



EnviroSmart Plus

(Phase 1 Contaminated Land Assessment)

Site address	Land at Little Meadow Yapton West Sussex BN18 0JY
Site coordinates	497690, 101800
Report prepared for	Ava Lettings Ltd. 66 Flansham Lane Felpham Bognor Regis West Sussex PO22 6AH
Report reference	73344R1
Report status	Final
Date issued	July 2020
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Report summary: contaminated land risks

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).

As such, potential contaminated land risks have been assessed by considering two key items:

1. The likelihood that **sources of contamination** are present within the sub surface beneath the site. This gives a measure of the potential for contamination to be occurring at the site.
2. The **consequence or severity of any impacts** should contamination be present. The consequence or severity of impact is inferred from the nature of any **potential receptors** (i.e., something that could be adversely affected by a contaminant, such as people, an ecological system, property or a water body) as well as any **relevant pathways** (i.e., a route or means by which a receptor can be exposed to or affected by a contaminant) relating to the site and the surrounding area.

The assessment findings are summarised as follows - **note these are the maximum risks and are likely to be localised, the full risk assessment is presented in Section 2.6 which shows a generally low risk across the Site:**

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	

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

It is acknowledged that the risk assessment findings are based on documentary sources of information alone. Typically a proportionate programme of intrusive site investigations would be required to fully verify these findings.

Recommendations (for next steps)

Proposed amenity space area of the Site		
✓	Phase 2 site investigation	Given the nature of the historical land use and also the observed leaking Oil Water Interceptor it is considered likely that contamination will be present in this area of the Site, albeit this could be localised. It is therefore 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.
Proposed employment area of the Site		
✓	No immediate action but observe a watching brief	It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground) would likely be sufficient. Noting that the recommended intrusive investigation associated with the leaking OWI above is likely to encroach into the employment area.
Proposed mixed use housing and self build housing areas of the Site		
✓	No immediate action but observe a watching brief	It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground) would likely be sufficient.

GeoSmart would be delighted to provide further information and a site specific quotation in relation to the above recommendations.

Please contact info@geosmartinfo.co.uk for further advice.

1. Introduction

1.1 Background

The study site (from herein known as 'the Site') is situated at Land at Little Meadow in Yapton, West Sussex. A location plan of the Site is shown in Section 1.5. An indicative proposed development plan of the Site is shown in Section 1.6.

GeoSmart was commissioned by Ava Lettings Ltd. In June 2020 to undertake a Phase 1 Land Quality Assessment for the Site. The report has been requested by in order to support an Outline Planning Application to Arun District Council.

The proposed development is for mixed residential (approximately 81 new dwellings) and employment (3 additional units) use with associated amenity space, landscaped areas and village hall. The Site is divided into four areas for the purpose of this assessment - employment area, amenity space area, mixed use housing area and self build housing area as shown in Section 1.6.

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

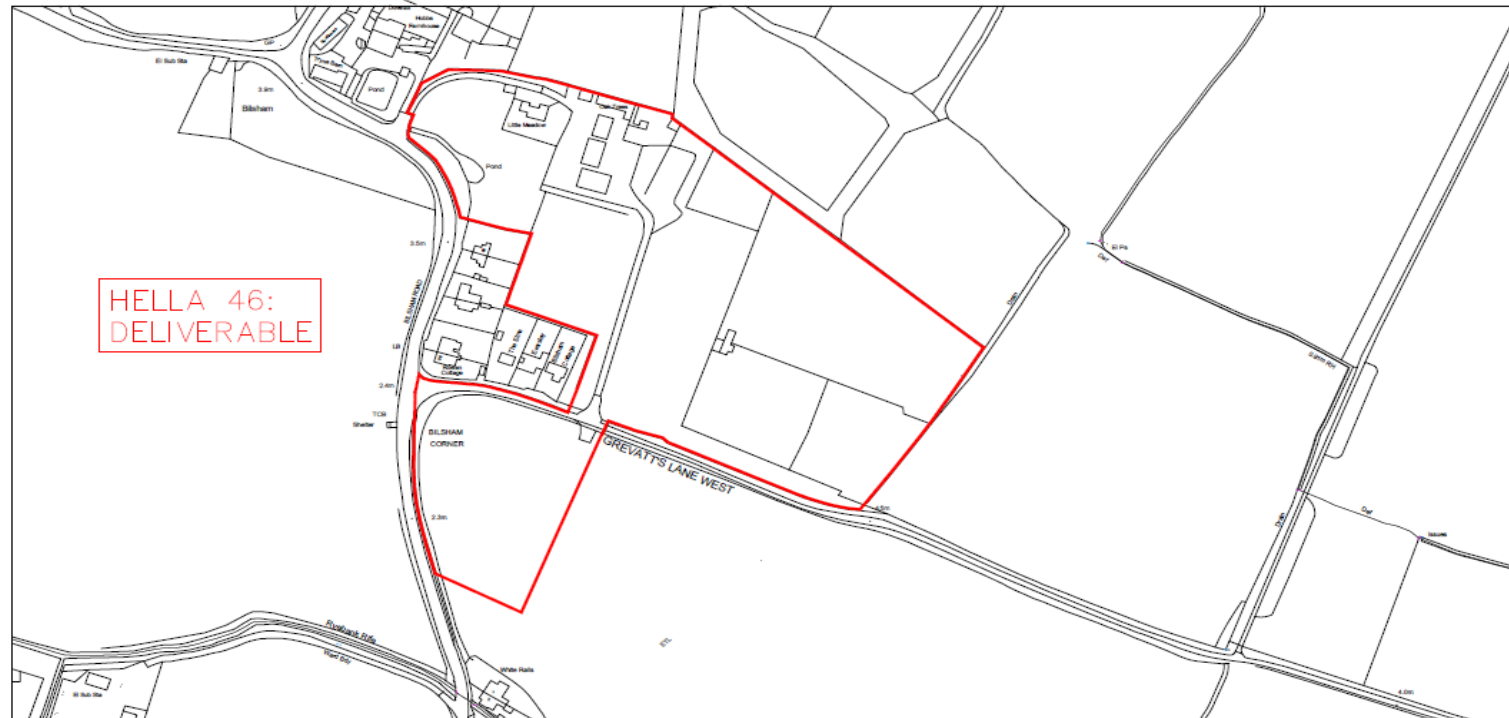
1.4 Report limitations

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. Introduction

1.5 Site location plan



Location Plan: 1:2500

Land at Little Meadow, Yapton, West Sussex, BN18 0JY	SITE PLAN		 Critchley Architecture And Design Contact: 02392 474 919 info@caad.online The Old Brewery, 15 E South Street, Havant, PO9 1BU		Scale A3 = As Shown Drawn OS Date 07/06/18 18064-101 ⁰
	Revisions	a) Note/Date/Initial b) c)			

1.6 Proposed Site development plan



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COUNCIL Y/70/20/OUT

2. Land quality assessment



2.1 Site details

Site name:	Land at Little Meadow	Current land cover:	Predominantly agricultural fields including access tracks. A commercial area in the north of the Site has areas of hard standing and buildings. A residential dwelling is also present in the north west of the Site.
Current use:	Agricultural, commercial and residential		
Proposed use:	Mixed residential / commercial	Site area:	5.69 ha

2.2 Conceptual understanding (potential sources of contamination)

 Site history <i>(historical land use taken within 250m radius of the Site boundary)</i>	Date	Description of land use		POTENTIAL SOURCES OF CONTAMINATION	Source description	LIKELY PROBABILITY OF CONTAMINATION
		On-Site	Off-Site			
	1876	The Site is undeveloped agricultural land. A pond is present in the north west corner and a track / road bisects the Site in the south.	Bilsham Farm is located adjacent to the north west of the Site along with an associated pond. Several residential properties are located to the west of the Site.		The land use history suggests that there is the potential for contamination to have occurred on-Site relating to the following:	
	1898	No change.	Bilsham Farm is now labelled Hobbs Farm with Bilsham Farm further to the north east. Four new properties are positioned close to the western Site boundary.		Agricultural and Residential Use	
	1912	No change.	Two additional semi-detached properties are located close to the western Site boundary.		- Bulk storage of fuels and/or miscellaneous chemicals.	
	1937/1940	A large rectangular feature is present in the north western corner of the Site. The nearby pond feature is reduced in size. The track bisecting the southern Site area is labelled as Grevatt's Lane.	Two further detached properties are located close to the western Site boundary.		- Miscellaneous small scale fuel and chemical spills (i.e., fuels used for heating/agricultural machinery/other vehicles, oils and lubricants, herbicides/pesticides, fertilisers, paints/thinners, creosote, etc.).	
	1951	No change.	No change.		- Potential for localised/historical deposition of domestic/agricultural waste materials.	
	1962	No change.	No change.		- Made Ground associated with former development/demolition activities.	
	1967	No change.	No change.		- 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.	
	1975/1977	The large rectangular feature is no longer shown and the 'Little Meadow' property is now shown in the north with two associated small rectangular buildings south east of Little Meadow. The majority of the Site remains undeveloped.	Several additional structures are evident in relation to Hobbs Farm to the north-west of the Site.		- Localised disposal of effluent wastes.	
	1980	No change.	An electricity sub station is shown c. 150m to the south west.		Commercial / Industrial Use (note: the historical/existing commercial land use area is consistent with the proposed commercial land use extents)	
	1983	An additional structure is present to the east of Little Meadow.	No change.		- Potential for bulk storage of fuels and/or miscellaneous chemicals.	
	1992/1994	Additional buildings are present to the east of Little Meadow, along the northern Site boundary.	No change.		- Miscellaneous fuel and chemical spills (i.e., fuels used for heating & powering machinery/vehicles, oils and lubricants, paints/thinners, degreasers, etc.).	
					- Potential for localised deposition of boiler ash/coke and other industrial combustion wastes and by-products.	
					- 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.	



	Date	Description of land use		POTENTIAL SOURCES OF CONTAMINATION	Source description	LIKELY	PROBABILITY OF CONTAMINATION
		On-Site	Off-Site				
	2000	An additional building is shown to the east of Little Meadow.	No change.		<i>As above</i>		
	2020	An additional modest building is shown to the east of Little Meadow. A building is shown in the central part of the Site where the current stables are located.	No change.				
	Aerial Imagery 2001	The commercial area in the north of the Site (to the east of Little Meadow) is clearly developed and in use. The land surrounding the commercial structures is laid to hard standing. The southern portion of the Site forms part of a larger field to the east.	No significant additional features compared to the OS mapping.				
	Aerial Imagery 2002	A building appears to be present in the central area of the Site where the current stables are located.	No change.				
	Aerial Imagery 2005	No significant changes.	No change.				
	Aerial Imagery 2007	The commercial area has an additional building to the south of the pre-existing structures. The southern portion of the Site is now separated from the adjacent larger field.	No change.				
	Aerial Imagery 2012 -2015	Little change - some additional containers are shown within the commercial area.	No change.				
	Aerial Imagery 2018	The commercial area has been expanded eastwards including additional buildings, vehicle parking and miscellaneous material/equipment storage.	No change.				
	Aerial Imagery 2019	Little change. The field in the southern portion of the Site appears to be overgrown.	No change.				

2. Land quality assessment



2.2 Conceptual understanding (potential sources of contamination)

 Current land use	The Site is currently mixed use including predominantly agricultural land with some commercial/industrial and residential use. There are no known buried storage tanks at the Site. There is known bulk fuel and/or chemical storage on Site. Bulk waste oil storage is however present on Site. Additional information concerning the current Site condition is presented in Section 2.5 (site walkover information).	POTENTIAL SOURCES OF CONTAMINATION	Given the Site's current use, there is potential for localised contamination relating to the following: Given the ongoing presence of bulk waste oil storage on-Site and activities in the commercial/industrial area including vehicle wash down with run-off discharged through an Oil Water Interceptor (OWI), there is potential for leakage to be occurring, which may impact on the prevailing land quality (see Section 2.5 for further details).	LIKELY																																																					
 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: <table><thead><tr><th>Distance from Site</th><th>Number of active industrial land uses</th><th>Number of inactive industrial land uses</th></tr></thead><tbody><tr><td>0 - 50 m</td><td>2</td><td>1</td></tr><tr><td>51 - 100m</td><td>0</td><td>0</td></tr><tr><td></td><td>0</td><td>0</td></tr></tbody></table> <table><thead><tr><th>Nr</th><th>Nearest distance</th><th>Land use / permitted activity / authorisation</th></tr></thead><tbody><tr><td>0</td><td>NA</td><td>Fuel station entries</td></tr><tr><td>0</td><td>NA</td><td>Gas pipelines</td></tr><tr><td>0</td><td>NA</td><td>Underground electrical cables</td></tr><tr><td>0</td><td>NA</td><td>Control of major accident hazards sites (COMAH)</td></tr><tr><td>0</td><td>NA</td><td>Notification of installations handling hazardous substances (NIHHS)</td></tr><tr><td>0</td><td>NA</td><td>Explosives sites</td></tr><tr><td>0</td><td>NA</td><td>Planning hazardous substance consents</td></tr><tr><td>0</td><td>NA</td><td>Planning hazardous substance enforcements</td></tr><tr><td>0</td><td>NA</td><td>Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990</td></tr><tr><td>4</td><td>15m</td><td>Records of Licensed Discharge Consents.</td></tr><tr><td>0</td><td>NA</td><td>Local Authority pollution prevention and control sites</td></tr><tr><td>0</td><td>NA</td><td>Local Authority pollution prevention and control enforcements</td></tr><tr><td>0</td><td>NA</td><td>Records of Category 3 or 4 Radioactive Substance Licences</td></tr></tbody></table>		Distance from Site	Number of active industrial land uses	Number of inactive industrial land uses	0 - 50 m	2	1	51 - 100m	0	0		0	0	Nr	Nearest distance	Land use / permitted activity / authorisation	0	NA	Fuel station entries	0	NA	Gas pipelines	0	NA	Underground electrical cables	0	NA	Control of major accident hazards sites (COMAH)	0	NA	Notification of installations handling hazardous substances (NIHHS)	0	NA	Explosives sites	0	NA	Planning hazardous substance consents	0	NA	Planning hazardous substance enforcements	0	NA	Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990	4	15m	Records of Licensed Discharge Consents.	0	NA	Local Authority pollution prevention and control sites	0	NA	Local Authority pollution prevention and control enforcements	0	NA	Records of Category 3 or 4 Radioactive Substance Licences	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: Hyams Autolift (on Site), forklift trucks (1x Active & 1x Inactive). Hyams Autolift (on Site), road haulage services (Active). Records of Licensed Discharge Consents Little Meadow, Hobbs Farm (15m north west), sewage discharge to soakaway. 2 White Rails Cottage (c. 75m south), sewage discharge to stream. 1 White Rails Cottage (c. 75m south), sewage discharge to stream. Gypsy Caravan Site, Middleton-on-Sea (c. 105m south), sewage discharge to stream.
Distance from Site	Number of active industrial land uses	Number of inactive industrial land uses																																																							
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PROBABILITY OF CONTAMINATION

2. Land quality assessment



2.2 Conceptual understanding (potential sources of contamination)				
 EA recorded pollution incidents (see environmental data report in Section 3.3 for full listing)	One or more Environment Agency pollution incidents have been recorded within 250 m of the Site. These include: An incident occurred in 1995 c. 110 m south of the Site. The pollutant was sewage - treated effluent and the incident was categorised as minor.	POTENTIAL SOURCES OF CONTAMINATION	Given the scale, timing, location and nature of the recorded incidents these past events do not appear to pose a significant contamination hazard to the Site.	NEGLECTIBLE
 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 that the underlying superficial geology consists of River Terrace Deposits (undifferentiated) which comprise sand, silt and clay and are classified as a Secondary (A) Aquifer. British Geological Survey mapping indicates that the bedrock geology consists of Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation (undifferentiated), which comprises of chalk and is classified as a Principal Aquifer. The Site does not lie within a groundwater Source Protection Zone (SPZ). The following groundwater abstraction licences are held within 1 km of the Site: The Donald Langmead Partnership general farming and domestic water abstraction located c. 915 m 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. A Principal Aquifer comprises rock or drift deposits that have high permeability - meaning they usually provide a high level of water storage. They may support strategic water supply and/or river base flow. 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.	SEVERE
 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.		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.	MINOR
POTENTIAL SEVERITY OF IMPACT				

2. Land quality assessment

2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)				
 Surface water (see the environmental data report in Section 3.3 for full details)	The nearest water feature is the pond, located on-Site. There are also a number of drains and small streams in the vicinity including a drainage ditch along the eastern boundary. The Site lies within a Flood Zone 1, although the extreme south western boundary is adjacent to Flood Zone 2. The following surface water abstraction licences are held within 1 km of the Site: I R Gibbs spray irrigation water abstractions (x2) located c. 370 m south east and c. 420 m south of the Site respectively.	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
 Environmental designations (see the environmental data report in Section 3.3 for full details)	There are no environmentally sensitive land uses within 500 m of the Site.		No relevant environmentally designated sites/receptors have been identified.	NEGLECTIBLE
 Human receptors	Proposed residents/users of the Site plus neighbouring residences.		Human receptors are proposed to be present on Site.	SEVERE

2. Land quality assessment



2.4 Regulator perspective		
Consultation date	18/06/20	Arun Council
GeoSmart consultant	Jessica Bayliff	Pollution@arun.gov.uk
Consultation outcome	The Council responded on the 23/06/2020 to a consultation request by GeoSmart. The Council declined to answer any queries relating to the Site other than through formal chargeable consultation.	



