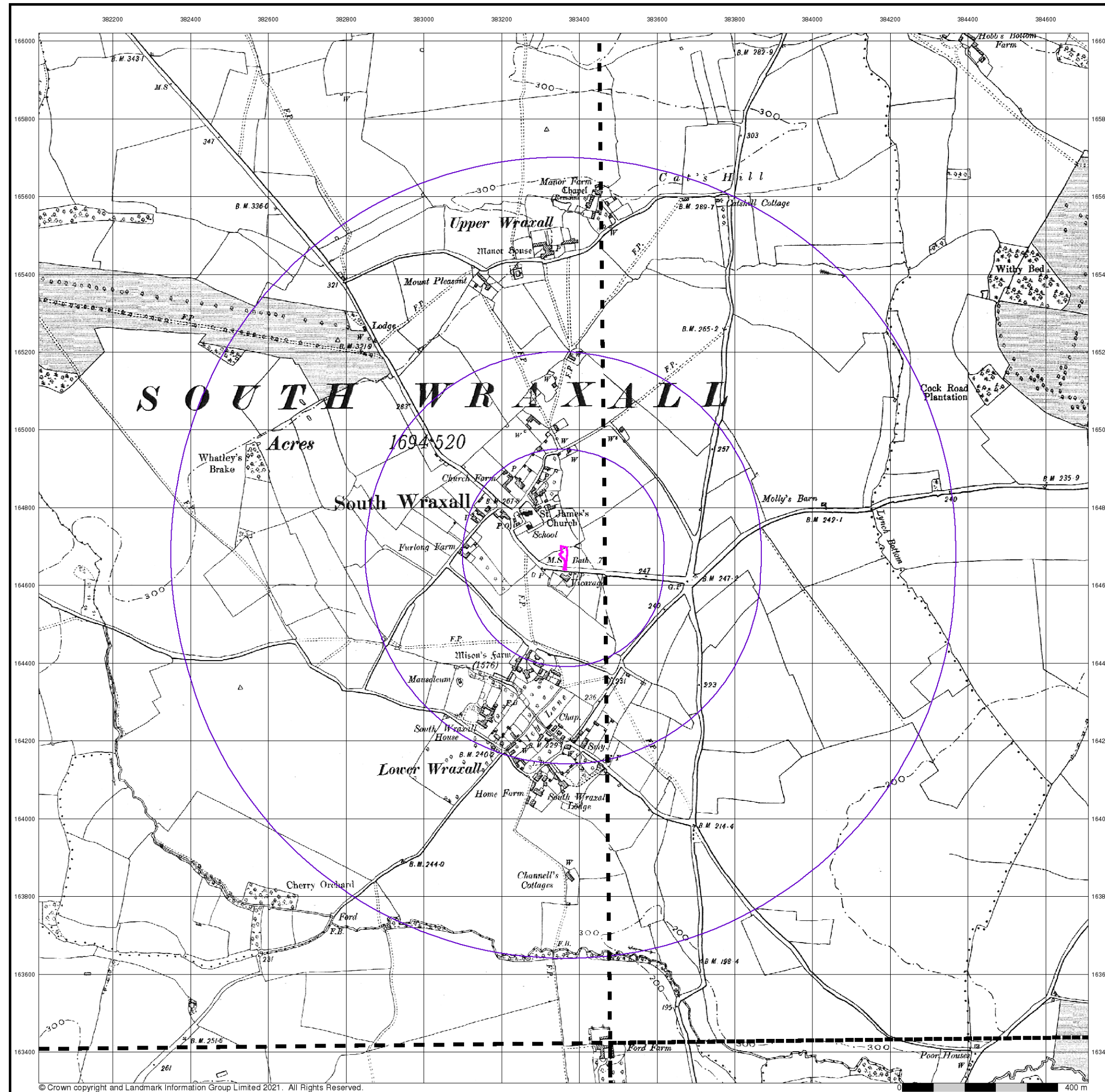


Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



Wiltshire

Published 1901

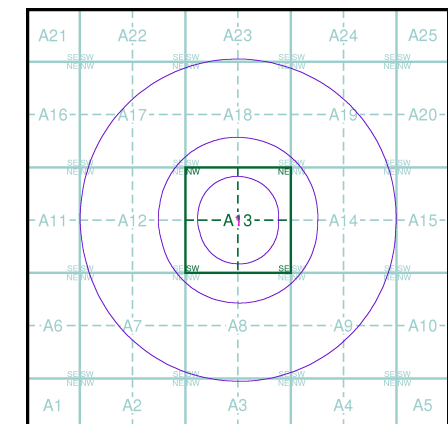
Source map scale - 1:10,560

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)