2. Land quality assessment

2.5 Site inspection (see photographs in section 3.2)			
Inspection date	30th June 2020	General site description	Tidy mixed use Site (agricultural, commercial and residential)
GeoSmart consultant	Alan White	Site contact (position)	Tim (site representative)
Topography	The Site and surrounding land are generally level. There is a depression in the north west corner of the Site with a pond in the lowest point. The boundary line in the south east adjacent to Grevatt's Lane is formed of an earth bund understood to contain soil from the adjacent field.	Ground cover	The following descriptions are made with reference to the proposed development plan in Section 1.6. - The area of proposed self build housing in the southern portion of the Site relates to a field which appeared to have been recently cleared of scrub vegetation. - The proposed mixed use housing area in the east of the Site was grass fields used for horse grazing; a small wooden stable block with some concrete hardstanding was present in the central western Site area. - A concrete track runs from Grevatt's Lane to the existing employment area. This area was predominantly concreted with the eastern area being laid with hardcore surfacing. - the proposed amenity space in the western and north western part of the Site was grassed with a pond present at the low point.
Current site land use	Predominantly agricultural and grass land. The northern employment area was under commercial industrial use with a number of tenants. Uses include forklift repair and steam cleaning, classic car restoration, storage of car valeting supplies, office furniture storage, storage of scaffolding, storage of Heras fencing and storage of tree surgery equipment. A residential dwelling is located close to the northern Site boundary to the west of the employment area.	On-Site structures	With the exception of the wooden stable block located in the central eastern area of the Site, all buildings are associated with the northern employment area and adjacent residential dwelling.
Visual / olfactory evidence of contamination	- Visual evidence of contamination was noted just beyond the south west corner of the employment area where an Oil Water Interceptor (OWI) was seen to be releasing oily water onto the ground which was subsequently running down into the depression towards the pond in the north western part of the Site, although no evidence of oil was noted in the pond. - There was evidence of small spills in the vicinity of the waste oil tank in the south western corner of the employment area. - A small area of burning was noted in the field just to the east of the employment area. - Burning of garden waste was being undertaken in a metal container in the south east corner of the Site next to a small mound of what appeared to be crushed demolition rubble.	On-Site drainage	Most of the Site appeared to drain naturally to ground, whereas the employment area had the following arrangements: Surface water runoff from the eastern area was collected and discharged to a soakaway located within the grassed area just to the south. Surface water runoff from the western area (including forklift steam cleaning area) was collected and discharged to soakaway via an OWI just outside the south western corner of the employment area; at the time of the Site visit the OWI appeared to need urgent maintenance / repair. Foul drainage from the employment area discharged to a septic tank located in the field to the south of the employment area.



2. Land quality assessment

2.5 Site inspection (see photographs in section 3.2)				
Bulk storage tanks (fuel and chemical storage)	A integrally bundled, above ground waste oil tank of approximately 250 litres capacity was located in the south western corner of the employment area. Other small quantities of oils and chemicals were stored appropriately in the employment area.		Invasive species	No direct evidence of any invasive species was observed during the Site walkover, although it is understood separate ecological surveys are being undertaken.
Neighbouring land uses	North	Agricultural land and a farm.	Off-Site contaminant sources	No visual or olfactory evidence of any off-Site contamination was observed during the Site walkover.
	South	Agricultural land.		
	East	Agricultural land.		
	West	Residential and agricultural.		
Local water features	A small pond was located in the north western part of the Site at the low point of the Site. No other surface water features were observed within the immediate vicinity of the Site during the site walkover.		Distance to nearest residential property	The nearest residential accommodation is currently located within the northern part of the Site.
Comments				



2. Land quality assessment

2.6 Preliminary Risk Assessment (proposed amenity space area of the Site)								
Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site and immediately adjacent sources								
Commercial/industrial use, faulty OWI, former structure in the north west / agricultural use								
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	Current/future Site occupants	MEDIUM	LIKELY	MODERATE RISK	Given the visual observations made on Site, the identified contamination has the potential to impact on future site users. However, it is noted that the contamination is likely to be localised.
2		Consumption of home grown produce (possibly associated with village hall)	HH		MEDIUM	LIKELY	MODERATE RISK	
3		Ingress into water supply pipework and subsequent water ingestion (possibly associated with village hall)	HH		MEDIUM	LIKELY	MODERATE RISK	Given the expected presence of localised contamination beneath the Site, it is considered likely that there are contaminants present which could impact water supply pipework (subject to the pipework routing). It is recommended that any new water supply is installed in clean fill trenches utilising barrier pipework as a precaution.
4		Building materials in direct contact with aggressive ground (possibly associated with village hall)	PROP	Current/future Site buildings	MILD	LOW LIKELIHOOD	LOW RISK	Given the potential presence of contamination beneath the Site, it would be considered prudent to verify the underlying ground conditions prior to foundation design.
5		Dissolution into pore water/shallow groundwater and subsequent migration	CW	River Terrace Deposits (undifferentiated) (a Secondary (A) Aquifer)	MEDIUM	HIGH LIKELIHOOD	HIGH RISK	The identified contamination could impact groundwater quality within the superficial and bedrock aquifers. It is noted that the contamination is likely to be localised. The risks will also be constrained by the absence of any local licensed abstractions or SPZs.
6		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Chalk (a Principal Aquifer)	MEDIUM		HIGH RISK	
7		Dissolution into pore water/shallow groundwater and subsequent lateral migration	CW	On-Site pond	MILD	LIKELY	MODERATE/LOW RISK	The local geological setting suggests that any groundwater occurring beneath the site is likely to migrate readily towards the nearest surface water feature. Water from the OWI was noted to be flowing towards the pond, but there was no evidence of an oil sheen in the pond at the time of the walkover.
8		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MILD	LIKELY	MODERATE/LOW RISK	
9		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	No sensitive ecological designations have been identified	NEGLIGIBLE	NEGLIGIBLE	NO DISCERNABLE RISK	The risk classification reflects the absence of identified sensitive land use.



2. Land quality assessment

2.6 Preliminary Risk Assessment (proposed amenity space area of the Site)								
Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
10	Potential for volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Current/future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the visual observations made on Site, the identified contamination has the potential to impact on future site users. However, it is noted that the contamination is likely to be localised.
11		Consumption of home grown produce	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
12		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	LIKELY	MODERATE RISK	Given the expected presence of localised contamination beneath the Site, it is considered likely that there are contaminants present which could impact water supply pipework (subject to the pipework routing). It is recommended that any new water supply is installed in clean fill trenches utilising barrier pipework as a precaution.
13		Migration of vapours to surface; inhalation indoors	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The proposed village hall is relatively close to the area of observed contamination. However, the absence of any residential accommodation will limit the significance of the soil vapour pathway.
14		Migration of vapours to surface; inhalation outdoors	HH		MEDIUM	UNLIKELY	LOW RISK	
15		Building materials in direct contact with aggressive ground	PROP	Current/future Site buildings	MILD	LOW LIKELIHOOD	LOW RISK	Given the potential presence of contamination beneath the Site, it would be considered prudent to verify the underlying ground conditions prior to foundation design.
16		Dissolution into pore water/shallow groundwater and subsequent migration	CW	River Terrace Deposits (undifferentiated) (a Secondary (A) Aquifer)	MEDIUM	HIGH LIKELIHOOD	HIGH RISK	The identified contamination could impact groundwater quality within the superficial and bedrock aquifers. It is noted that the contamination is likely to be localised. The risks will also be constrained by the absence of any local licensed abstractions or SPZs.
17		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Chalk (a Principal Aquifer)	MEDIUM	HIGH LIKELIHOOD	HIGH RISK	
18		Dissolution into pore water/shallow groundwater and subsequent migration	CW	On-Site pond	MILD	LIKELY	MODERATE/LOW RISK	The local geological setting suggests that any groundwater occurring beneath the site is likely to migrate readily towards the nearest surface water feature.
19		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MILD	LIKELY	MODERATE/LOW RISK	
20		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	No sensitive ecological designations have been identified	NEGLIGIBLE	NEGLIGIBLE	NO DISCERNABLE RISK	The risk classification reflects the absence of identified sensitive land use.



2. Land quality assessment

2.6 Preliminary Risk Assessment (proposed amenity space area of the Site)

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
21	Potential for asbestos containing materials within the subsurface soils	Liberation of sub surface ACMs and inhalation of asbestos fibres	HH	Current/future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the age of the features formerly present in the north west corner of the Site there is the potential that asbestos containing material may be present within the near-surface soils as a result of former demolition activities.
22	Potential for dissolved phase contaminants to be present within shallow groundwater	Lateral and vertical groundwater movement via natural or artificial flow paths	CW	River Terrace Deposits (undifferentiated) (a Secondary (A) Aquifer)	MEDIUM	HIGH LIKELIHOOD	HIGH RISK	The identified contamination could impact groundwater quality within the superficial and bedrock aquifers. It is noted that the contamination is likely to be localised. The risks will also be constrained by the absence of any local licensed abstractions or SPZs.
23		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Chalk (a Principal Aquifer)	MEDIUM	HIGH LIKELIHOOD	HIGH RISK	
24		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	On-Site pond	MILD	LIKELY	MODERATE/LOW RISK	The local geological setting suggests that any groundwater occurring beneath the site is likely to migrate readily towards the nearest surface water feature.
25		Lateral and vertical groundwater movement via natural or artificial flow paths	ECO	No sensitive ecological designations have been identified	NEGLECTIBLE	NEGLECTIBLE	NO DISCERNABLE RISK	The risk classification reflects the absence of identified sensitive land use.
26	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	The gas generation potential of on site materials is considered to be limited. The risk classification is a reflection of the severity of consequences rather than the likelihood of occurrence.
27		Lateral migration towards off-Site buildings; potential to cause an explosion	HH	Off-Site properties and their occupants	SEVERE	UNLIKELY	MODERATE/LOW RISK	
28	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	
29		Lateral migration towards off-Site buildings; potential to cause asphyxiation	HH	Occupants of off-Site buildings	SEVERE	UNLIKELY	MODERATE/LOW RISK	
30	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							HIGH RISK	



2. Land quality assessment

2.6 Preliminary Risk Assessment (proposed employment area of the Site)								
Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site sources Commercial/industrial use								
31	Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Current/future Site occupants	MEDIUM	UNLIKELY	LOW RISK	It is likely that the majority of the area will be hard surfaced reducing the likelihood of routine exposure to any subsurface contamination. The employment area is also of relatively low sensitivity due to the anticipated exposure characteristics.
32		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the likely presence of Made Ground and possible localised ground contamination it would be prudent to ensure any new water supply was installed in clean fill trenches utilising barrier pipework as a precaution.
33		Building materials in direct contact with aggressive ground	PROP	Current/future Site buildings	MILD	UNLIKELY	VERY LOW RISK	Aggressive ground conditions are not anticipated to be present.
34		Dissolution into pore water/shallow groundwater and subsequent migration	CW	River Terrace Deposits (a Secondary A Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The potential presence of contaminants could impact groundwater quality within the superficial and bedrock aquifers. Any such risks will be constrained by the absence of any local licensed abstractions or SPZs.
35		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Chalk (a Principal Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
36		Dissolution into pore water/shallow groundwater and subsequent lateral migration	CW	Pond (on-Site)	MILD	LOW LIKELIHOOD	LOW RISK	The local geological setting suggests that any groundwater occurring beneath the site could migrate towards the nearest surface water feature.
37		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MILD	LOW LIKELIHOOD	LOW RISK	
38		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	No sensitive ecological designations have been identified	NEGLECTIBLE	NEGLECTIBLE	NO DISCERNABLE RISK	The risk classification reflects the absence of identified sensitive land use.



2. Land quality assessment

2.6 Preliminary Risk Assessment (proposed employment area of the Site)								
Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
39	Potential for volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Current/future Site occupants	MEDIUM	UNLIKELY	LOW RISK	It is likely that the majority of the area will be hard surfaced reducing the likelihood of routine exposure to any subsurface contamination. The employment area is also of relatively low sensitivity due to the anticipated exposure characteristics.
40		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the likely presence of Made Ground and possible localised ground contamination it would be prudent to ensure any new water supply was installed in clean fill trenches utilising barrier pipework as a precaution.
41		Migration of vapours to surface; inhalation indoors	HH		MEDIUM	UNLIKELY	LOW RISK	The employment area is relatively close to the area of observed contamination to the south. However, the absence of any residential accommodation will limit the significance of the soil vapour pathway.
42		Migration of vapours to surface; inhalation outdoors	HH		MEDIUM	UNLIKELY	LOW RISK	
43		Building materials in direct contact with aggressive ground	PROP	Current/future Site buildings	MILD	UNLIKELY	VERY LOW RISK	Aggressive ground conditions are not anticipated to be present.
44		Dissolution into pore water/shallow groundwater and subsequent migration	CW	River Terrace Deposits (a Secondary A Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The potential presence of contaminants could impact groundwater quality within the superficial and bedrock aquifers. Any such risks will be constrained by the absence of any local licensed abstractions or SPZs.
45		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Chalk (a Principal Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
46		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Pond (on-Site)	MILD	LOW LIKELIHOOD	LOW RISK	The local geological setting suggests that any groundwater occurring beneath the site could migrate towards the nearest surface water feature.
47		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MILD	LOW LIKELIHOOD	LOW RISK	
48		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	No sensitive ecological designations have been identified	NEGLECTIBLE	NEGLECTIBLE	NO DISCERNABLE RISK	The risk classification reflects the absence of identified sensitive land use.



2. Land quality assessment

2.6 Preliminary Risk Assessment (proposed employment area of the Site)								
Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
49	Potential for asbestos containing materials within the subsurface soils	Liberation of sub surface ACMs and inhalation of asbestos fibres	HH	Current/future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the age of the existing structures asbestos containing material is unlikely to be present but there is the potential that former buildings may have contained asbestos which may be present within the near-surface soils as a result of former demolition activities.
50	Potential for dissolved phase contaminants to be present within shallow groundwater	Lateral and vertical groundwater movement via natural or artificial flow paths	CW	River Terrace Deposits (a Secondary A Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The potential presence of contaminants could impact groundwater quality within the superficial and bedrock aquifers. Any such risks will be constrained by the absence of any local licensed abstractions or SPZs.
51		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Chalk (a Principal Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
52		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Pond (on-Site)	MILD	LOW LIKELIHOOD	LOW RISK	The local geological setting suggests that any groundwater occurring beneath the site could migrate towards the nearest surface water feature.
53		Lateral and vertical groundwater movement via natural or artificial flow paths	ECO	No sensitive ecological designations have been identified	NEGLIGIBLE	NEGLIGIBLE	NO DISCERNABLE RISK	The risk classification reflects the absence of identified sensitive land use.
54	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	The gas generation potential of on site materials is considered to be limited. The risk classification is a reflection of the severity of consequences rather than the likelihood of occurrence.
55		Lateral migration towards off-Site buildings; potential to cause an explosion	HH	Off-Site properties and their occupants	SEVERE	UNLIKELY	MODERATE/LOW RISK	
56	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	
57		Lateral migration towards off-Site buildings; potential to cause asphyxiation	HH	Occupants of off-Site buildings	SEVERE	UNLIKELY	MODERATE/LOW RISK	
58	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. Land quality assessment

2.6 Preliminary Risk Assessment (proposed mixed use housing and self build housing areas of the Site)								
Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site sources - Isolated areas used for burning Off-Site sources - Commercial/industrial use, faulty OWI to the north west								
59	Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Current/future Site occupants	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the likely absence of any significant sources of inorganic and low volatility organic contamination.
60		Consumption of home grown produce	HH		MEDIUM	UNLIKELY	LOW RISK	
61		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	UNLIKELY	LOW RISK	
62		Building materials in direct contact with aggressive ground	PROP	Current/future Site buildings	MILD	UNLIKELY	VERY LOW RISK	Aggressive ground conditions are not anticipated to be present.
63		Dissolution into pore water/shallow groundwater and subsequent migration	CW	River Terrace Deposits (a Secondary A Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the likely absence of any significant sources of inorganic and low volatility organic contamination.
64		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Chalk (a Principal Aquifer)	MEDIUM	UNLIKELY	LOW RISK	
65		Dissolution into pore water/shallow groundwater and subsequent lateral migration	CW	Pond (on-Site)	MILD	UNLIKELY	VERY LOW RISK	The risk classification reflects the reasonable distance to the nearest surface water feature and likely absence of any significant sources of inorganic and low volatility organic contamination.
66		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MILD	UNLIKELY	VERY LOW RISK	
67		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	No sensitive ecological designations have been identified	NEGLIGIBLE	NEGLIGIBLE	NO DISCERNABLE RISK	The risk classification reflects the absence of identified sensitive land use.



2. Land quality assessment

2.6 Preliminary Risk Assessment (proposed mixed use housing and self build housing areas of the Site)								
Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
68	Potential for volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Current/future Site occupants	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the likely absence of any significant sources of volatile organic contamination.
69		Consumption of home grown produce	HH		MEDIUM	UNLIKELY	LOW RISK	
70		Ingress into water supply pipework and subsequent water ingestion	HH		MEDIUM	UNLIKELY	LOW RISK	
71		Migration of vapours to surface; inhalation indoors	HH		MEDIUM	UNLIKELY	LOW RISK	'The risk classification reflects the likely absence of any significant sources of volatile organic contamination. The risk may be slightly higher in the vicinity of the employment area.
72		Migration of vapours to surface; inhalation outdoors	HH		MEDIUM	UNLIKELY	LOW RISK	
73		Building materials in direct contact with aggressive ground	PROP	Current/future Site buildings	MILD	UNLIKELY	VERY LOW RISK	Aggressive ground conditions are not anticipated to be present.
74		Dissolution into pore water/shallow groundwater and subsequent migration	CW	River Terrace Deposits (a Secondary A Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the likely absence of any significant sources of volatile organic contamination.
75		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Chalk (a Principal Aquifer)	MEDIUM	UNLIKELY	LOW RISK	
76		Dissolution into pore water/shallow groundwater and subsequent migration	CW	Pond (on-Site)	MILD	LOW LIKELIHOOD	LOW RISK	The risk classification reflects the reasonable distance to the nearest surface water feature and likely absence of any significant sources of volatile organic contamination.
77		Dissolution into aqueous phase and preferential migration via drainage structures	CW		MILD	LOW LIKELIHOOD	LOW RISK	
78		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	No sensitive ecological designations have been identified	NEGLIGIBLE	NEGLIGIBLE	NO DISCERNABLE RISK	The risk classification reflects the absence of identified sensitive land use.



2. Land quality assessment

2.6 Preliminary Risk Assessment (proposed mixed use housing and self build housing areas of the Site)

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
79	Potential for asbestos containing materials within the subsurface soils	Liberation of sub surface ACMs and inhalation of asbestos fibres	HH	Current/future Site occupants	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the likely absence of any sources of asbestos contamination.
80	Potential for dissolved phase contaminants to be present within shallow groundwater	Lateral and vertical groundwater movement via natural or artificial flow paths	CW	River Terrace Deposits (a Secondary A Aquifer)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the likely absence of any significant sources of contamination.
81		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Chalk (a Principal Aquifer)	MEDIUM	UNLIKELY	LOW RISK	
82		Lateral and vertical groundwater movement via natural or artificial flow paths	CW	Pond (on-Site)	MILD	LOW LIKELIHOOD	LOW RISK	The risk classification reflects the reasonable distance to the nearest surface water feature and likely absence of any significant sources of contamination.
83		Lateral and vertical groundwater movement via natural or artificial flow paths	ECO	No sensitive ecological designations have been identified	NEGLIGIBLE	NEGLIGIBLE	NO DISCERNABLE RISK	The risk classification reflects the absence of identified sensitive land use.
84	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	The gas generation potential of on site materials is considered to be limited. The risk classification is a reflection of the severity of consequences rather than the likelihood of occurrence.
85		Lateral migration towards off-Site buildings; potential to cause an explosion	HH	Off-Site properties and their occupants		UNLIKELY	MODERATE/LOW RISK	
86	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		UNLIKELY	MODERATE/LOW RISK	
87		Lateral migration towards off-Site buildings; potential to cause asphyxiation	HH	Occupants of off-Site buildings		UNLIKELY	MODERATE/LOW RISK	
88	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							LOW RISK	



2. Land quality assessment

2.7 Next steps (proposed amenity space area of the Site)			
✓	Phase 2 intrusive investigation		Given the nature of the historical land use and the observed leaking Oil Water Interceptor it is considered likely that contamination will be present in this area of the Site, albeit this could be fairly localised. It is therefore 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
2.7 Next steps (proposed employment area of the Site)			
✓	No immediate action but observe a watching brief		Given the known history of the Site it is considered possible that contamination is present within the sub-surface. However, given that the proposed development in this area is relatively low sensitivity and likely to comprise mostly hard surfaces, the preliminary risk assessment suggests that the risks posed by in situ land quality to human health is therefore likely to be low or moderate/low. It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities will likely be sufficient. Noting that the recommended intrusive investigation associated with the leaking OWI is likely to encroach into the employment area. The watching brief should be maintained throughout the entire development phase of works and any possible evidence of contamination encountered during the redevelopment works should be alerted to the Local Authority. Appropriate actions would then be required to further inspect, sample and analyse any suspect materials, and formulate an appropriate remediation plan, as necessary.
2.7 Next steps (proposed mixed use housing and self build housing areas of the Site)			
✓	No immediate action but observe a watching brief		Given the known history of the Site it is considered unlikely that significant contamination is present within the sub-surface. The preliminary risk assessment suggests that the risks posed by in situ land quality are therefore likely to be low. It is noted that whilst a limited intrusive site investigation (including appropriate laboratory testing of soil samples) could be adopted in order to validate the preliminary risk assessment conclusions, a watching brief during all proposed redevelopment activities and associated ground works (which would include a thorough inspection of any exposed sub surface soils/Made Ground) will likely be sufficient. The watching brief should be maintained throughout the entire development phase of works and any possible evidence of contamination encountered during the redevelopment works should be alerted to the Local Authority. Appropriate actions would then be required to further inspect, sample and analyse any suspect materials, and formulate an appropriate remediation plan, as necessary.

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 Little Meadow, Bilsham Road, Yapton, BN18 0JY. REF: 245138159_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

Disclaimer

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The advice and opinions in this report should be read and relied on only in the context of the report as a whole, taking account of the terms of reference agreed with the client. The findings are based on the information made available to GeoSmart at the date of the report (and will have been assumed to be correct) and on current UK standards, codes, technology and practices as at that time. They do not purport to include any manner of legal advice or opinion. New information or changes in conditions and regulatory requirements may occur in future, which will change the conclusions presented here.

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3. Supporting information

Important consumer protection information

This search has been produced by GeoSmart Information Limited, Suite 9-11, 1st Floor, Old Bank Buildings, Bellstone, Shrewsbury, SY1 1HU.

Tel: 01743 298100

Email: info@geosmartinfo.co.uk

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The Search Code

- provides protection for homebuyers, sellers, estate agents, conveyancers and mortgage lenders who rely on the information included in property search reports undertaken by subscribers on residential and commercial property within the United Kingdom
- sets out minimum standards which firms compiling and selling search reports have to meet
- promotes the best practice and quality standards within the industry for the benefit of consumers and property professionals
- enables consumers and property professionals to have confidence in firms which subscribe to the code, their products and services.

By giving you this information, the search firm is confirming that they keep to the principles of the Code. This provides important protection for you.

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Firms which subscribe to the Search Code will:

- display the Search Code logo prominently on their search reports
- act with integrity and carry out work with due skill, care and diligence
- at all times maintain adequate and appropriate insurance to protect consumers
- conduct business in an honest, fair and professional manner
- handle complaints speedily and fairly
- ensure that products and services comply with industry registration rules and standards and relevant laws
- monitor their compliance with the Code

Complaints

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award compensation of up to £5,000 to you if he finds that you have suffered actual loss as a result of your search provider failing to keep to the Code.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs or to the PCCB.

TPOs contact details:

The Property Ombudsman scheme

Milford House

43-55 Milford Street

Salisbury

Wiltshire SP1 2BP

Tel: 01722 333306

Fax: 01722 332296

Website: www.tpos.co.uk

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

3. Supporting information

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.

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

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.

3. Supporting information

3.1 References

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

British Geological Survey, 2020a. Geology of Britain viewer (<http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html>)

British Geological Survey, 2020b. 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, 2004. Publication CLR 11. Model Procedures for the Management of Land Contamination.

GeoSmart Information Limited, 2020. 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, 2020. Landmark Envirocheck report Land at Little Meadow, Bilsham Road, Yapton, BN18 0JY. REF: 245138159_1_1

3. Supporting information

3.2 Site photographs

Photograph 1: General view north east from the north western corner of the proposed mixed use housing area



Photograph 2: View west towards the employment area showing evidence of localised burning





Photograph 3: View west towards the stable block from the eastern boundary



Photograph 4: General view across the proposed mixed use housing area





Photograph 5: View south along the eastern boundary



Photograph 6: Stable block positioned in the central Site area



Photograph 7: View south east of south east corner of the proposed mixed use housing area showing metal container used for burning and pile of demolition rubble



Photograph 8: Close up of demolition rubble pile





Photograph 9: View south across the proposed self build housing area



Photograph 10: view towards the north west corner of the proposed self build housing area



Photograph 11: View towards the north west corner of the area to be used as the village green



Photograph 12: Septic tank south of the employment area



Photograph 13 Waste oil tank in the south west corner of the employment area



Photograph 14 Leaking OWI just south west of the employment area, waste oil tank in the background



Photograph 15: Oily sheen on discharge from the OWI



Photograph 16: Pond in the north west of the Site





Photograph 17: View north west across the north west of the Site



Photograph 18: Forklift wash down area in the south west corner of the employment area



Photograph 19: View north west across the employment area



Photograph 20: View across the eastern part of the employment area

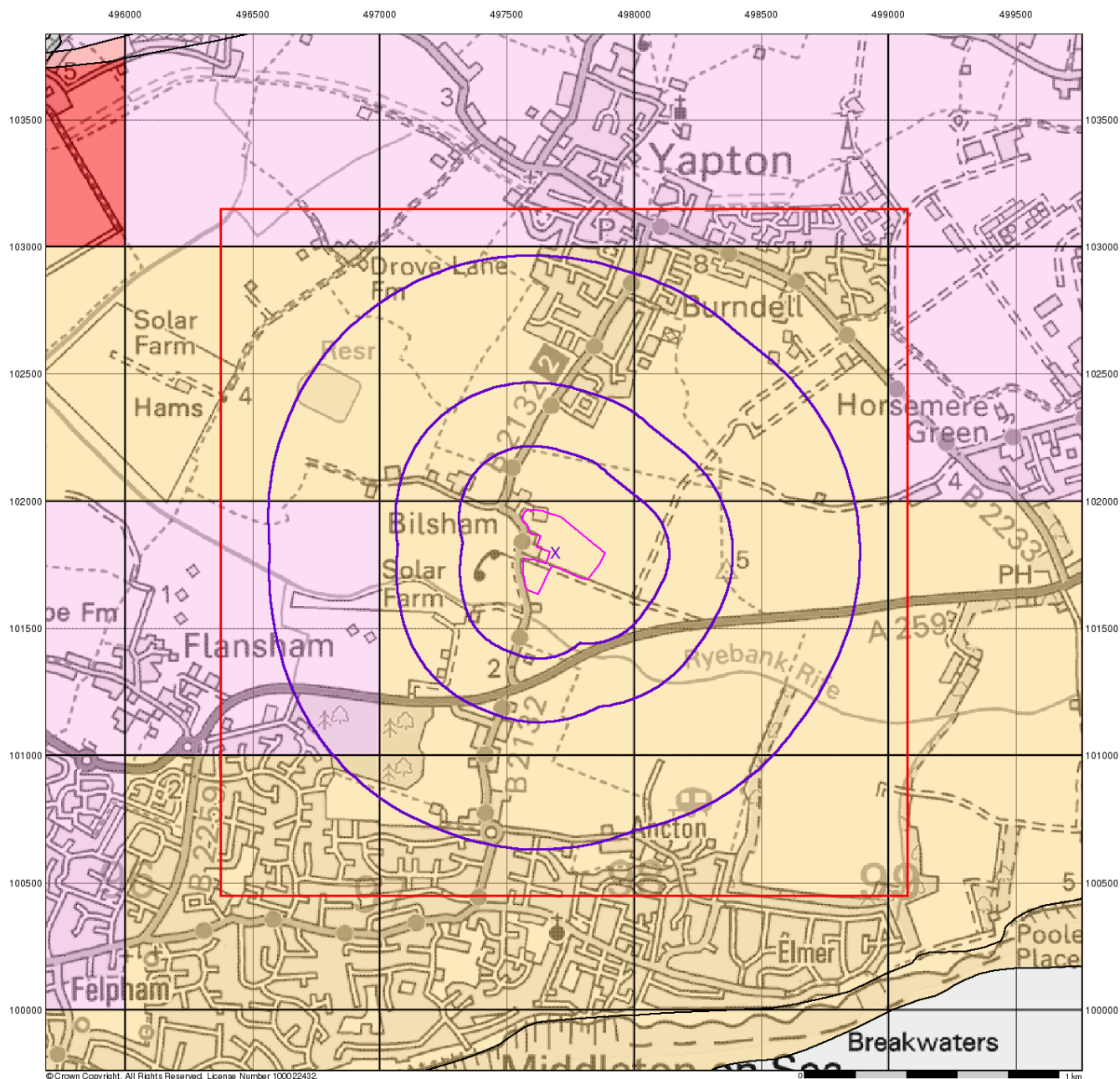


3. Supporting information

3.3 Environmental data report

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





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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

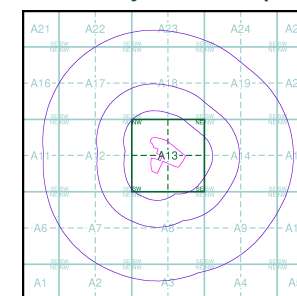
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

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

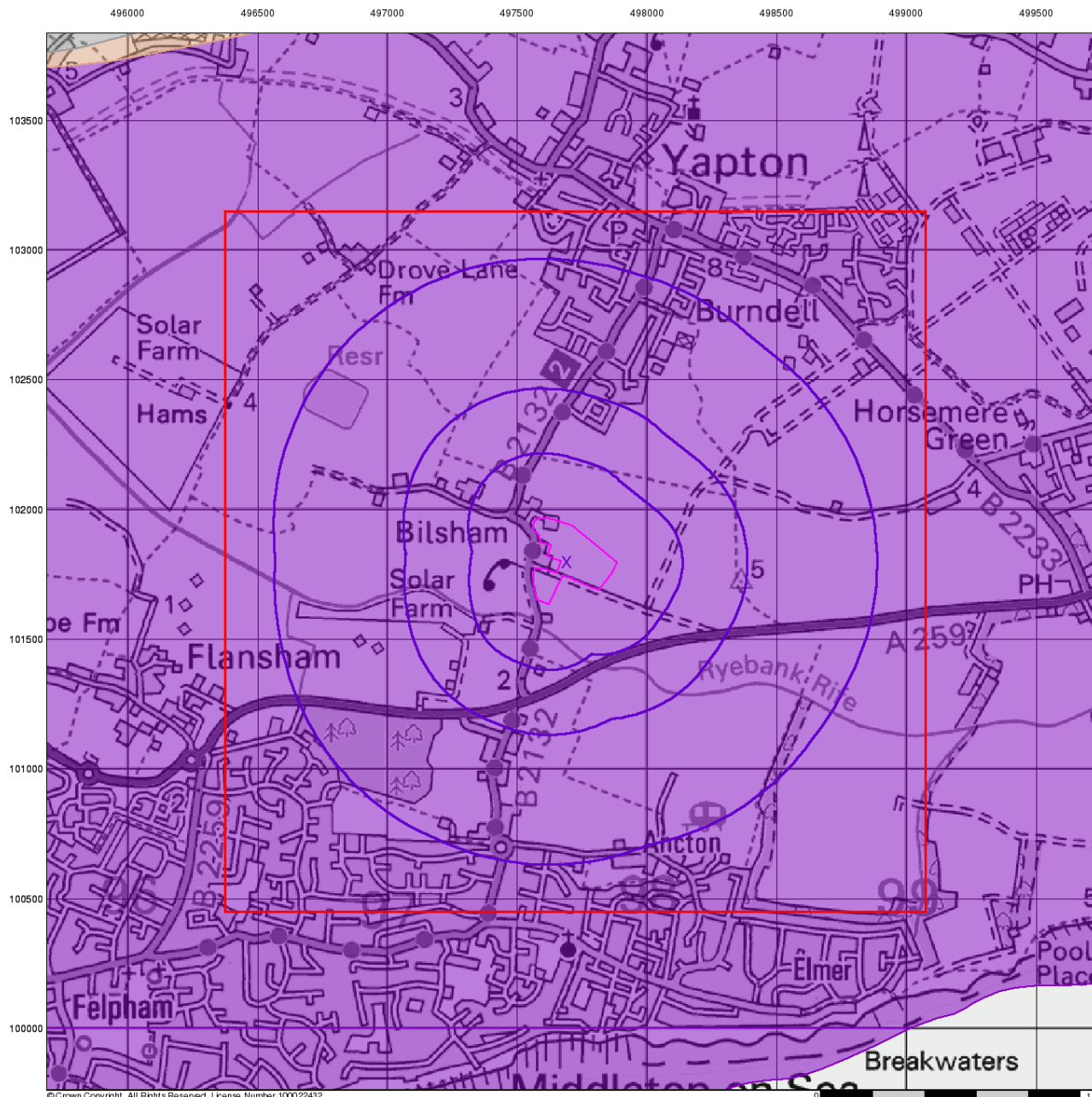
Order Number: 245138159_1_1
 Customer Ref: 73344
 National Grid Reference: 497690, 101800
 Slice: A
 Site Area (Ha): 5.69
 Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



Tel: 0844 844 9952
 Fax: 0844 844 9951
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Bedrock Aquifer Designation

General

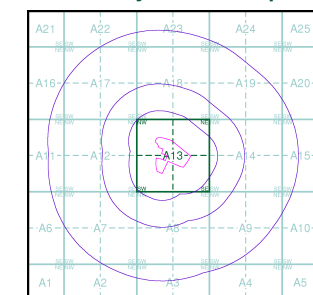
- ▭ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- B Map ID