032NW 1901 1:10,560	032NE 1901 1:10,560
032SW 1901 1:10,560	032SE 1901 1:10,560

Historical Map - Slice A

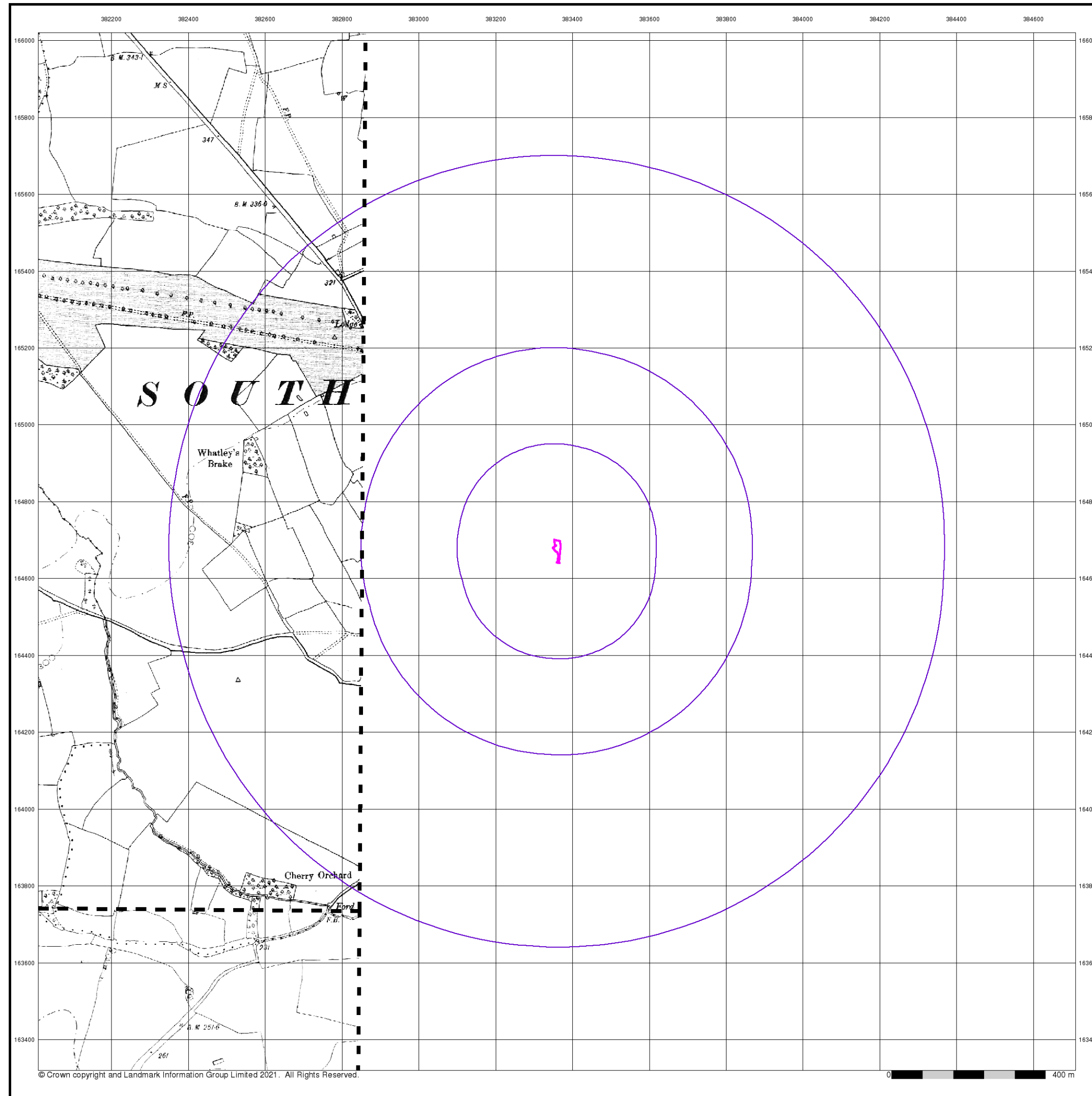


Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



Somerset

Published 1904

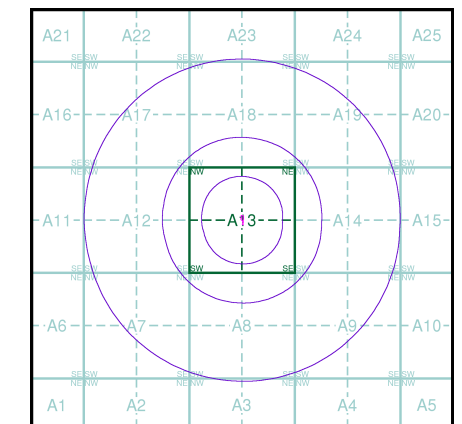
Source map scale - 1:10,560

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)