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

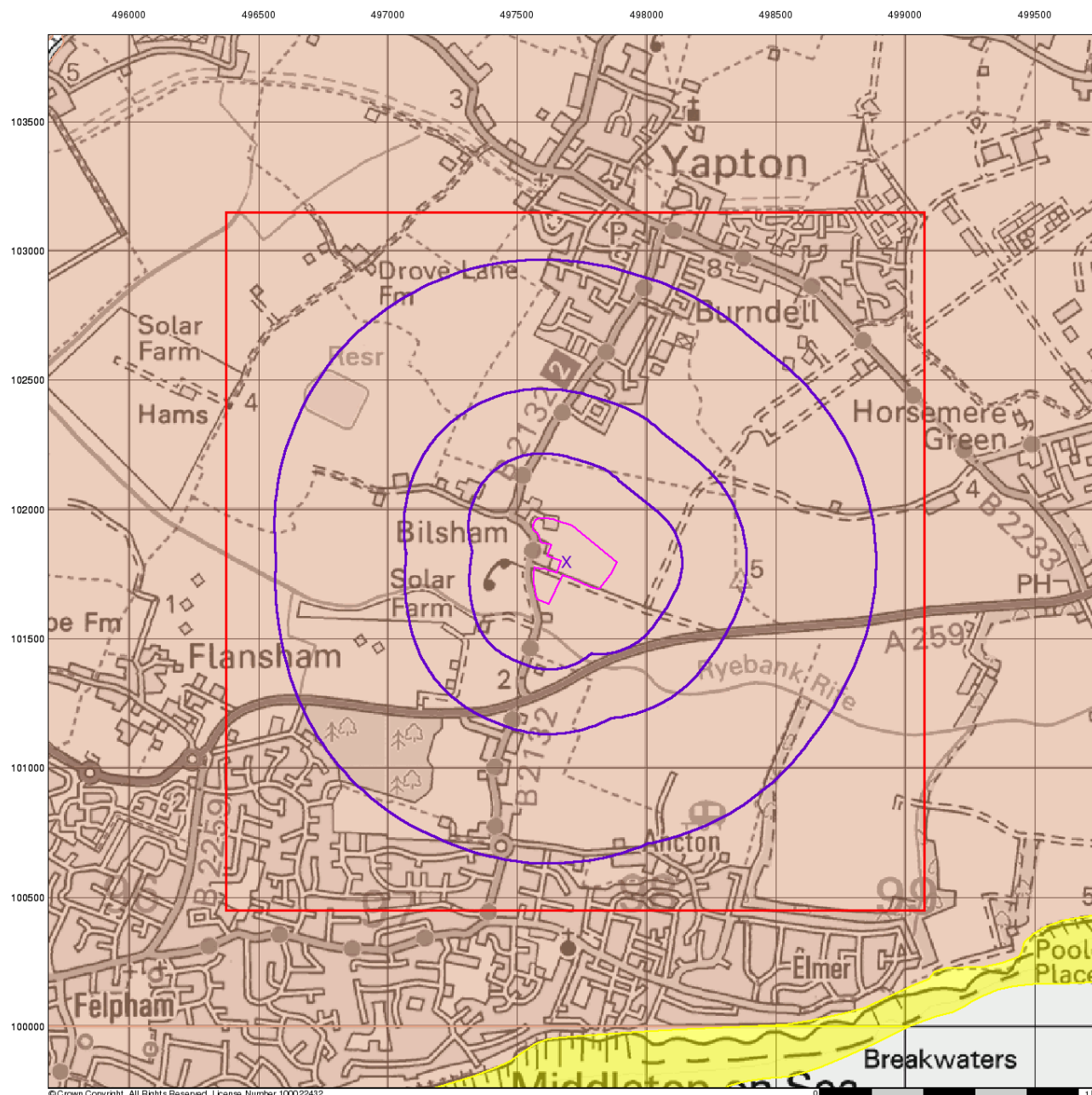
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 Customer Ref: 73344
 National Grid Reference: 497690, 101800
 Slice: A
 Site Area (Ha): 5.69
 Search Buffer (m): 1000

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Superficial Aquifer Designation

General

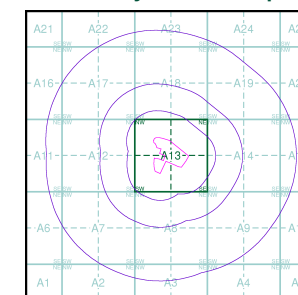
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

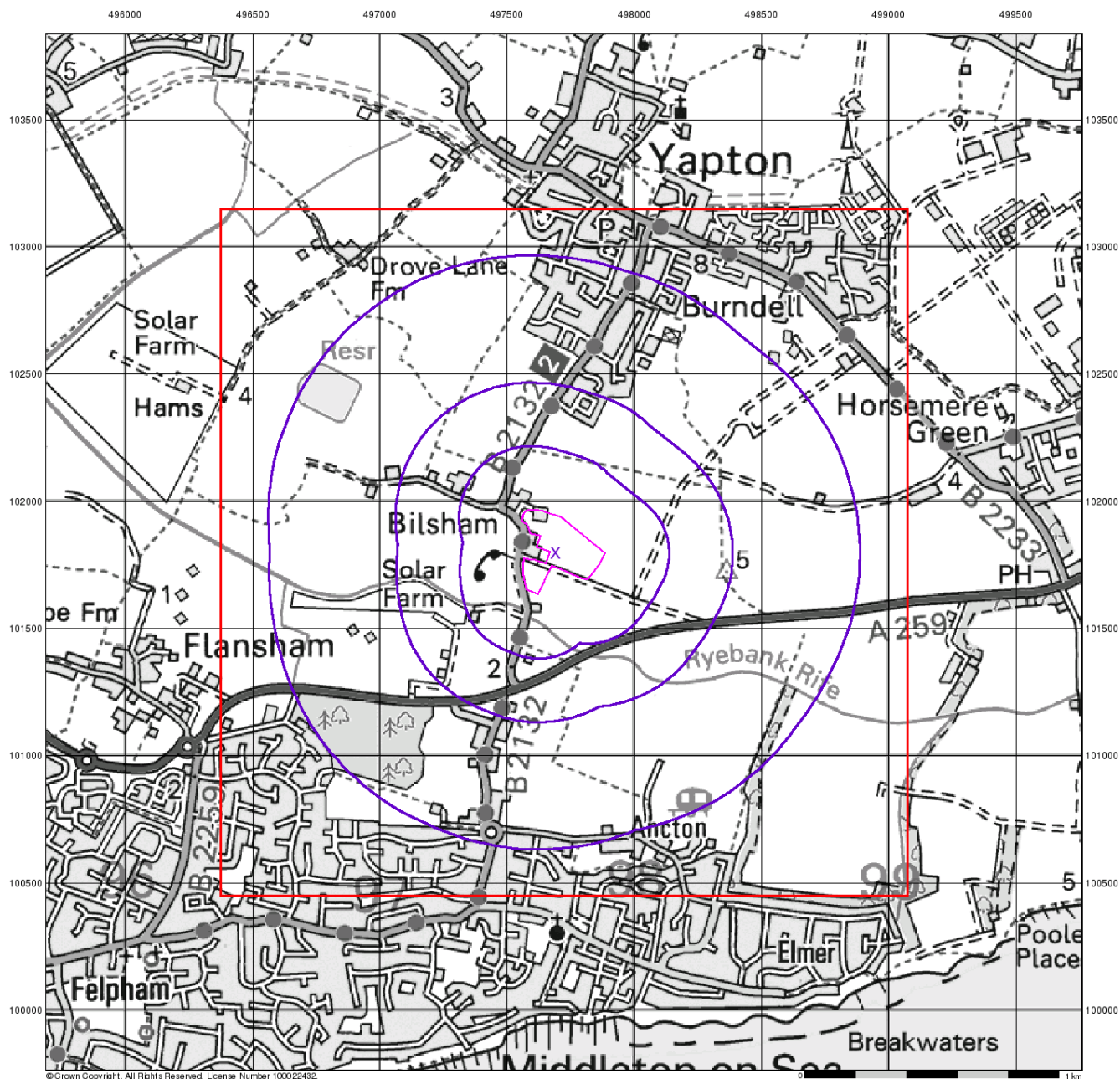
Order Number: 245138159_1_1
 Customer Ref: 73344
 National Grid Reference: 497690, 101800
 Slice: A
 Site Area (Ha): 5.69
 Search Buffer (m): 1000

Site Details

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Source Protection Zones

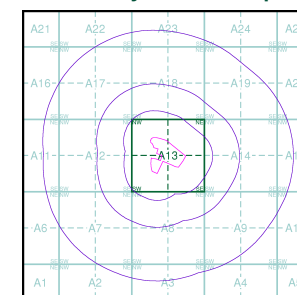
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

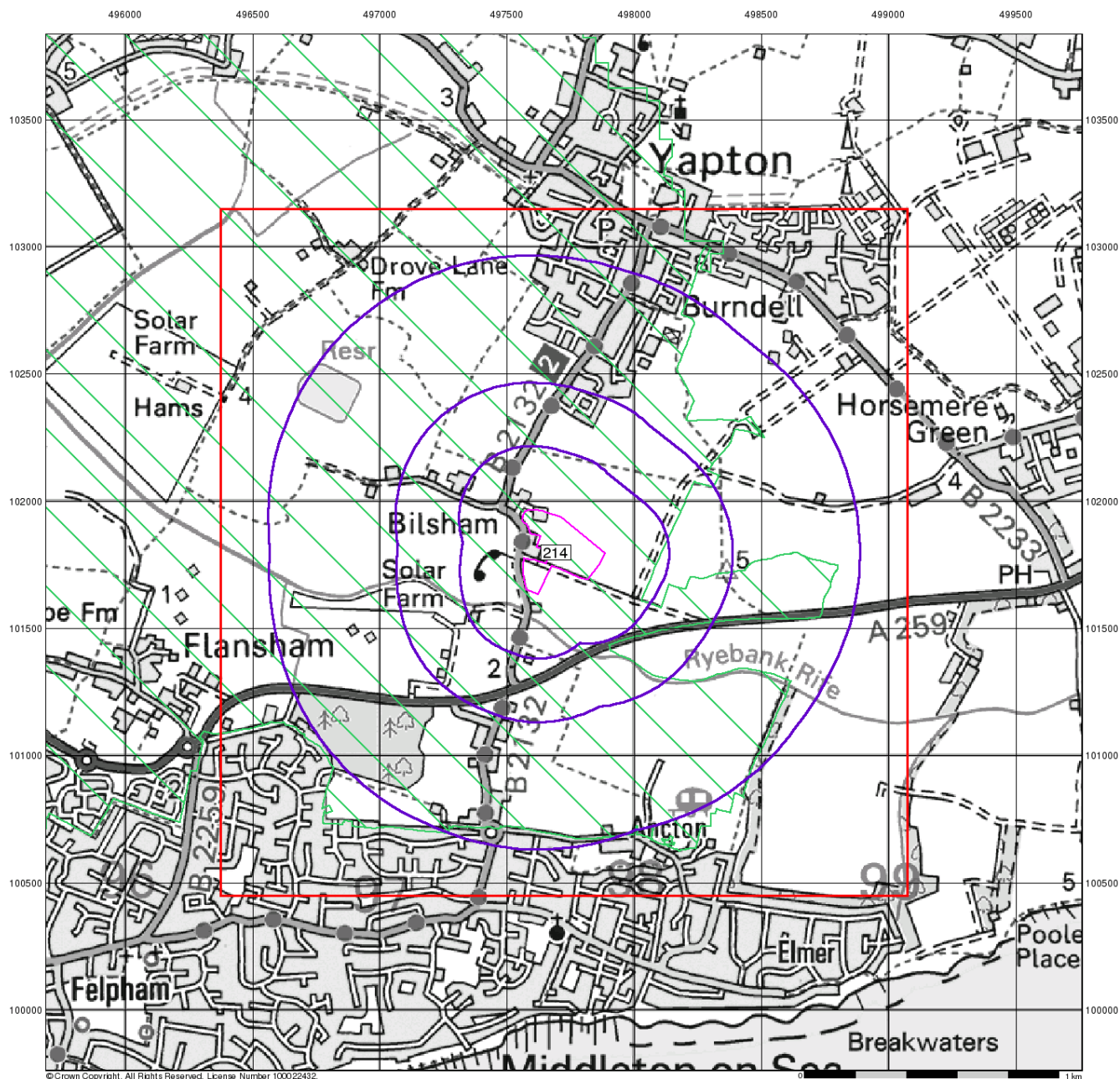
Order Number: 245138159_1_1
 Customer Ref: 73344
 National Grid Reference: 497690, 101800
 Slice: A
 Site Area (Ha): 5.69
 Search Buffer (m): 1000

Site Details

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Sensitive Land Uses

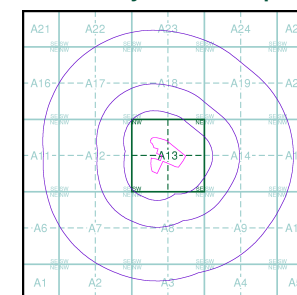
General

- ◊ Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice 8 Map ID

Sensitive Land Uses

- | | |
|--|---|
| ■ Ancient Woodland | N National Park |
| A Area of Adopted Green Belt | N Nitrate Sensitive Area |
| A Area of Unadopted Green Belt | V Nitrate Vulnerable Zone |
| A Area of Outstanding Natural Beauty | S Ramsar Site |
| E Environmentally Sensitive Area | S Site of Special Scientific Interest |
| F Forest Park | S Special Area of Conservation |
| L Local Nature Reserve | P Special Protection Area |
| M Marine Nature Reserve | W World Heritage Sites |
| N National Nature Reserve | |

Site Sensitivity Context Map - Slice A



Order Details

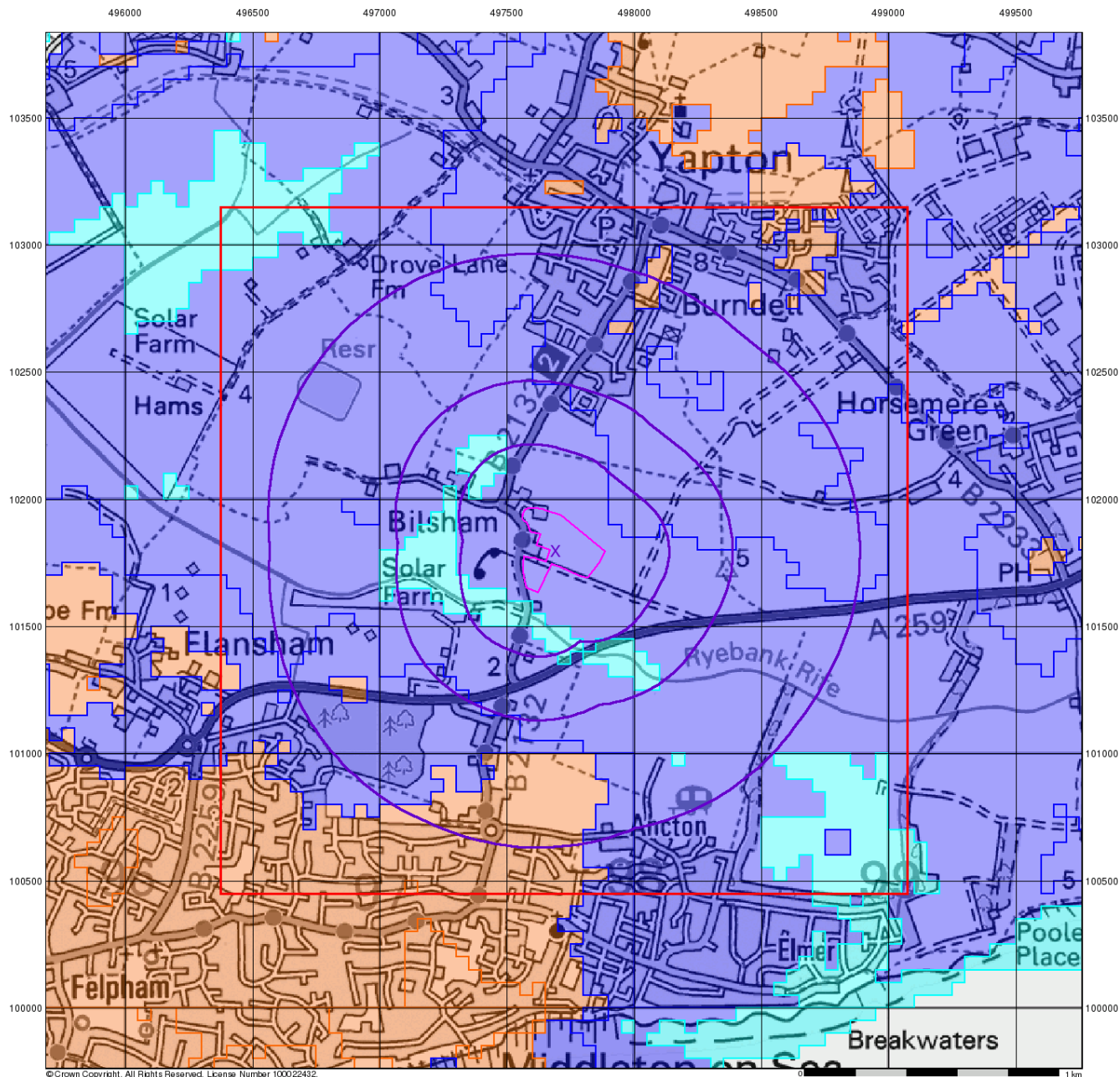
Order Number: 245138159_1_1
 Customer Ref: 73344
 National Grid Reference: 497690, 101800
 Slice: A
 Site Area (Ha): 5.69
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Site Details

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BGS Flood GFS Data

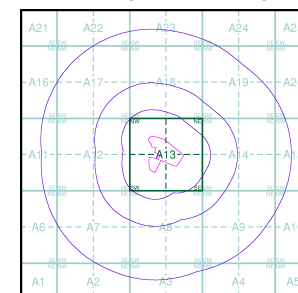
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 245138159_1_1
 Customer Ref: 73344
 National Grid Reference: 497690, 101800
 Slice: A
 Site Area (Ha): 5.69
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Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



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

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
- BGS Recorded Mineral Site

Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

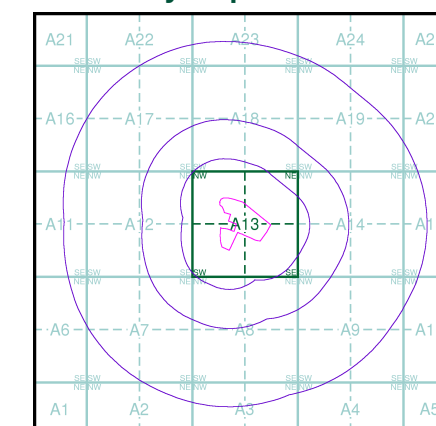
Waste

- 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
- Prosecution Relating to Authorised Processes
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice A



Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY

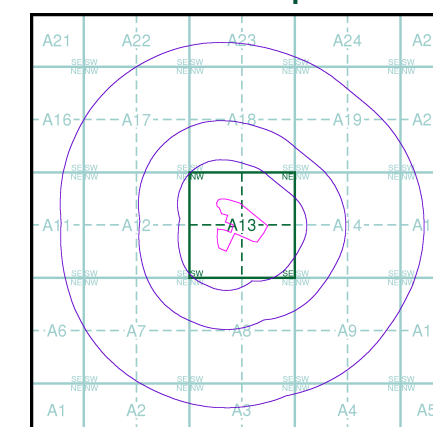
General

-  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

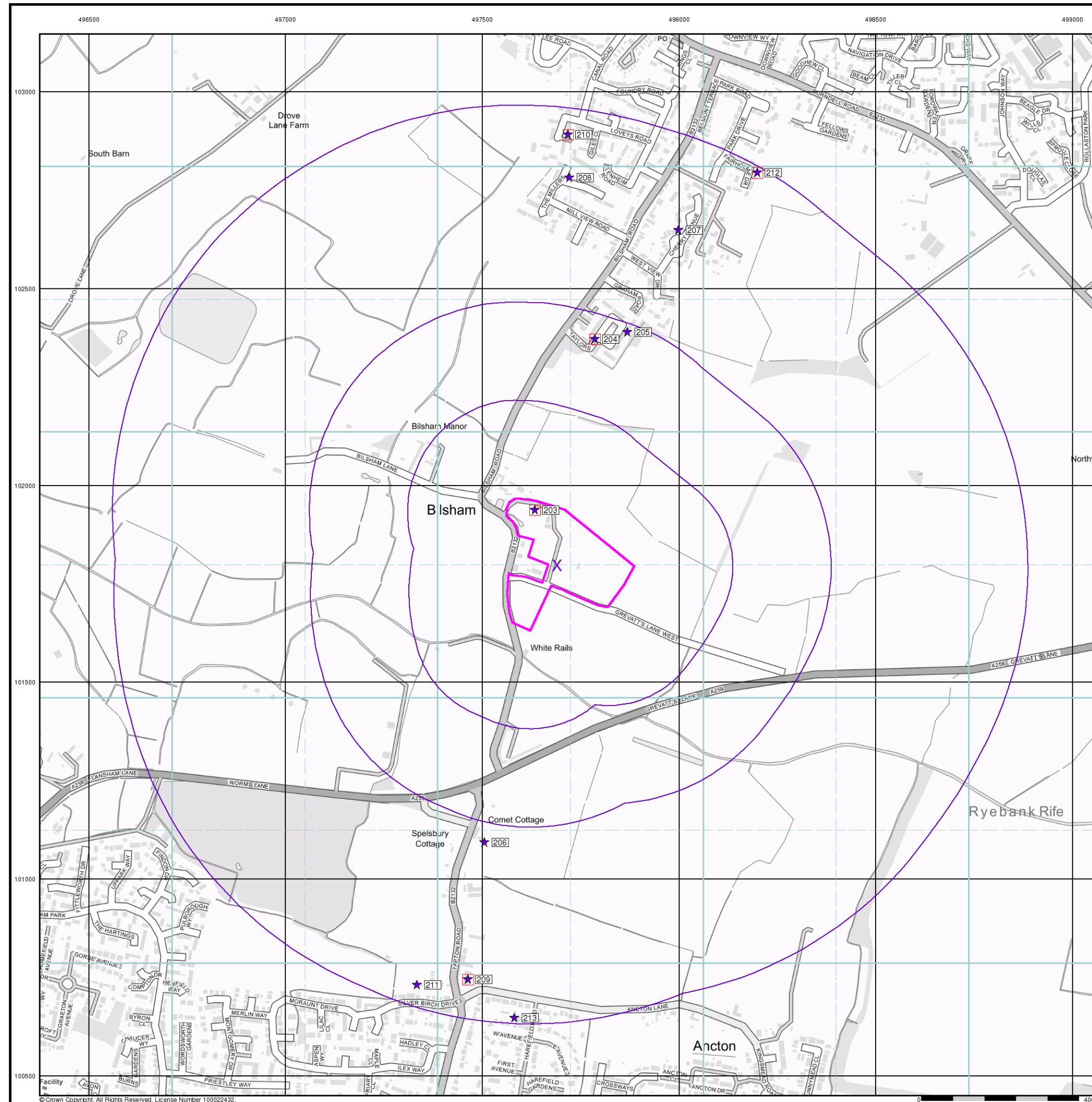


Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



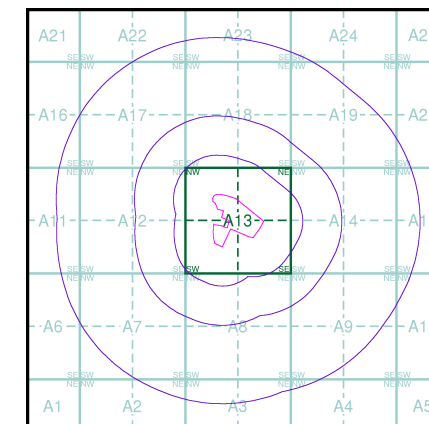
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

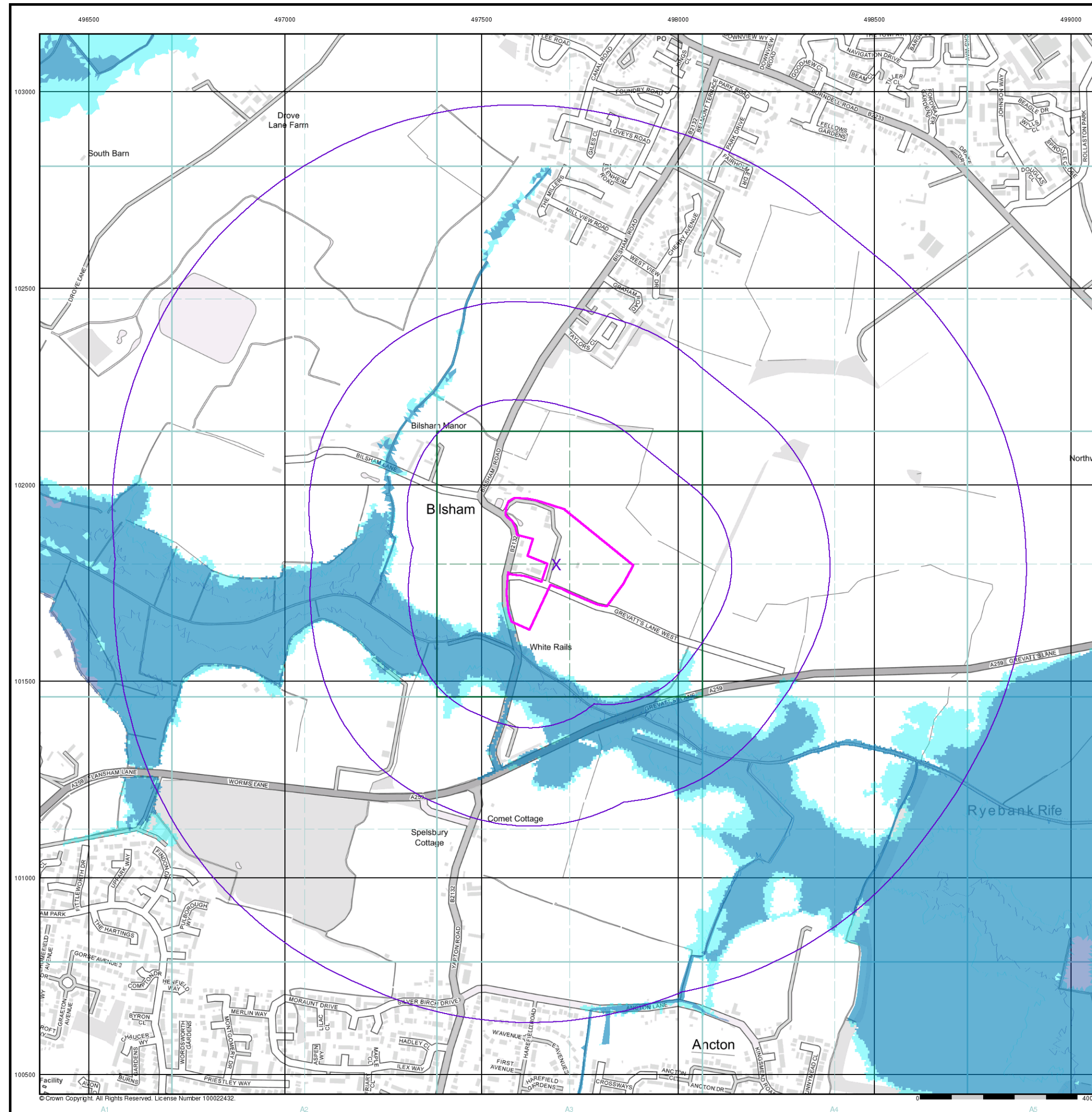


Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



General

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

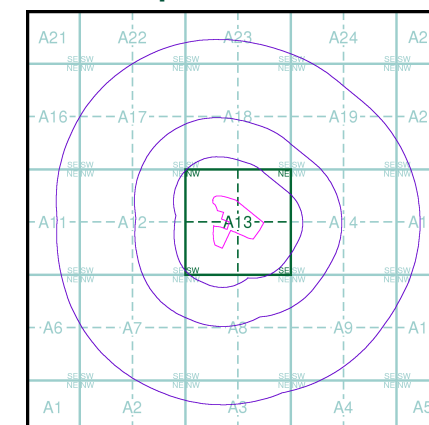
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

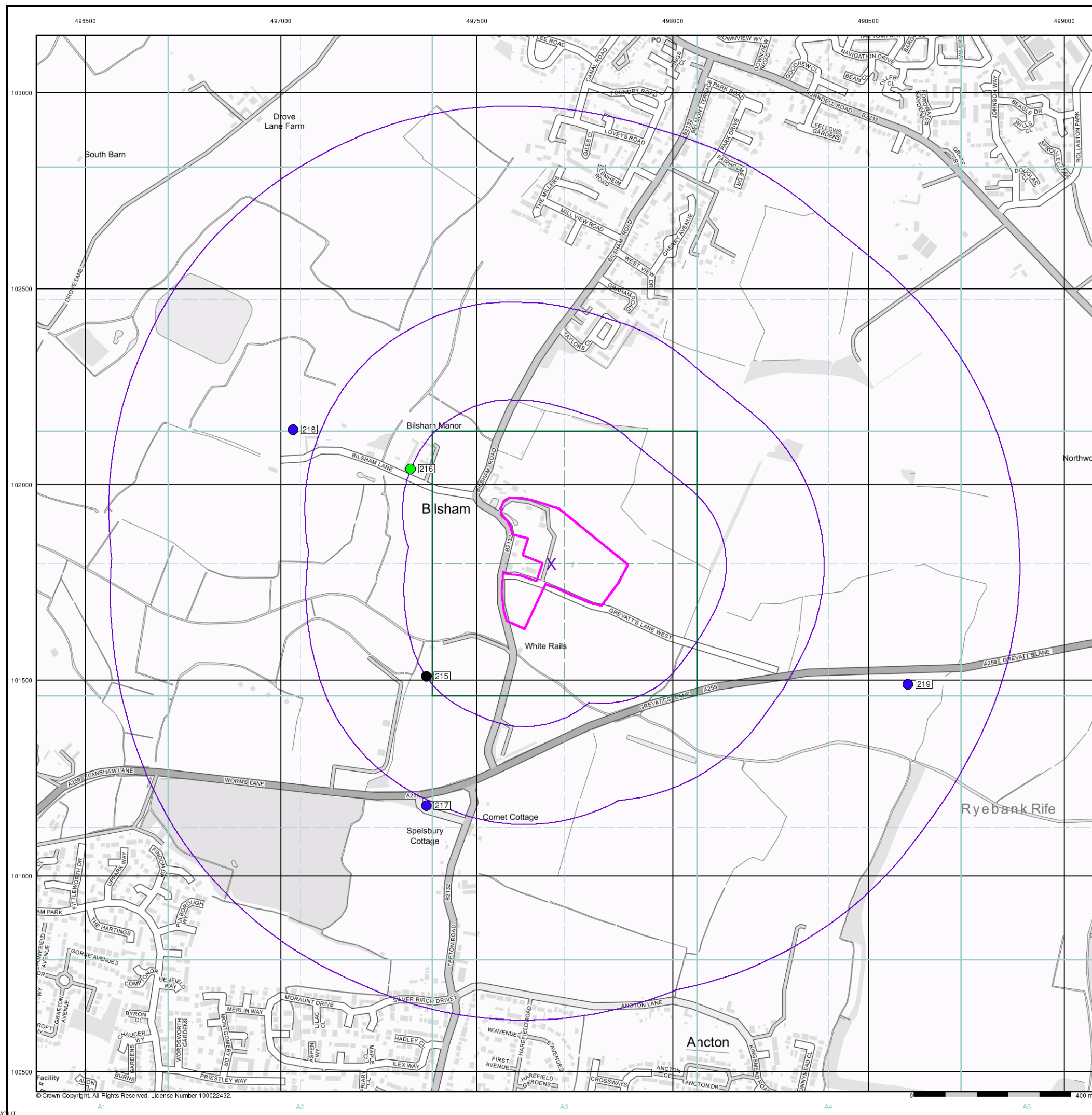


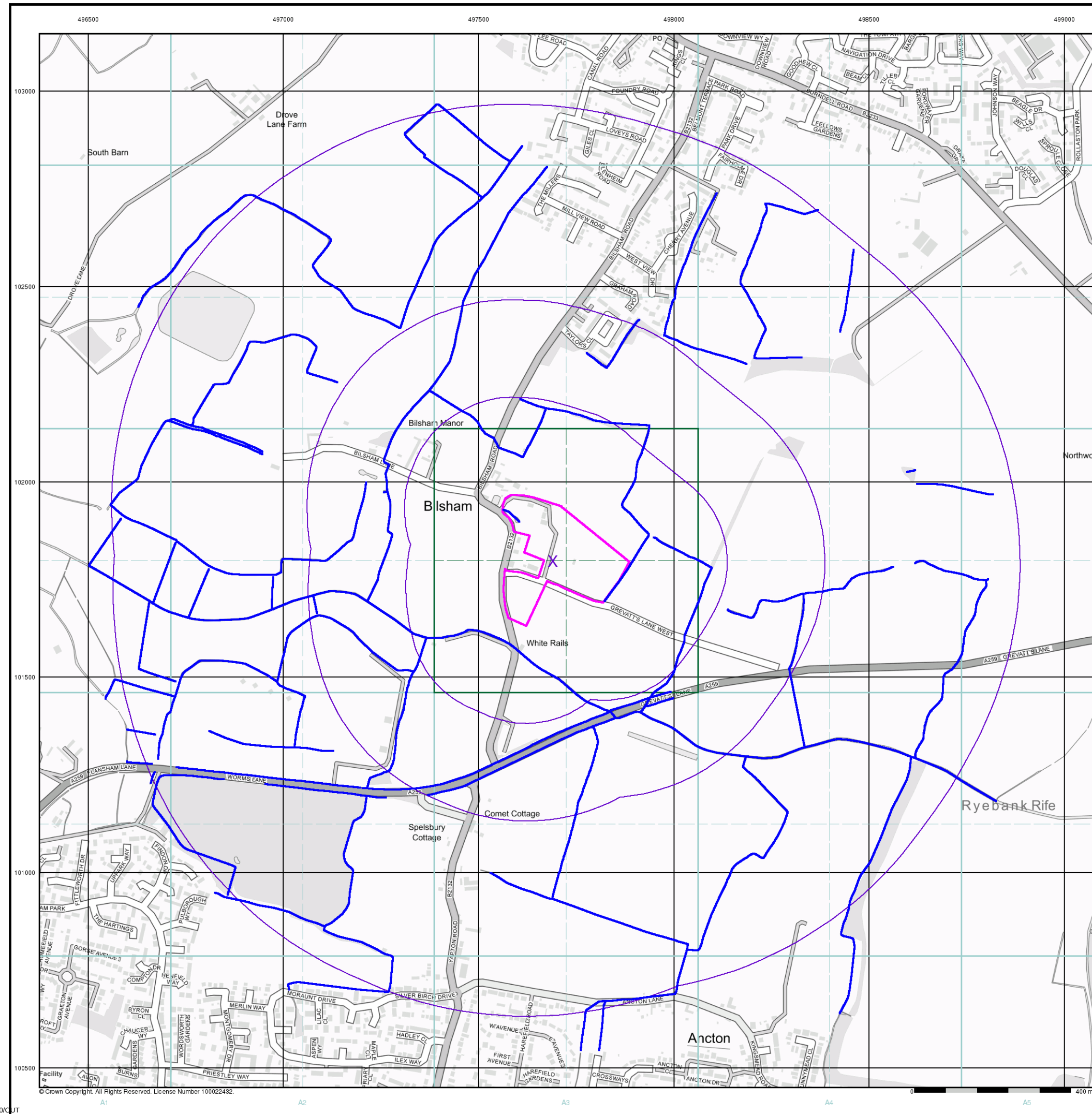
Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY

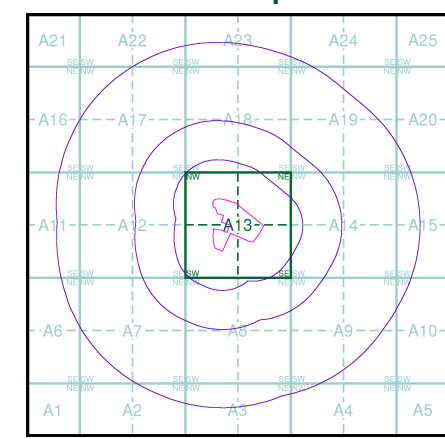




- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

OS Water Network Map - Slice A



Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

245138159_1_1

Customer Reference:

73344

National Grid Reference:

497690, 101800

Slice:

A

Site Area (Ha):

5.69

Search Buffer (m):

1000

Site Details:

Land at Little Meadow
Bilsham Road
Yapton
Arundel
BN18 0JY

Client Details:

Ms J Bayliff
Geo Smart Information Limited
Suite 9-11, 1st Floor
Old Bank Buildings
Bellstone
Shrewsbury
Shropshire
SY1 1HU