014NE 1904 1:10,560	
014SE 1904 1:10,560	

Historical Map - Slice A

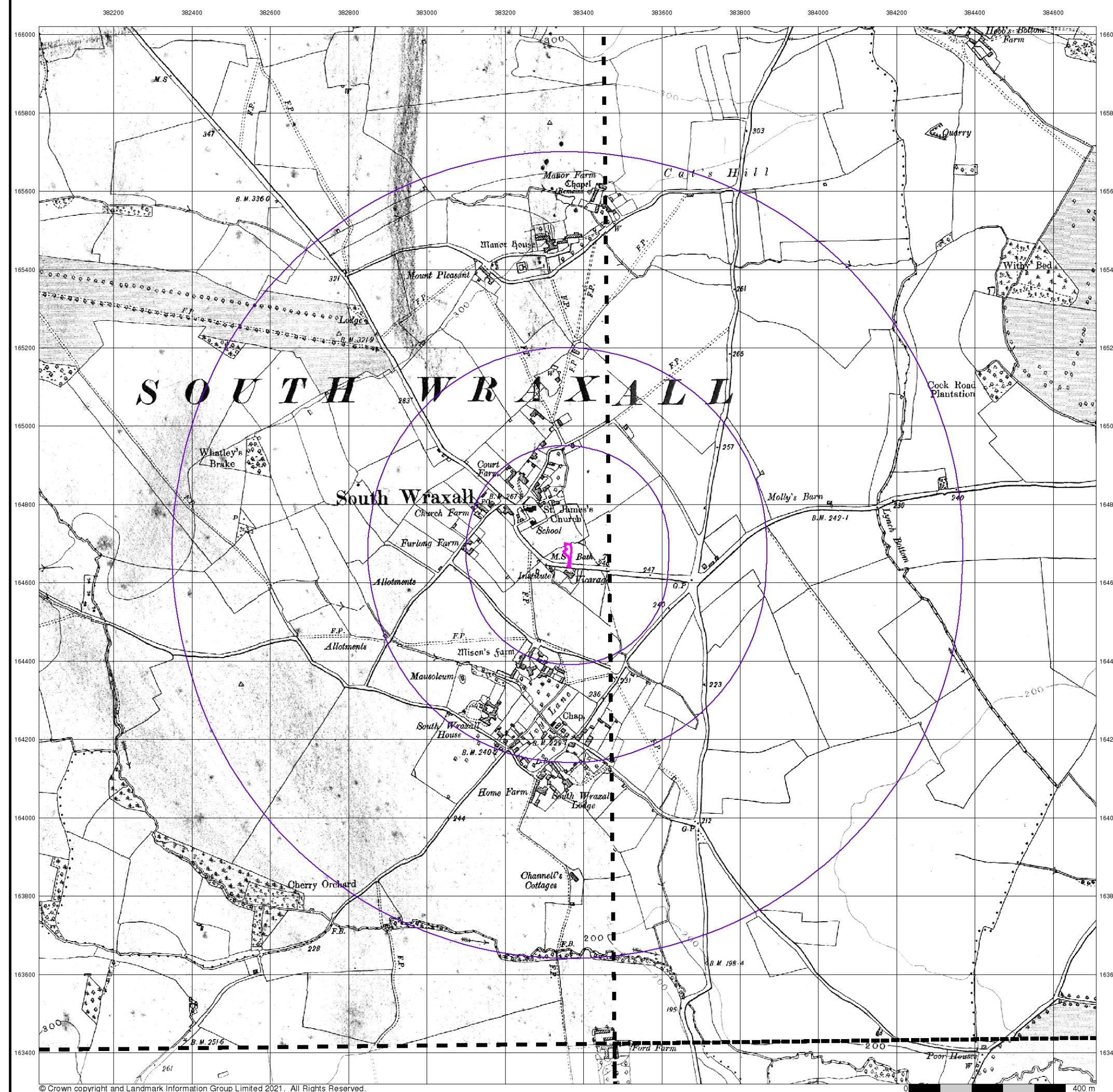


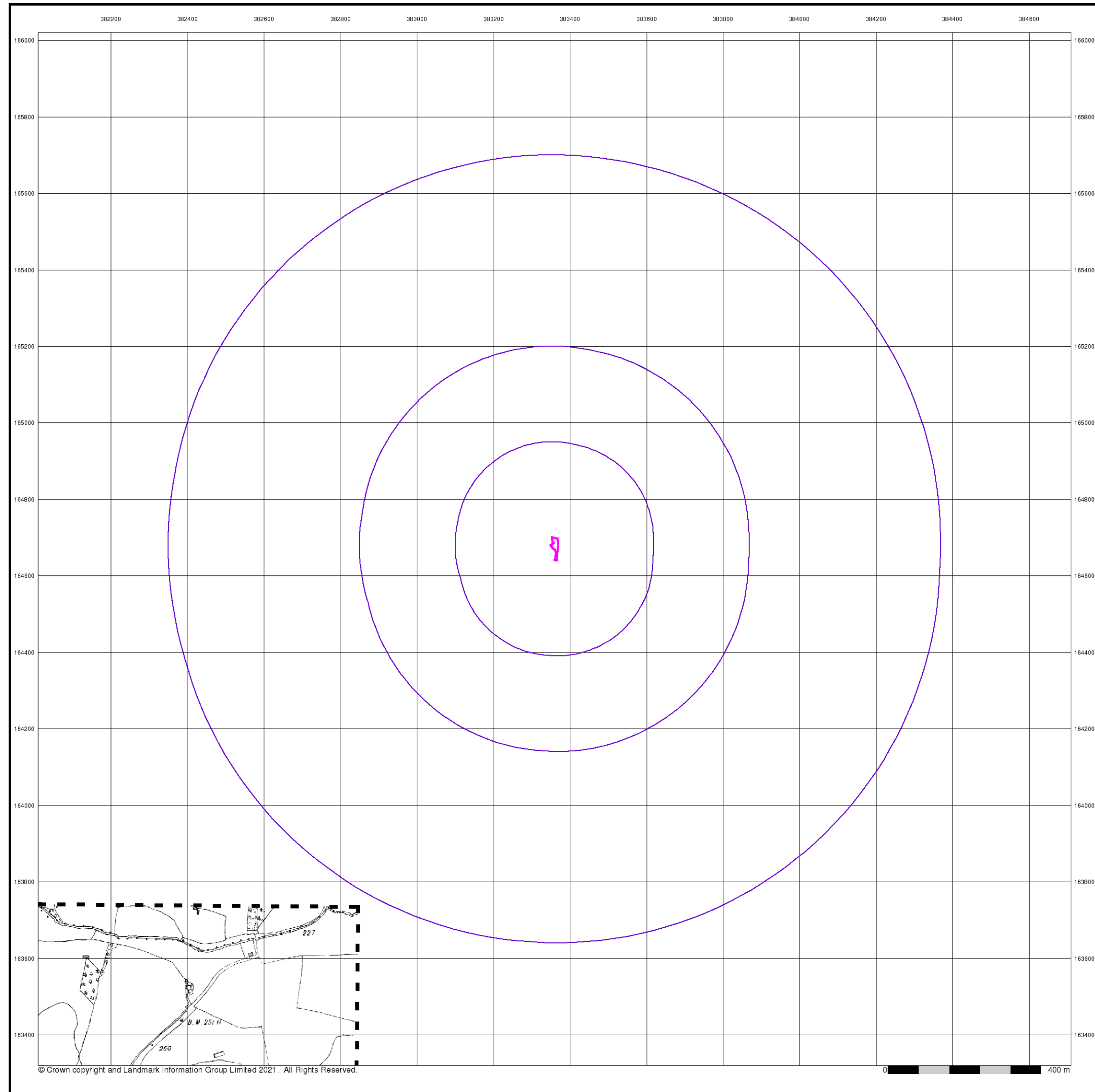
Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB