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	34
Hazardous Substances	-
Geological	35
Industrial Land Use	36
Sensitive Land Use	39
Data Currency	40
Data Suppliers	45
Useful Contacts	46

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	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		4	5	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	pg 6		1		1
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 7			2	1 (*9)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 10	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 10	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 10	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 11		Yes	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 13	1	18	51	111

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 34	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
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 35	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 35	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 35	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 35	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 35	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 35	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 36	3		4	18
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 39	1			
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: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (NE)	0	1	497690 101797
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	38	1	497600 101600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	85	1	497900 101900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	151	1	497450 102050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (SE)	243	1	497850 101450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	445	1	497250 101350
1	Discharge Consents Operator: S.Hyams Esq. Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Little Meadow, Hobbs Farm, Bilsham Road Yapton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02308 Permit Version: 1 Effective Date: 27th April 1989 Issued Date: 27th April 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	15	2	497580 101980
2	Discharge Consents Operator: Mrs E G Shears Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 2 White Rails Cottage, Bilsham Road, Bilsham, Yapton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P06282 Permit Version: 1 Effective Date: 29th July 1996 Issued Date: 29th July 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13SW (S)	73	2	497610 101560
2	Discharge Consents Operator: Mr & Mrs R L Hilman Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: 1 White Rails Cottage, Bilsham Road, Bilsham, Yapton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P06283 Permit Version: 1 Effective Date: 29th July 1996 Issued Date: 29th July 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River 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	A13SW (S)	73	2	497610 101560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Home Space Sustainable Acc. Cic Property Type: HOLIDAY ACCOM/CAMP SITE/CARAVAN SITE/HOTEL/HOSTEL Location: Gypsy Caravan Site, Middleton-On-Sea, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Aldingbourne/Barnham Rife Reference: N01505 Permit Version: 1 Effective Date: 2nd February 1981 Issued Date: 2nd February 1981 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater Stream Or River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SW (S)	106	2	497650 101530
3	Discharge Consents Operator: B.P.Jarvis Property Type: Undefined Or Other Location: Bilsham Barn, Bilsham Lane, Bilsham , Bognor Regis West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01118 Permit Version: 1 Effective Date: 8th October 1987 Issued Date: 8th October 1987 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	282	2	497320 102090
4	Discharge Consents Operator: A W Bone Esq Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Bilsham Bar, Bilsham Lane, YAPTON, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00836 Permit Version: 1 Effective Date: 11th May 1987 Issued Date: 11th May 1987 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	310	2	497440 102240
5	Discharge Consents Operator: Mr K Hurdley Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Chapel, Bilsham Lane, Bilsham, Arundel, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P06993 Permit Version: 1 Effective Date: 3rd November 1997 Issued Date: 3rd November 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River 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	A12NE (NW)	325	2	497260 102060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Alan Barrett Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Brambles, Yapton Road, Middleton On Sea, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02717 Permit Version: 1 Effective Date: 28th December 1989 Issued Date: 28th December 1989 Revocation Date: 31st March 1997 Discharge Type: Non Water Company (Private) Sewage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8NW (S)	444	2	497520 101200
7	Discharge Consents Operator: West Sussex County Council Property Type: Undefined Or Other Location: Bognor-Littlehampton Rd, Realignment Grevatts Ln, Clymping, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01140 Permit Version: 1 Effective Date: 1st May 1962 Issued Date: 1st May 1962 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Controlled Sea Environment: Receiving Water: Controlled Sea Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	498	2	498280 101480
8	Discharge Consents Operator: Ginger Gilmore Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Old Bilsham Farmhouse, Bilsham Lane, Bilsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P09689 Permit Version: 1 Effective Date: 28th March 2001 Issued Date: 28th March 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	502	2	497080 102080
8	Discharge Consents Operator: Mr And Mrs Hartley Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Bilsham Croft, Bilshma Lane, Yapton, Arundel, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Aldingbourne/Barnham Rife Reference: P10324 Permit Version: 1 Effective Date: 20th March 2002 Issued Date: 20th March 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	516	2	497060 102060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Mr S Morgan Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Temporary Dwelling, Bilsham Lane, Bilsham, Yapton Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P03477 Permit Version: 1 Effective Date: 19th March 1991 Issued Date: 19th March 1991 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	536	2	497050 102100
9	Discharge Consents Operator: R. Taylor Esq. Property Type: Undefined Or Other Location: Bilsham Road, Yapton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01639 Permit Version: 1 Effective Date: 6th October 1967 Issued Date: 6th October 1967 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	518	2	497900 102420
10	Discharge Consents Operator: R. Taylor Esq. Property Type: Undefined Or Other Location: Bilsham Road, Yapton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01639 Permit Version: 1 Effective Date: 6th October 1967 Issued Date: 6th October 1967 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	543	2	497860 102460
10	Discharge Consents Operator: R. Taylor Esq. Property Type: Undefined Or Other Location: Bilsham Road, Yapton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01639 Permit Version: 1 Effective Date: 6th October 1967 Issued Date: 6th October 1967 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	553	2	497830 102480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Discharge Consents Operator: West Sussex County Council Property Type: Undefined Or Other Location: Land At Yapton Road, Middleton On Sea, Bognor Regis, West Sussex, Po22 6dy Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02157 Permit Version: 1 Effective Date: 2nd March 1989 Issued Date: 2nd March 1989 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8SW (S)	655	2	497450 101000
12	Discharge Consents Operator: Ambleside Developments Ltd. Property Type: CONSTRUCTION OF BUILDINGS Location: Residential Development, Off Cherry Lane, Yapton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02208 Permit Version: 1 Effective Date: 21st August 1973 Issued Date: 21st August 1973 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A18NE (NE)	708	2	498030 102570
13	Discharge Consents Operator: Ambleside Developments Ltd. Property Type: CONSTRUCTION OF BUILDINGS Location: Residential Development, Off Cherry Lane, Yapton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02208 Permit Version: 1 Effective Date: 21st August 1973 Issued Date: 21st August 1973 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	851	2	498090 102700
14	Discharge Consents Operator: Enterprising Developments Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: New Estate At Belmont Estate, YAPTON Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02741 Permit Version: 1 Effective Date: 1st July 1991 Issued Date: 1st July 1991 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	905	2	498110 102750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Discharge Consents Operator: D J & B A Brooks Ltd. Property Type: Undefined Or Other Location: Middleton Depot, Ancton Lane, MIDDLETON-ON-SEA , West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01738 Permit Version: 1 Effective Date: 6th August 1968 Issued Date: 6th August 1968 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Controlled Sea Environment: Controlled Sea Receiving Water: Controlled Sea Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A3NW (S)	928	2	497450 100720
16	Discharge Consents Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Ancton Lane Middleton-On-Sea Cso Ancton Lane, Middleton-On-Sea, -, West Sussex, Po22 6nj Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01076 Permit Version: 2 Effective Date: 11th August 2017 Issued Date: 11th August 2017 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Controlled Sea Environment: Controlled Sea Receiving Water: Ryebank Rife/River Arun Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1000	2	497930 100680
16	Discharge Consents Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Ancton Lane Middleton-On-Sea Cso Ancton Lane, Middleton-On-Sea, -, West Sussex, Po22 6nj Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01076 Permit Version: 1 Effective Date: 23rd January 1964 Issued Date: 23rd January 1964 Revocation Date: 10th August 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Controlled Sea Environment: Controlled Sea Receiving Water: Ryebank Rife/River Arun Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A3NE (S)	1000	2	497930 100680
	Nearest Surface Water Feature	A13NW (NW)	0	-	497596 101896
17	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Other Location: Bilsham Rife, U/S, Road Bridge, BILSHAM Authority: Environment Agency, Southern Region Pollutant: Sewage - Treated Effluent Note: White Discharge To Rife; Private Sewage (Non-Plc): Other Incident Date: 1st November 1995 Incident Reference: 1454 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Sewage - Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (S)	111	2	497650 101525

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Pollution Incidents to Controlled Waters Property Type: Agricultural Location: Rear Of Cinders Lane Nursery, YAPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Red Diesel In Ditch; Horticultural Incident Date: 27th February 1995 Incident Reference: 1232 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	925	2	498250 102690
19	Water Abstractions Operator: I R Gibbs Licence Number: 10/41/542011 Permit Version: 100 Location: Points C&D At Ryebank Rife,Middleton Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: For Spray Irrigation Within Land Bodly Marked Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	368	2	498000 101370
20	Water Abstractions Operator: I R Gibbs Licence Number: 10/41/542011 Permit Version: 100 Location: Points A&B At Ryebank Rife,Middleton Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 45 Yearly Rate (m3): 4550 Details: For Spray Irrigation Within Land Bodly Marked Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (S)	421	2	497800 101250
21	Water Abstractions Operator: The Donald Langmead Partnership Licence Number: 10/41/541002 Permit Version: 100 Location: Point 3 At Shripney Farm & Flansham Farm Authority: Environment Agency, Southern 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: Water Abstracted Shall Be Used On Land And Buildings In The Occupation Of The Licence Holder At Shripney And Flansham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st March 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6NE (W)	916	2	496680 101460

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Donald Langmead Partnership Licence Number: 10/41/541002 Permit Version: 100 Location: Point 2 At Shripney Farm & Flansham Farm Authority: Environment Agency, Southern 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: Water Abstracted Shall Be Used On Land And Buildings In The Occupation Of The Licence Holder At Shripney And Flansham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st March 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SE (W)	1125	2	496440 101760
	Water Abstractions Operator: Langmead Farms Ltd Licence Number: 27/209 Permit Version: 1 Location: Ryebank Rife, Point A - Bilsham Authority: Environment Agency, Southern Region Abstraction: General Agriculture: 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: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 16th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1175	2	496390 101830
	Water Abstractions Operator: Langmead Farms Ltd Licence Number: 27/209/R01 Permit Version: 1 Location: Ryebank Rife, Point A - Bilsham Authority: Environment Agency, Southern Region Abstraction: General Agriculture: 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: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 16th April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (W)	1204	2	496359 101855
	Water Abstractions Operator: James D Baird (Home Farm) Ltd Licence Number: 10/41/411016 Permit Version: 101 Location: Ryebank Rife - New Reach Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NW (W)	1371	2	496190 101940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr J L Baird Licence Number: 10/41/542009 Permit Version: 100 Location: Point A At New Barn, Climping Authority: Environment Agency, Southern 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: Water Abstracted Shall Be Used On Area Outlined In Red On The Said Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NE (E)	1464	2	499260 101290
	Water Abstractions Operator: The Donald Langmead Partnership Licence Number: 10/41/542002 Permit Version: 100 Location: At Flansham Farm, Flansham Authority: Environment Agency, Southern 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: Water Abstracted Shall Be Used Only On Lands Ans Buildings In The Occupation Of The Licence Holder At Flansham Farm Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 7th December 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (W)	1506	2	496080 101450
	Water Abstractions Operator: James D Baird (Home Farm) Ltd Licence Number: 10/41/411016 Permit Version: 101 Location: Elmer Rife Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 16th April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (E)	1515	2	499270 101180
	Water Abstractions Operator: Langmead Farms Ltd Licence Number: So/041/0024/005 Permit Version: 1 Location: Ryebank Rife - Stakers Farm, Yapton Authority: Environment Agency, Southern Region Abstraction: General Agriculture: 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: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 16th April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1759	2	495837 102285

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr A Clay Esq Licence Number: 10/41/411007 Permit Version: 100 Location: The Streddles, North End Road, Yapton Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 18th July 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1879	2	497840 103830
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive 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: High	A13SW (NE)	0	3	497690 101797
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	A13SW (NE)	0	3	497690 101797
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SW (NE)	0	3	497690 101797
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (NE)	0	3	497690 101797
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	0	2	497566 101693
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	43	2	497552 101617
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	51	2	497533 101625
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	51	2	497533 101625
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	56	2	497530 101621
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	72	2	497510 101625
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	78	2	497505 101621

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	79	2	497502 101625
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	86	2	497495 101625
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	89	2	497486 101637
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (S)	96	2	497627 101536
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A12SE (W)	200	2	497367 101673
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A12SE (W)	202	2	497365 101673
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	16	2	497554 101665
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	56	2	497588 101586
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	63	2	497527 101613
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	64	2	497574 101582
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	65	2	497522 101617
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	70	2	497516 101617
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	72	2	497510 101625
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	79	2	497502 101625
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	80	2	497503 101621
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	95	2	497642 101539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (S)	97	2	497662 101541
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	102	2	497478 101625
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	107	2	497470 101633
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	114	2	497466 101623
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	119	2	497462 101621
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	123	2	497458 101619
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	128	2	497454 101617
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	131	2	497450 101615
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	136	2	497442 101621
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	145	2	497694 101506
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (S)	145	2	497698 101509
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	164	2	497722 101503
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SW (S)	166	2	497723 101501
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (S)	175	2	497735 101497
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NW (NW)	0	4	497604 101898
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (SE)	1	4	497823 101695
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (E)	1	4	497859 101744
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	59	4	497577 101586
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: Underground Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	64	4	497589 101577
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 285.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	66	4	497598 101571
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 583.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (NE)	88	4	497869 101935
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 357.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NE (E)	88	4	497948 101857
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NW (N)	98	4	497613 102063

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NW (NW)	126	4	497551 102088
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NW (N)	129	4	497629 102093
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13NW (NW)	154	4	497537 102112
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12SE (SW)	217	4	497366 101600
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (SW)	217	4	497366 101600
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (SE)	219	4	498027 101604
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (SE)	225	4	498027 101595
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SW (N)	231	4	497673 102188
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SW (N)	237	4	497635 102200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SW (N)	238	4	497631 102202
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8NE (S)	270	4	497839 101415
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (SE)	271	4	497938 101447
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (SE)	271	4	497938 101447
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (SE)	271	4	497940 101448
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (SE)	273	4	497939 101445
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: Rother and Arun Primacy: 2	A8NE (S)	277	4	497839 101415
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	278	4	497834 101413
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 296.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	278	4	497834 101413

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	279	4	497838 101413
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 265.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (SW)	279	4	497334 101515
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (SW)	279	4	497334 101515
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: Underground Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	280	4	497838 101412
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 230.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SW (E)	280	4	498138 101671
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (SE)	287	4	497925 101424
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 301.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	287	4	497278 101864
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (SE)	289	4	497932 101425
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	292	4	497850 101396

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (SW)	292	4	497317 101518
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 0.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	295	4	497850 101397
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (SW)	296	4	497313 101519
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	296	4	497850 101396
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 299.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A8NE (SE)	297	4	497914 101410
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (NW)	298	4	497266 101976
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (NW)	298	4	497266 101976
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SW (NW)	302	4	497408 102212
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	303	4	497793 101373

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SW (NW)	307	4	497403 102215
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 229.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (NW)	309	4	497270 102042
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (NW)	309	4	497262 102022
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	310	4	497793 101373
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 246.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	311	4	497685 101328
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 383.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	319	4	497797 101365
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SE (NW)	338	4	497369 102229
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 369.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SE (NW)	338	4	497373 102233
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	346	4	497566 101290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12SE (W)	350	4	497215 101693
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 568.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	354	4	497199 101937
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (SW)	357	4	497231 101562
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 383.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (SW)	360	4	497227 101566
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SE (N)	373	4	497828 102292
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SE (N)	389	4	497838 102306
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 269.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	404	4	497484 101252
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	441	4	497463 101221
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SE (N)	442	4	497866 102352

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 196.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SW (E)	453	4	498332 101713
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 248.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SW (E)	453	4	498332 101713
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (W)	481	4	497086 101664
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SE (W)	488	4	497077 101707
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12SE (W)	489	4	497075 101709
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 205.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SW (SE)	490	4	498296 101522
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	498	4	497270 101260
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 270.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SE (NE)	510	4	497975 102375
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 768.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SE (NW)	513	4	497299 102394

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 226.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SE (NW)	524	4	497138 102255
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9NW (SE)	538	4	498185 101297
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A9NW (SE)	538	4	498185 101297
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 436.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9NW (SE)	552	4	498177 101271
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18SE (NE)	555	4	497986 102420
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	558	4	497262 101192
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	559	4	497055 101451
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	559	4	497055 101451
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	564	4	497128 101311

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	578	4	497196 101217
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 386.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	586	4	497212 101194
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	591	4	496974 101755
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 219.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	595	4	496971 101674
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	595	4	496971 101674
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 193.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	607	4	497514 102569
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	608	4	498207 102317
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (SW)	610	4	496991 101479
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	612	4	498214 102316

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (SW)	613	4	496988 101482
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 326.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (SW)	615	4	496983 101489
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	618	4	497131 101224
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	620	4	498228 102316
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 254.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	622	4	497124 101225
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	629	4	496946 102071
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	630	4	496947 102077
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	632	4	497129 101206
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 171.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	635	4	497123 101207

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 282.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A9NW (SE)	636	4	498335 101320
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8SW (S)	639	4	497706 100999
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8SW (S)	640	4	497530 100998
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 224.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (SW)	641	4	497028 101320
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (NE)	687	4	498024 102550
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	691	4	497019 102376
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 382.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	693	4	497017 102376
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 296.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8SW (S)	702	4	497689 100933
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	706	4	498209 102442

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 163.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SW (NE)	707	4	498207 102444
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (NE)	712	4	498033 102573
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SE (E)	732	4	498618 101792
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NE (NE)	743	4	498044 102602
134	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	748	4	498598 102025
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 253.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	755	4	496811 101784
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	756	4	496809 101775
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14NE (E)	758	4	498608 102027
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A14NE (E)	764	4	498623 101995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 379.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	A18NW (N)	765	4	497510 102727
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	765	4	497510 102727
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A18NW (N)	769	4	497613 102734
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9SW (SE)	787	4	498133 100969
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 652.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17NE (NW)	798	4	497122 102618
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 213.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19SE (NE)	799	4	498426 102384
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	809	4	496758 101653
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	810	4	496757 101652
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (SW)	810	4	496872 101253