Somerset

Published 1929

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)

014SE
1929
1:10,560

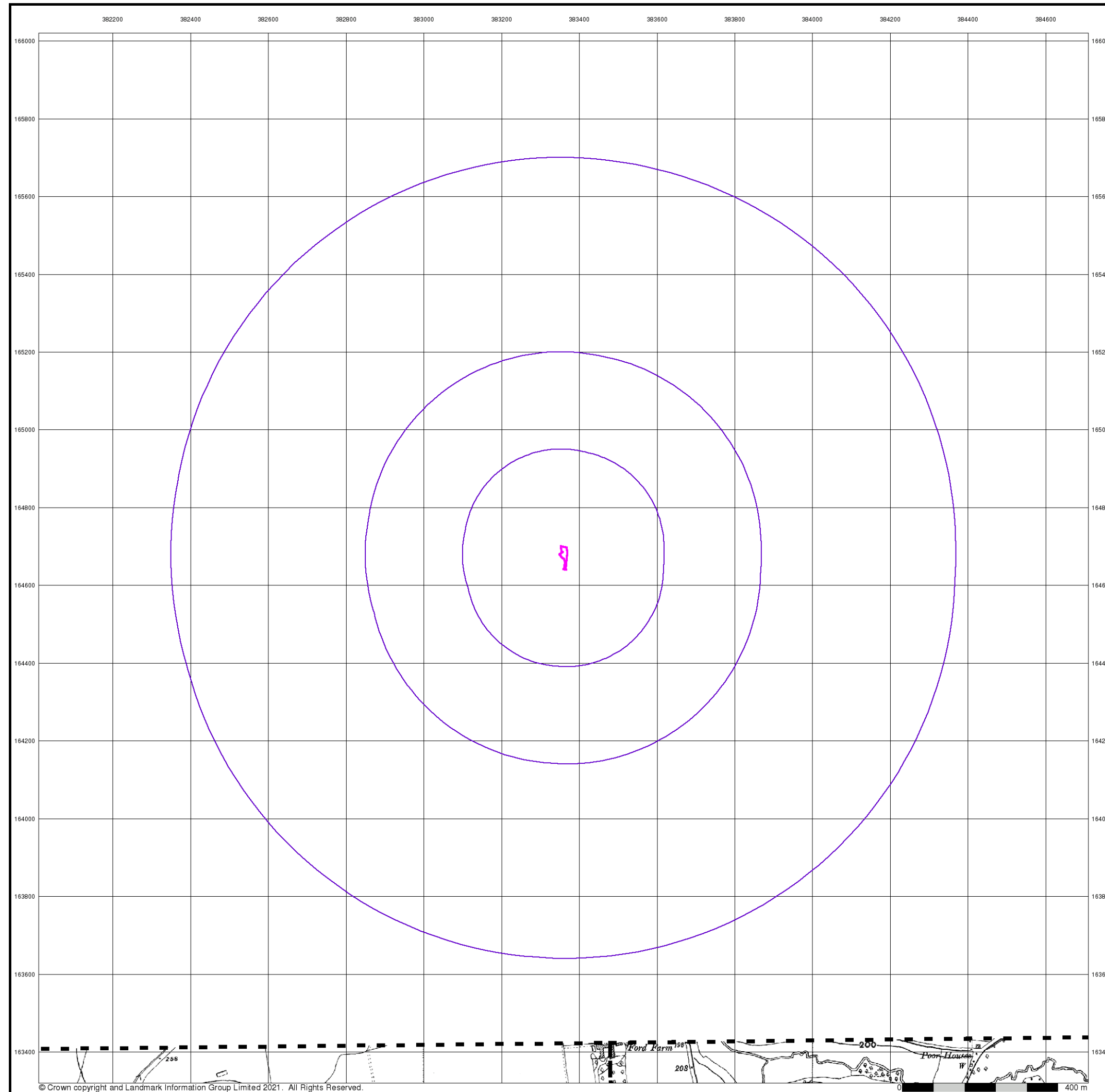
Historical Map - Slice A

Order Details

Order Number:	287854663_1_1
Customer Ref:	75865
National Grid Reference:	383360, 164670
Slice:	A
Site Area (Ha):	0.06
Search Buffer (m):	1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



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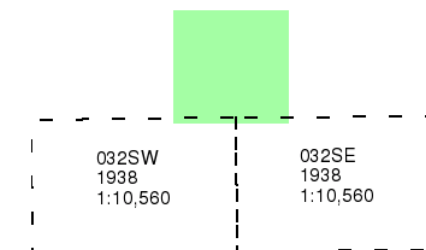
Wiltshire

Published 1938

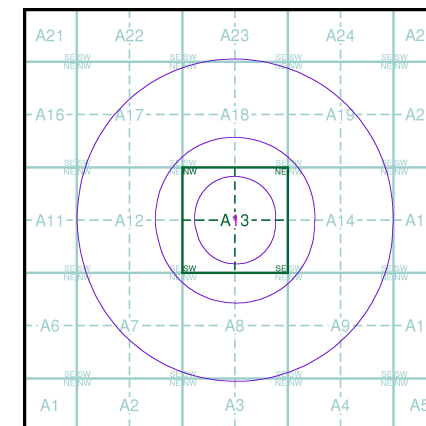
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

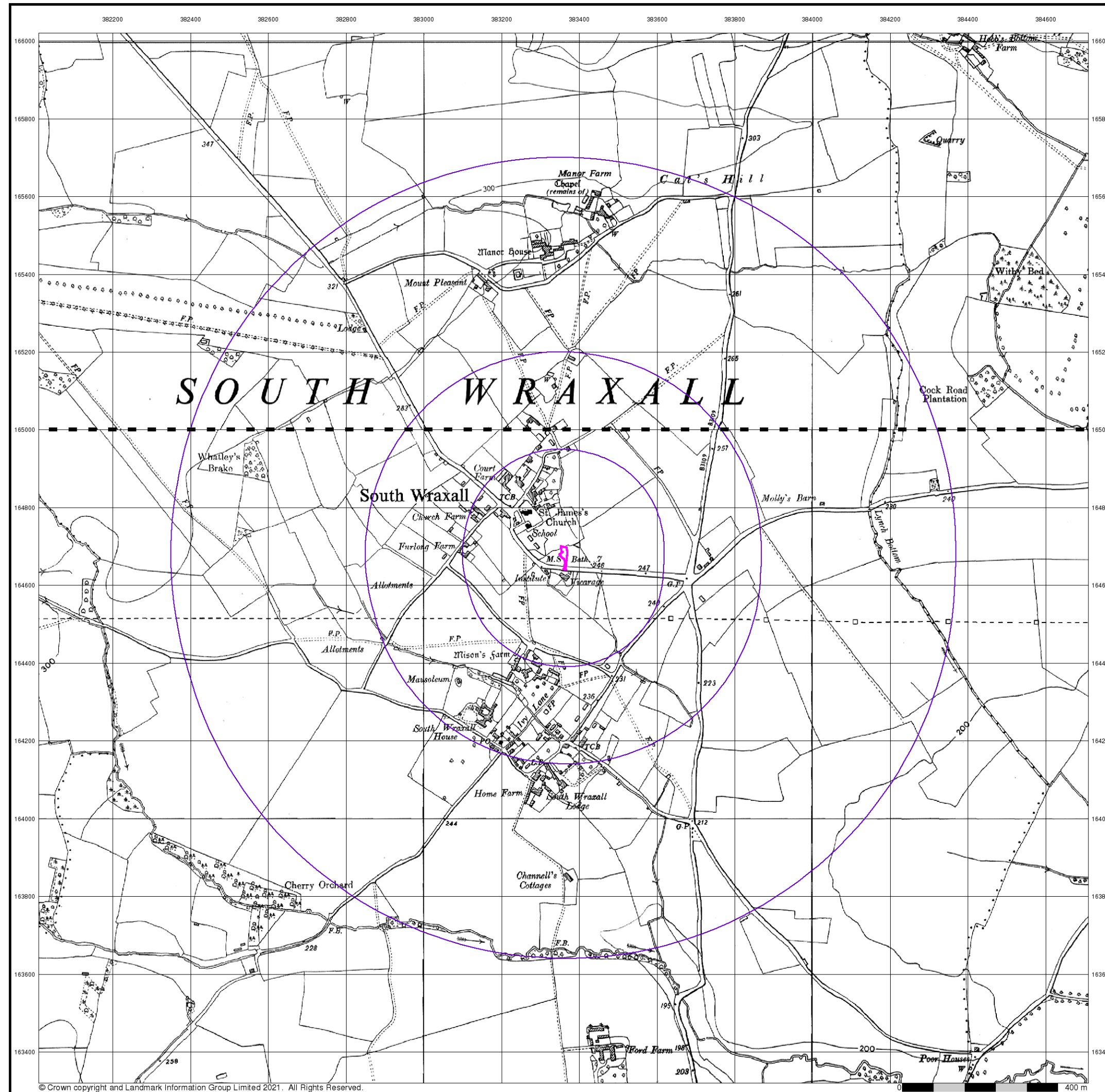
Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1961

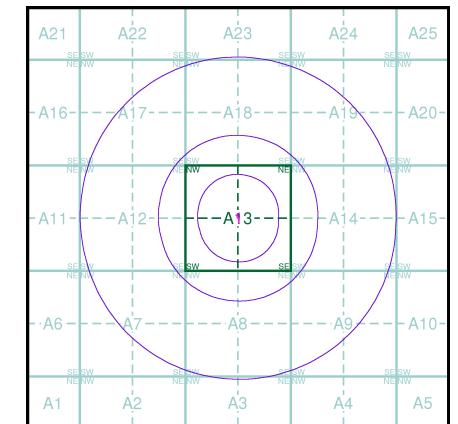
Source map scale - 1:10,000

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)