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (W)	812	4	496775 102142
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (SW)	815	4	496865 101254
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	818	4	496767 102135
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	819	4	498201 102595
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (W)	824	4	496763 102145
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (W)	827	4	496758 102138
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (SW)	838	4	496847 101238
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 162.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	841	4	496724 101843
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A23SW (N)	854	4	497582 102820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 236.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	A23SW (N)	854	4	497582 102820
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SE (E)	857	4	498690 101499
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 226.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	857	4	498649 101398
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 268.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A14SE (E)	858	4	498695 101510
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 272.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	867	4	496724 101488
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8SE (S)	868	4	497970 100836
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A23SW (N)	869	4	497593 102835
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 723.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	873	4	498608 101296
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	873	4	498608 101296

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (W)	874	4	496716 102161
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (W)	877	4	496723 101450
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (W)	877	4	496723 101450
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 270.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A16SE (W)	882	4	496707 102157
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 236.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A9NE (SE)	883	4	498617 101293
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (W)	884	4	496715 101452
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 203.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NW (W)	887	4	496712 101453
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A23SW (N)	889	4	497608 102855
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A11SE (W)	898	4	496666 101691

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A11SE (W)	900	4	496665 101690
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8SE (S)	901	4	498034 100816
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A11SE (W)	907	4	496657 101694
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A11SE (W)	907	4	496657 101694
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 561.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A7SE (SW)	913	4	497235 100805
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8SE (S)	915	4	498033 100802
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A15SW (E)	915	4	498799 101746
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7SE (SW)	920	4	497106 100861
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A19NW (NE)	934	4	498235 102712

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7SW (SW)	939	4	497020 100895
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 199.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7SW (SW)	940	4	497015 100898
186	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: Rother and Arun Primacy: 1	A7SW (SW)	947	4	496876 101014
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A6NE (SW)	953	4	496672 101353
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A11NE (W)	967	4	496594 101911
189	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A11NE (W)	974	4	496587 101916
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A6NE (SW)	976	4	496689 101248
191	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 143.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A11NE (W)	977	4	496585 101905
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A3NE (S)	980	4	497809 100670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A3NE (S)	983	4	497825 100671
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A3NE (S)	983	4	497825 100671
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A6NE (SW)	984	4	496682 101242
196	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A6NE (SW)	987	4	496663 101277
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A3NE (S)	987	4	497850 100672
198	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A6NE (SW)	989	4	496670 101257
199	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A11NE (W)	991	4	496570 101930
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A11NE (W)	993	4	496568 101932
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A3NE (S)	993	4	497820 100659

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
202	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A3NE (S)	1000	4	497926 100680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Arun District Council - Has no landfill data to supply		0	5	497690 101797
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	6	497690 101797

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: White Chalk Subgroup	A13SW (NE)	0	1	497690 101797
	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: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	497690 101797
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	48	1	497569 101600
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	497690 101797
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	497690 101797
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	497690 101797
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	497690 101797
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	48	1	497569 101600
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	497690 101797
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	48	1	497569 101600
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	497690 101797
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (NE)	0	1	497690 101797

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
203	Contemporary Trade Directory Entries Name: Hyams Autolift Location: Little Meadow, Bilsham Road, Yapton, Arundel, West Sussex, BN18 0JY Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	0	-	497634 101938
203	Contemporary Trade Directory Entries Name: Hyams Autolift Location: Oaktrees, Bilsham Road, Yapton, Arundel, BN18 0JY Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	0	-	497677 101945
203	Contemporary Trade Directory Entries Name: Hyams Auto Lift Location: Bilsham Road, Yapton, Arundel, West Sussex, BN18 0JY Classification: Fork Lift Trucks Status: Active Positional Accuracy: Manually positioned to the address or location	A13NW (N)	0	-	497667 101913
204	Contemporary Trade Directory Entries Name: Felpham Mowers Location: Unit 9, Bilsham Road, Yapton, ARUNDEL, West Sussex, BN18 0JN Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	439	-	497792 102372
204	Contemporary Trade Directory Entries Name: Hydro Art Location: Unit 9, Bilsham Road, Yapton, Arundel, West Sussex, BN18 0JN Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	439	-	497792 102372
204	Contemporary Trade Directory Entries Name: R & D Ayling Location: Unit 13, Bilsham Road, Yapton, Arundel, West Sussex, BN18 0JN Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	457	-	497780 102395
205	Contemporary Trade Directory Entries Name: Klean It Division Ltd Location: 32, Taylors Close, Yapton, Arundel, West Sussex, BN18 0FN Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	478	-	497868 102389
206	Contemporary Trade Directory Entries Name: Ultrasonic Services Location: Borage Barn, Yapton Road, Middleton-on-Sea, Bognor Regis, West Sussex, PO22 6DY Classification: Plastics - Welding Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	552	-	497506 101093
207	Contemporary Trade Directory Entries Name: Ayrlect Associates Location: 23, Cherry Avenue, Yapton, Arundel, West Sussex, BN18 0LB Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	767	-	497998 102649
208	Contemporary Trade Directory Entries Name: C K Mobile Mechanics Location: 40, The Millers, Yapton, Arundel, BN18 0LE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	824	-	497721 102782
209	Contemporary Trade Directory Entries Name: Premtec Distribution Ltd Location: 12-13, Middleton Business Park, Yapton Road, Middleton-on-Sea, Bognor Regis, West Sussex, PO22 6HS Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	867	-	497440 100784

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	Contemporary Trade Directory Entries Name: Finesse Hygiene Ltd Location: 11, Middleton Business Park, Yapton Road, Middleton-on-Sea, Bognor Regis, West Sussex, PO22 6HS Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	876	-	497438 100776
209	Contemporary Trade Directory Entries Name: Cashmere Glove Co Ltd Location: 11, Middleton Business Park, Yapton Road, Middleton-on-Sea, Bognor Regis, West Sussex, PO22 6HS Classification: Glove Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	876	-	497438 100776
209	Contemporary Trade Directory Entries Name: Servicemaster Clean West Sussex Location: 9, Middleton Business Park, Yapton Road, Middleton-on-Sea, Bognor Regis, West Sussex, PO22 6HS Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	884	-	497437 100768
209	Contemporary Trade Directory Entries Name: Test Line Location: 7-8, Middleton Business Park, Yapton Road, Middleton-on-Sea, Bognor Regis, PO22 6HS Classification: Testing, Inspection & Calibration Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	889	-	497436 100763
209	Contemporary Trade Directory Entries Name: Testability Location: 7-8, Middleton Business Park, Yapton Road, Middleton-on-Sea, Bognor Regis, West Sussex, PO22 6HS Classification: Electronic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	889	-	497436 100763
209	Contemporary Trade Directory Entries Name: Corina Cleaning Services Location: Unit 19-20 Middleton Business Park, Yapton Road, Middleton-On-Sea, Bognor Regis, West Sussex, PO22 6HS Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A3NW (S)	890	-	497456 100758
209	Contemporary Trade Directory Entries Name: Dukes Motors Ltd Location: 24, Middleton Business Park, Yapton Road, Middleton-on-Sea, Bognor Regis, PO22 6HS Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	901	-	497463 100745
209	Contemporary Trade Directory Entries Name: Sussex Screen Printing Location: 1-3, Middleton Business Park, Yapton Road, Middleton-on-Sea, Bognor Regis, West Sussex, PO22 6HS Classification: Screen Process Printers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	918	-	497436 100733
210	Contemporary Trade Directory Entries Name: Obsessive Cleaning Divas Location: 6, Cobham Close, Yapton, Arundel, West Sussex, BN18 0LF Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	933	-	497718 102892
210	Contemporary Trade Directory Entries Name: O C D 2015 Ltd Location: 6, Cobham Close, Yapton, Arundel, West Sussex, BN18 0LF Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	933	-	497718 102892

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	Contemporary Trade Directory Entries Name: Airspec Uk Ltd Location: Yapton Road, Middleton-on-Sea, Bognor Regis, West Sussex, PO22 6DY Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NE (S)	947	-	497334 100730
212	Contemporary Trade Directory Entries Name: Maison Belles Location: 8, Fairholme Drive, Yapton, Arundel, West Sussex, BN18 0JH Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	971	-	498161 102798
212	Contemporary Trade Directory Entries Name: K S W Vehicle Inspections Location: 21, Fairholme Drive, Yapton, Arundel, West Sussex, BN18 0JH Classification: Vehicle Inspection Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	986	-	498199 102795
213	Contemporary Trade Directory Entries Name: Sussex Water Treatment Systems Location: 17, Harefield Road, Bognor Regis, West Sussex, PO22 6EE Classification: Water Softeners Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	987	-	497581 100646

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
214	Nitrate Vulnerable Zones Name: Aldingbourne Rife Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (NE)	0	3	497690 101797

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Arun District Council - Environmental Health Department Chichester District Council - Environmental Health Department Environment Agency - Head Office	December 2019 July 2013 September 2019	Annual Rolling Update Annual Rolling Update Annually
Discharge Consents Environment Agency - Southern Region	April 2020	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	April 2020 April 2020	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Arun District Council - Environmental Health Department Chichester District Council - Environmental Health Department	December 2014 October 2014	Variable Variable
Local Authority Pollution Prevention and Controls Arun District Council - Environmental Health Department Chichester District Council - Environmental Health Department	December 2014 October 2014	Not Applicable Not Applicable
Local Authority Pollution Prevention and Control Enforcements Arun District Council - Environmental Health Department Chichester District Council - Environmental Health Department	December 2014 October 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	April 2020	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Southern Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2020 April 2020 April 2020	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	April 2020	Quarterly
Water Industry Act Referrals Environment Agency - Southern 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

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2020	Quarterly
Flood Defences Environment Agency - Head Office	February 2020	Quarterly
OS Water Network Lines Ordnance Survey	March 2020	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	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	November 2019 November 2019 November 2019	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2020 April 2020 April 2020	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Arun District Council - Technical Support Unit Chichester District Council - Environmental Health Department West Sussex County Council - Environment & Development	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Arun District Council - Technical Support Unit Chichester District Council - Environmental Health Department West Sussex County Council - Environment & Development	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Arun District Council - Technical Support Unit Chichester District Council - Planning Department West Sussex County Council - Environment & Development	February 2016 February 2016 October 2006	Variable Variable Annual Rolling Update
Planning Hazardous Substance Consents Arun District Council - Technical Support Unit Chichester District Council - Planning Department West Sussex County Council - Environment & Development	February 2016 February 2016 October 2006	Variable Variable Annual Rolling Update

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	October 2019	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	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	April 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2020	Quarterly
Gas Pipelines National Grid	July 2014	
Underground Electrical Cables National Grid	October 2019	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Arun District Council - Technical Support Unit Chichester District Council South Downs National Park	February 2020 February 2020 February 2020	As notified As notified As notified
Areas of Unadopted Green Belt Arun District Council - Technical Support Unit Chichester District Council South Downs National Park	February 2020 February 2020 February 2020	As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	June 2019	Bi-Annually
Special Protection Areas Natural England	April 2019	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	
Peter Brett Associates	

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	Arun District Council - Technical Support Unit Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	Telephone: 01903 737500 Fax: 01903 730442 Website: www.arun.gov.uk
6	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	Telephone: 01243 777100 Website: www.westsussex.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.

3. Supporting information

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

3. Supporting information

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

3. Supporting information

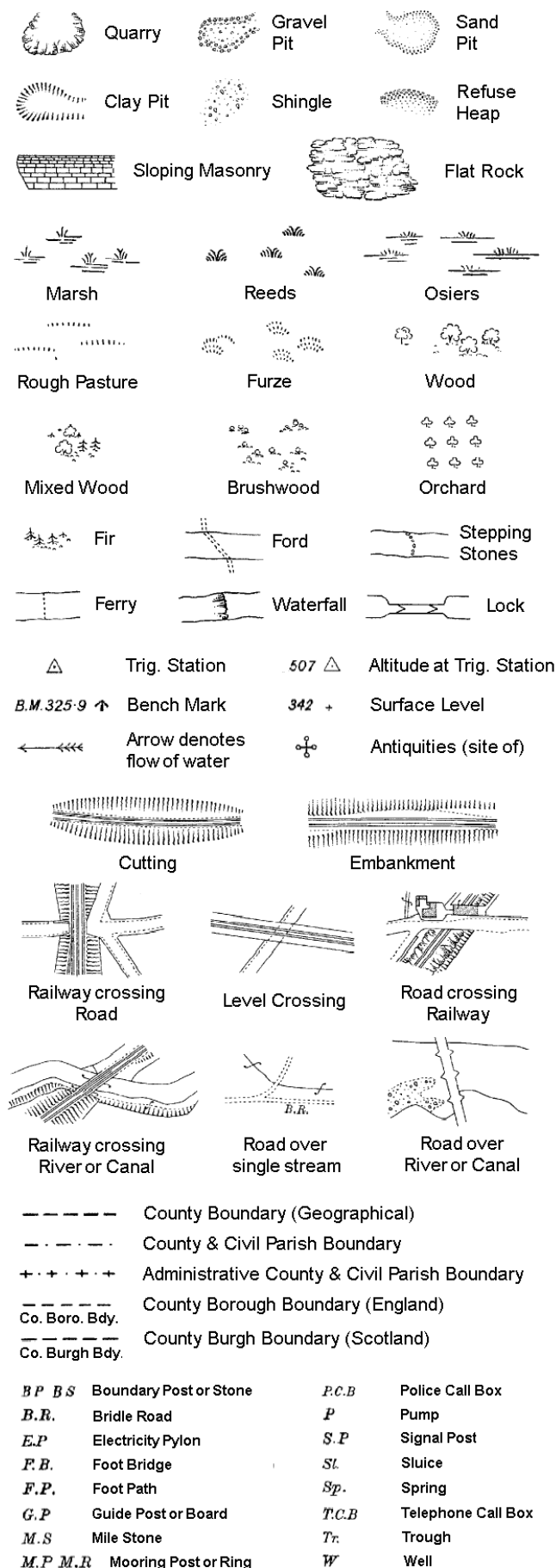
3.5 Historical land use maps

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

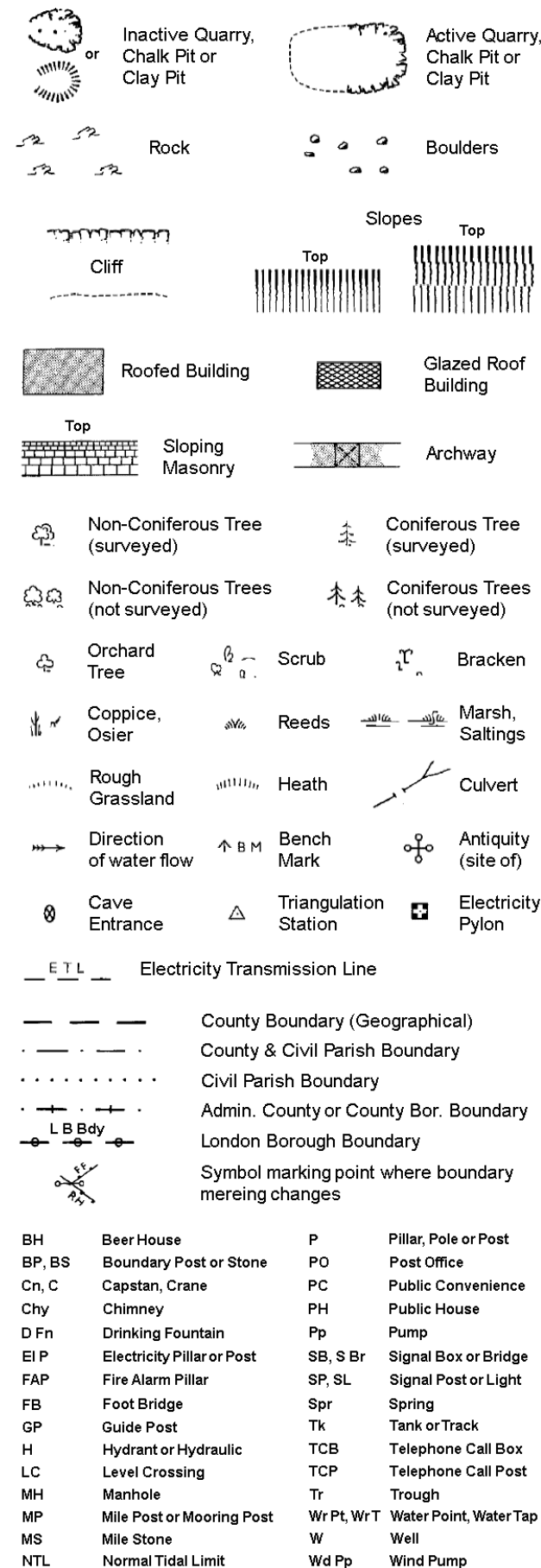


Historical Mapping Legends

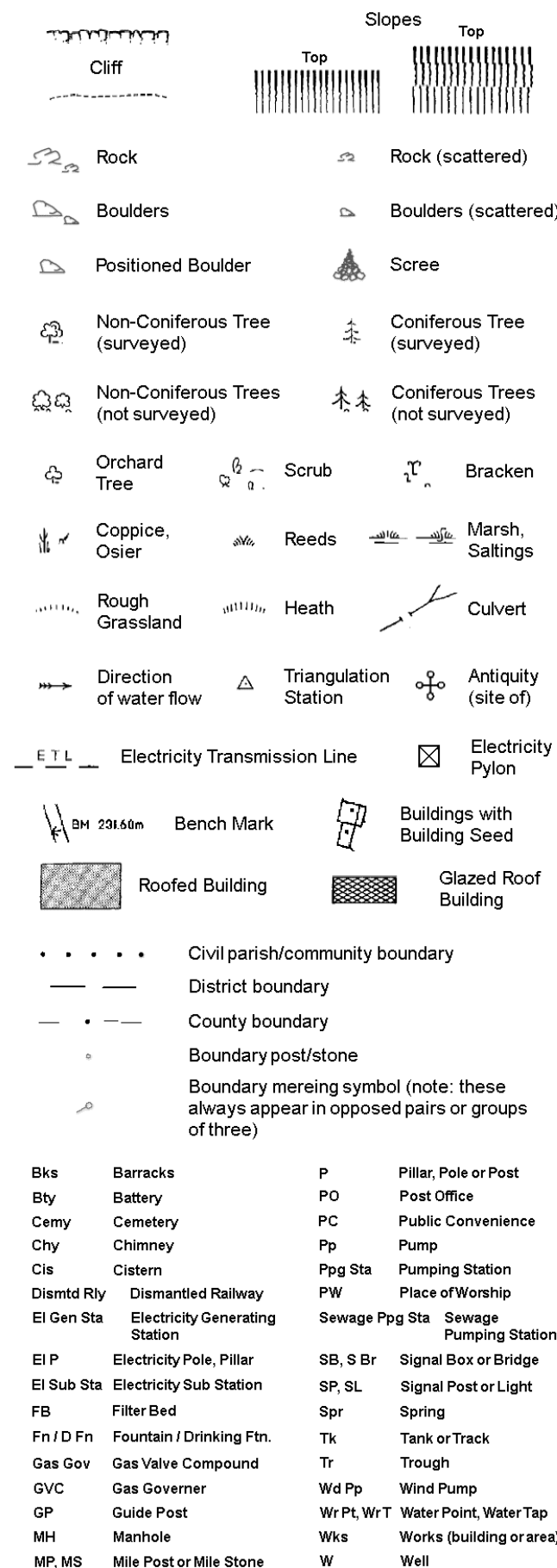
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