ST86NW	1961
1:10,560	
ST86SW	1961
1:10,560	

Historical Map - Slice A



Order Details

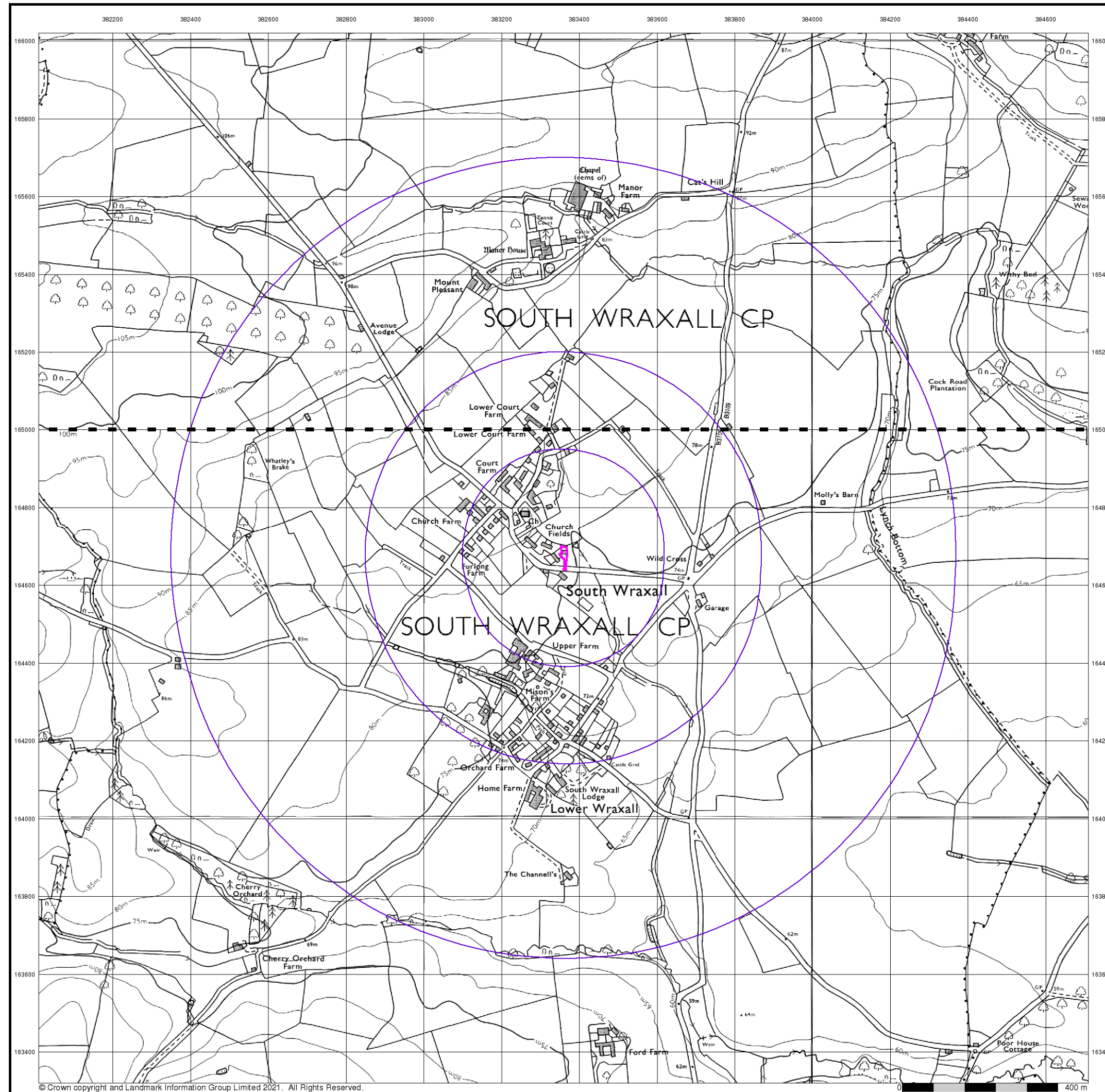
Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



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



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Ordnance Survey Plan

Published 1976 - 1977

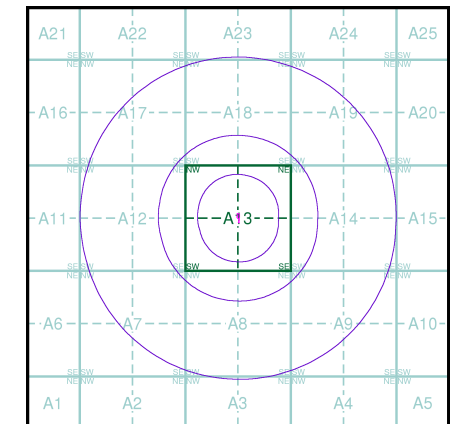
Source map scale - 1:10,000

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)

ST86NW	1976
1:10,000	
ST86SW	1977
1:10,000	

Historical Map - Slice A



Order Details

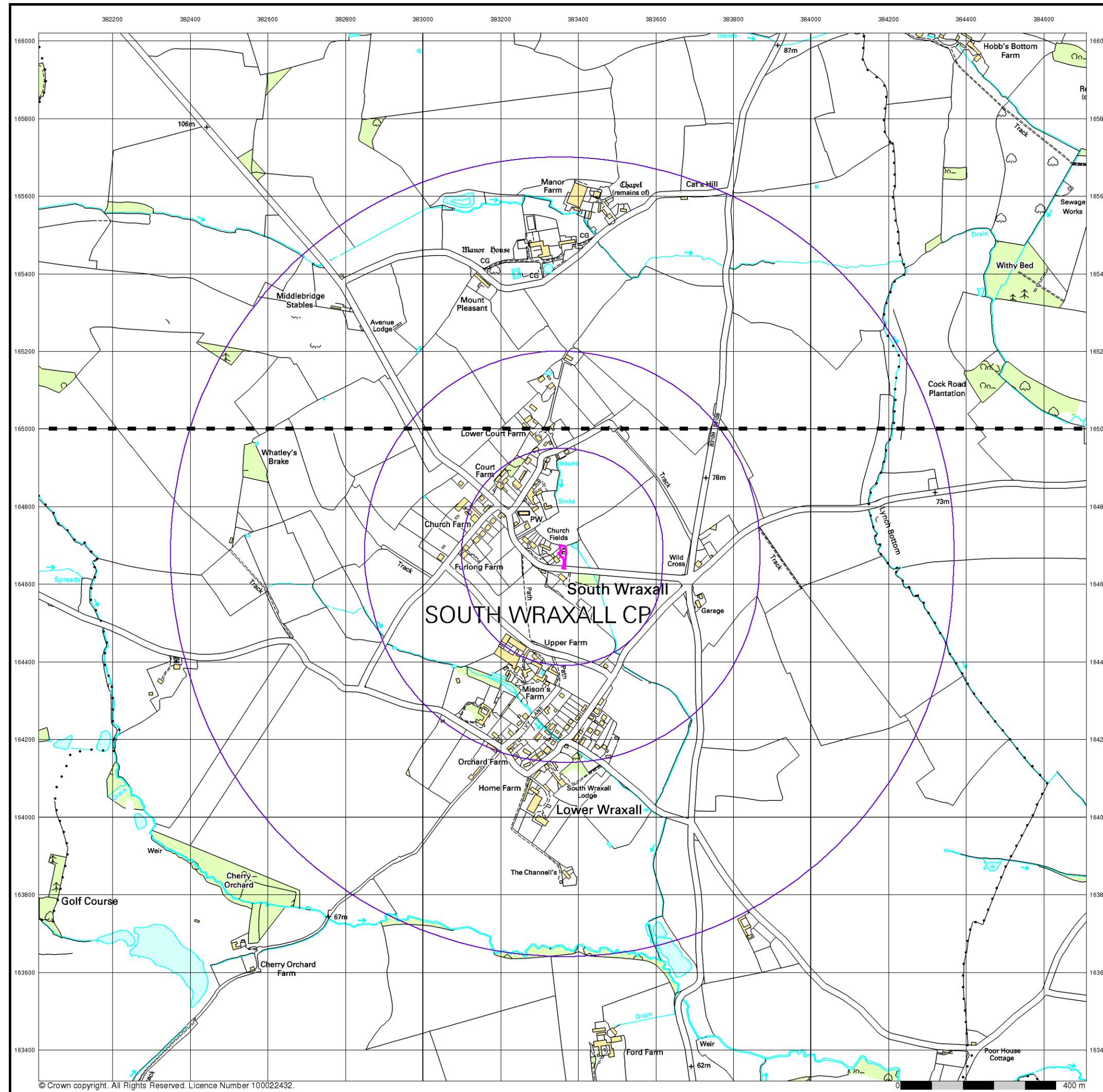
Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

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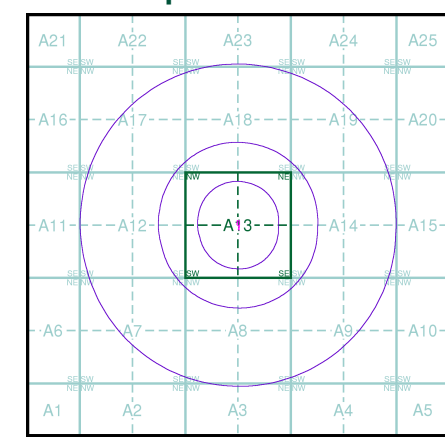
10k Raster Mapping
Published 1999 - 2000
Source map scale - 1:10,000

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)

ST86NW	1999	1:10,000
ST86SW	2000	1:10,000

Historical Map - Slice A

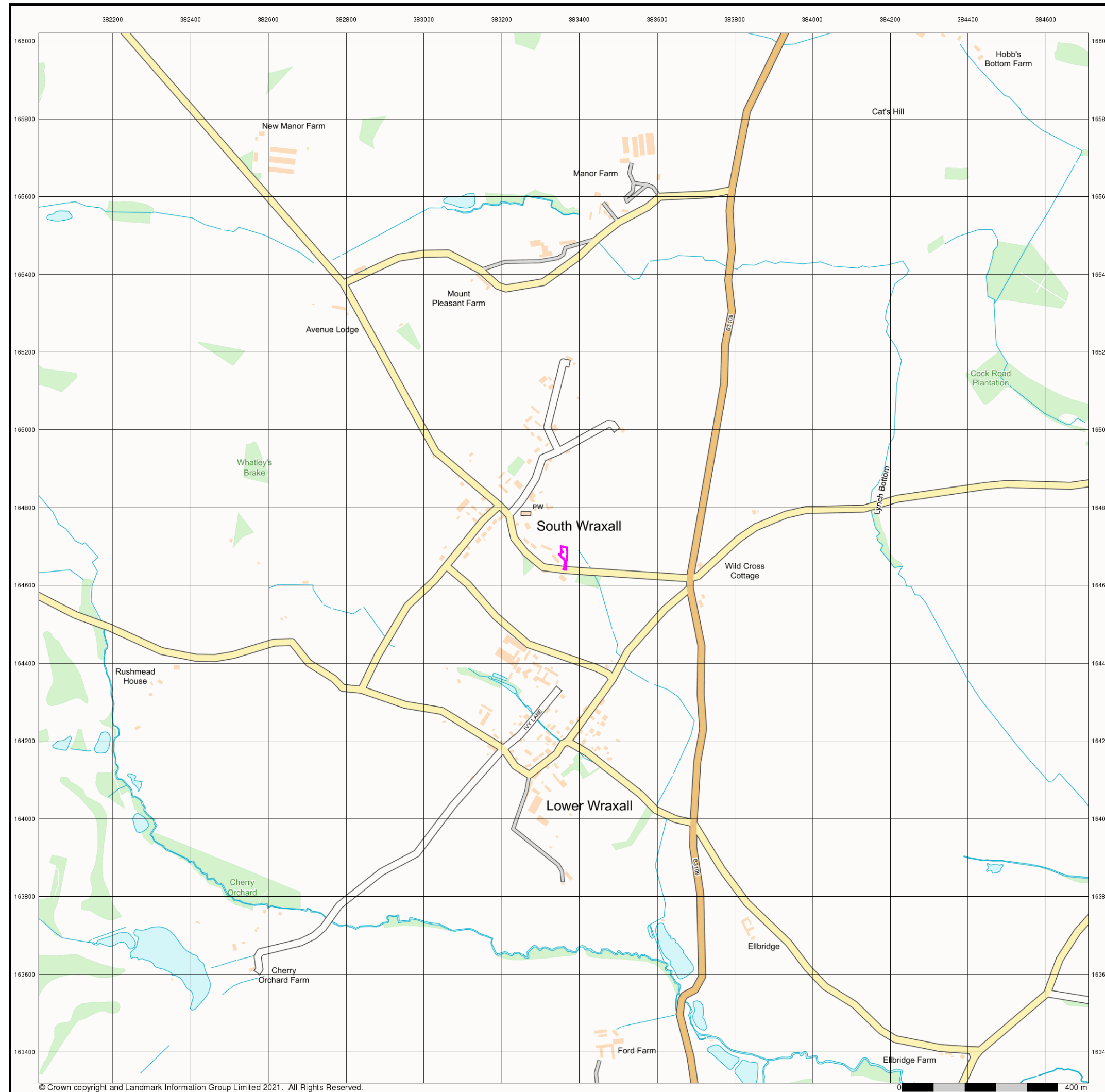


Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB



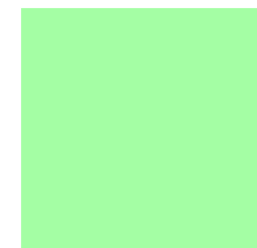
Street View

Published 2021

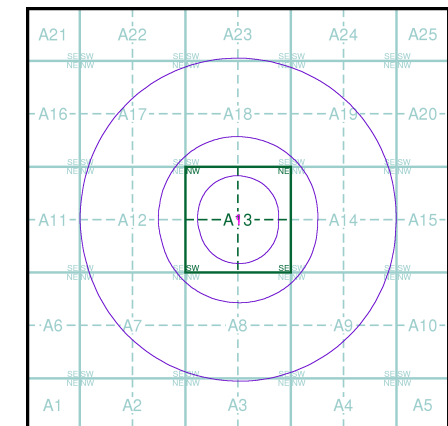
Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

Map Name(s) and Date(s)



Street View Map - Slice A



Order Details

Order Number: 287854663_1_1
Customer Ref: 75865
National Grid Reference: 383360, 164670
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Church Fields, Upper South Wraxall, BA15 2SB

3.6 BGS Borehole Records

BGS Borehole records for boreholes located c. 80 m south west and c. 120 m north of the Site.
(Contains British Geological Survey materials © NERC 2021)

ST86SW105

ST 86 SW 8344, 6465 105

STRUCTURAL SOILS

BOREHOLE LOG

Contract South Wrexall				Client Wessex Water				Borehole No BH3	
Job No 90664		Start 12.08.99 End 12.08.99		Ground Level (m AOD)		Co-Ordinates		Sheet 1 of 1	

Samples and In-situ Tests					Description of Strata	Depth (Thickness)	Legend
Depth	No	Type	Blows	Water			
					TOPSOIL: Loose dark brown slightly clayey and sandy silt with occasional plant rootlets.	0.30	
0.50	1	D			Firm to stiff brown orange mottled CLAY. (Forest Marble)		
1.00	2	U	36			(1.70)	
1.60	3	D				2.00	
2.00	4	U	42		Stiff grey brown mottled thickly laminated CLAY with gypsum crystals. (Forest Marble)	(0.90)	
2.60	5	D				2.90	
2.90	6	D			Stiff grey mottled brown thickly laminated slightly sandy CLAY with occasional thin layers of grey fine grained limestone (5mm), and occasional angular medium to coarse gravel of yellow siltstone. (Forest Marble Clay)	3.50	
3.00	7	SPT	34		Borehole terminated at 3.50m depth.		

Boring Progress and Water Observations					Chiselling		General Remarks
Date	Time	Borehole Depth	Casing Depth	Casing Diameter	Water Depth	From To Hours	

All dimensions in metres	Method	Drilled By	Logged By	Checked By
1.00	Cable Percussion	DS	CW	

ST86SW107

ST 86 SW

8337, 6479

107



STRUCTURAL SOILS

BOREHOLE LOG

Contract South Wrexall				Client Wessex Water				Borehole No BH4A			
Job No 90664		Start 13.08.99		End 13.08.99		Ground Level (m AOD)		Co-Ordinates		Sheet 1 of 1	
Samples and In-situ Tests						Description of Strata		Depth (Thickness)	Legend		
Depth	No	Type	Blows	Water	In-situ						
						TOPSOIL: Loose dark brown slightly sandy silt with occasional plant rootlets.		0.50			
0.50	1	D									
0.70	2	U	27			Firm brown grey CLAY with a little gravel of limestone. (Forest Marble Clay)		(1.10)			
1.30	3	D						1.60			
1.60	4	D	53			Firm to stiff light grey, light brown mottled CLAY with a little fine to medium gravel of limestone. (Forest Marble Clay)		2.20			
1.70	5	U									
2.30	6	D				Stiff grey brown orange mottled slightly sandy CLAY with a little fine gravel of limestone. (Forest Marble Clay)		(1.40)			
2.70	7	U	52					3.60			
3.60	8	D						3.70			
3.70	9	CPT	225*			Grey fine grained LIMESTONE, moderately weak. (Forest Marble) Borehole terminated at 3.70m depth.					
Boring Progress and Water Observations						Chiselling			General Remarks		
Date	Time	Borehole Depth	Casing Depth	Casing Diameter	Water Depth	From	To	Hours			
13.08.99						3.60	3.70	1.00	* Extrapolated SPT N value based upon seating drive only.		
All dimensions in metres				Method	Drilled	Logged	Checked				