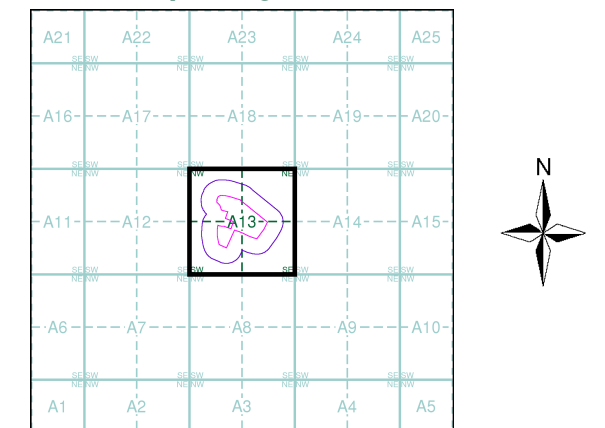
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:2,500	1876	2
Sussex	1:2,500	1898	3
Sussex	1:2,500	1912	4
Sussex	1:2,500	1933 - 1940	5
Ordnance Survey Plan	1:2,500	1974 - 1977	6
Additional SIMs	1:2,500	1977 - 1978	7
Additional SIMs	1:2,500	1983 - 1989	8
Ordnance Survey Plan	1:2,500	1984	9
Additional SIMs	1:2,500	1984	10
Additional SIMs	1:2,500	1991	11
Large-Scale National Grid Data	1:2,500	1994	12
Large-Scale National Grid Data	1:2,500	1994	13

Historical Map - Segment A13



Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



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

Sussex

Published 1876

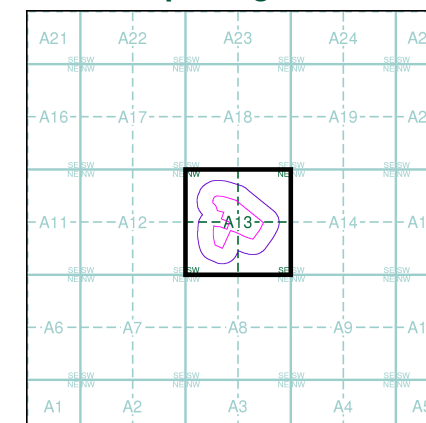
Source map scale - 1:2,500

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)

062_15 1876 1:2,500	062_16 1876 1:2,500
074_03 1876 1:2,500	074_04 1876 1:2,500

Historical Map - Segment A13

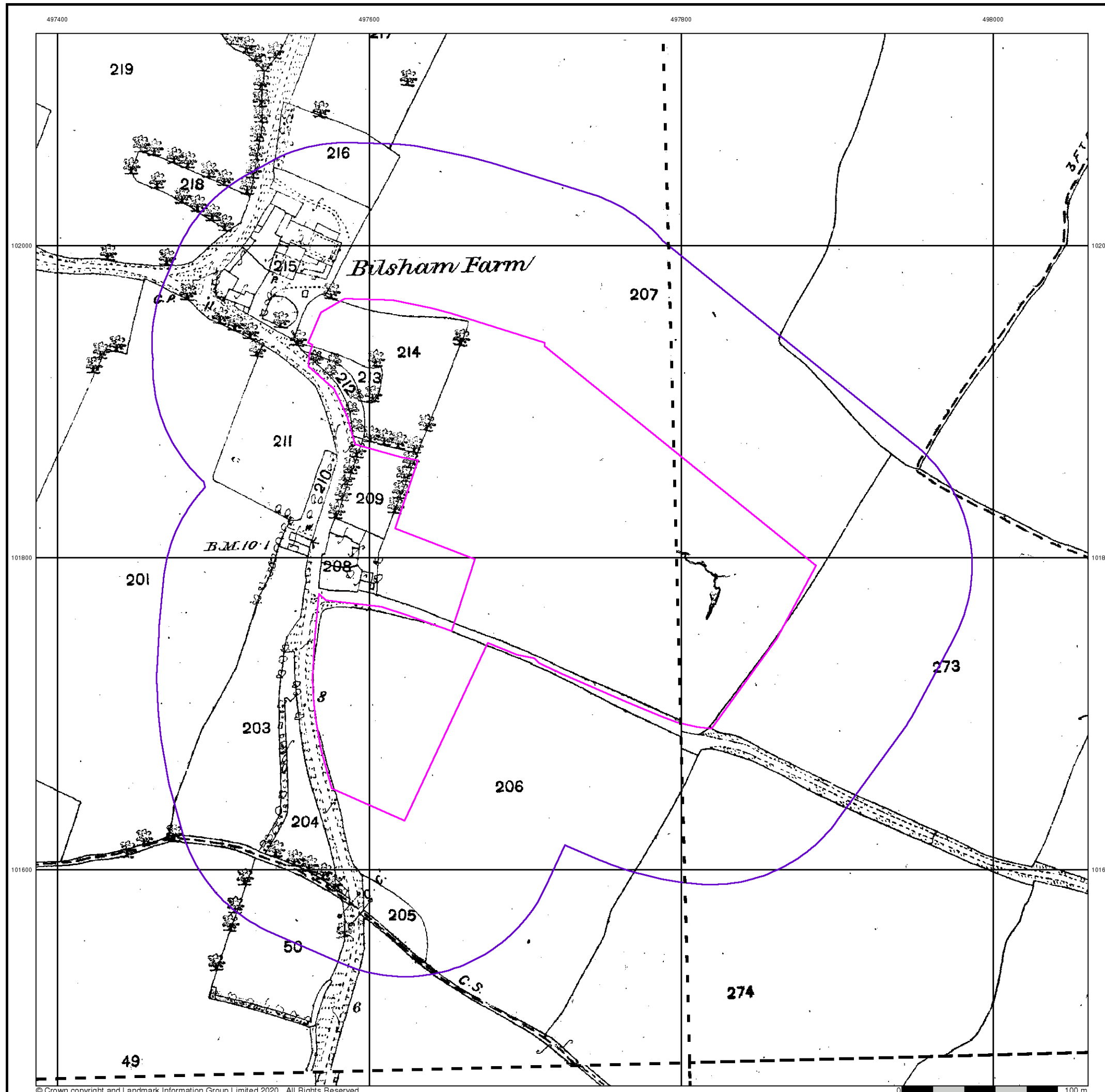


Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



Sussex

Published 1912

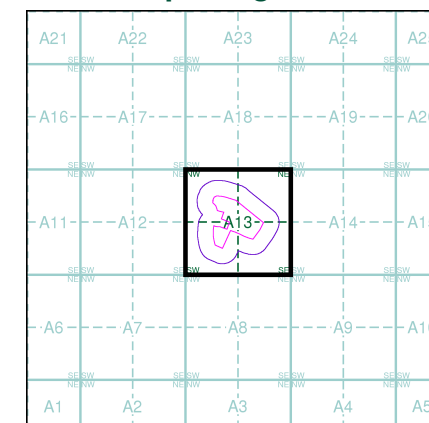
Source map scale - 1:2,500

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)

062_15 1912 1:2,500	062_16 1912 1:2,500
074_03 1912 1:2,500	074_04 1912 1:2,500

Historical Map - Segment A13

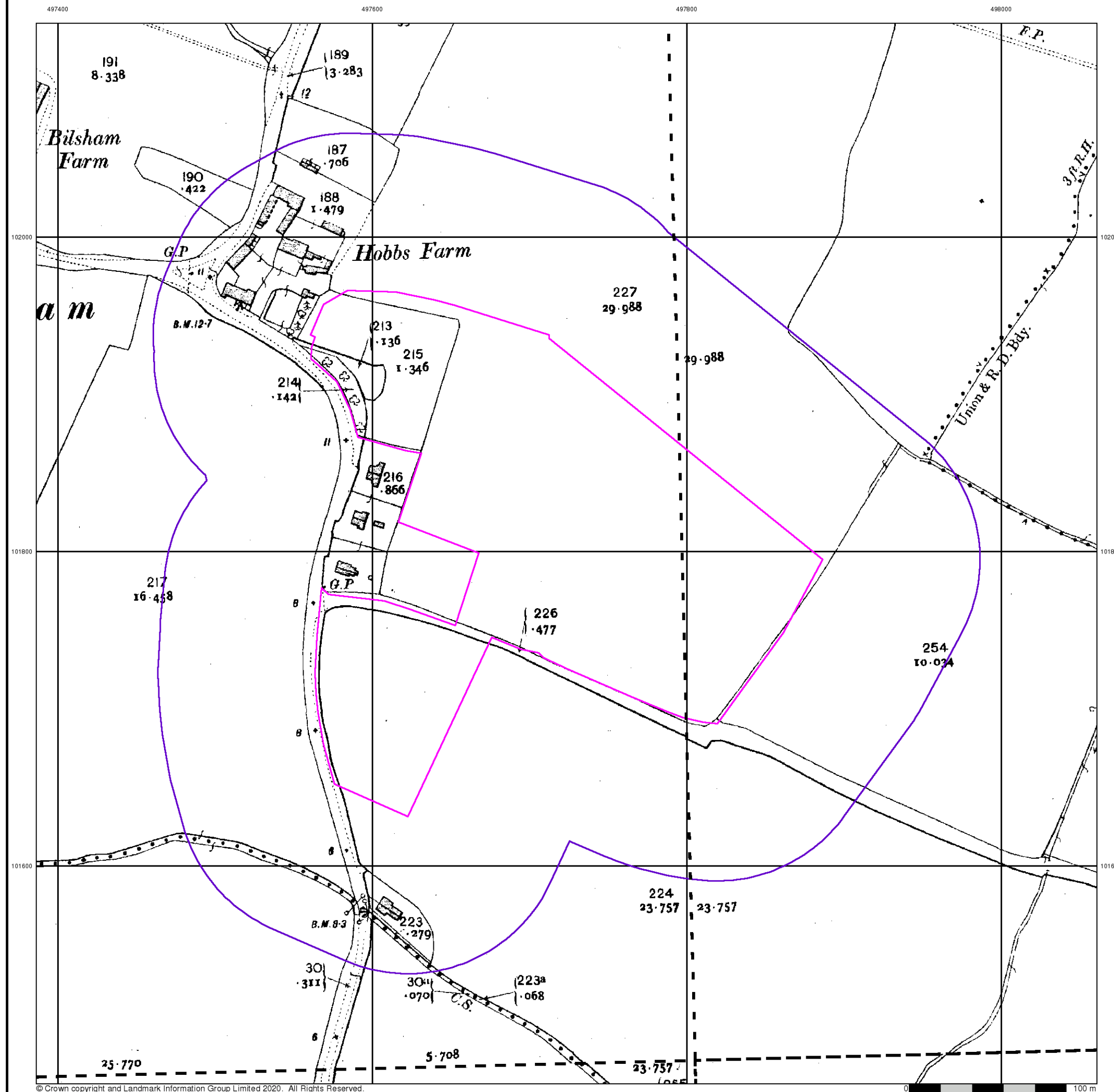


Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



Sussex

Published 1933 - 1940

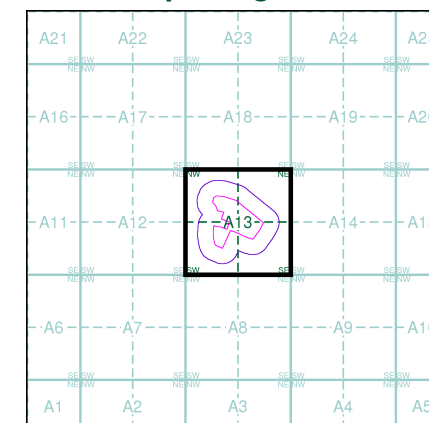
Source map scale - 1:2,500

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)

062_15 1940 1:2,500	062_16 1937 1:2,500
074_03 1933 1:2,500	074_04 1933 1:2,500

Historical Map - Segment A13

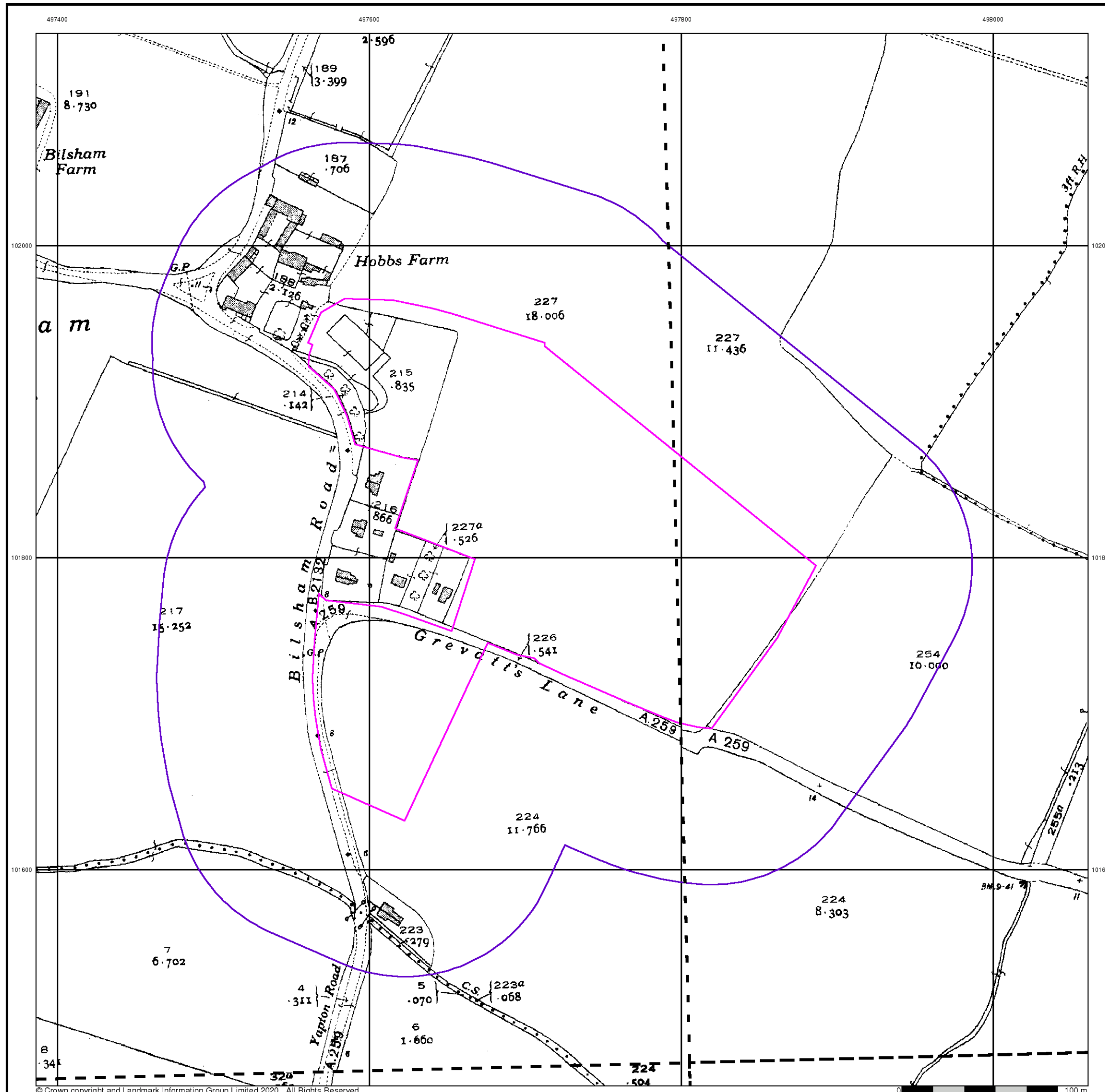


Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



Ordnance Survey Plan

Published 1974 - 1977

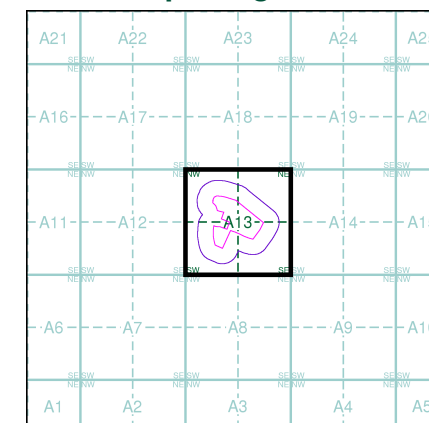
Source map scale - 1:2,500

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)

SU9702 1975 12,500	SU9802 1975 12,500
SU9701 1977 12,500	SU9801 1974 12,500

Historical Map - Segment A13

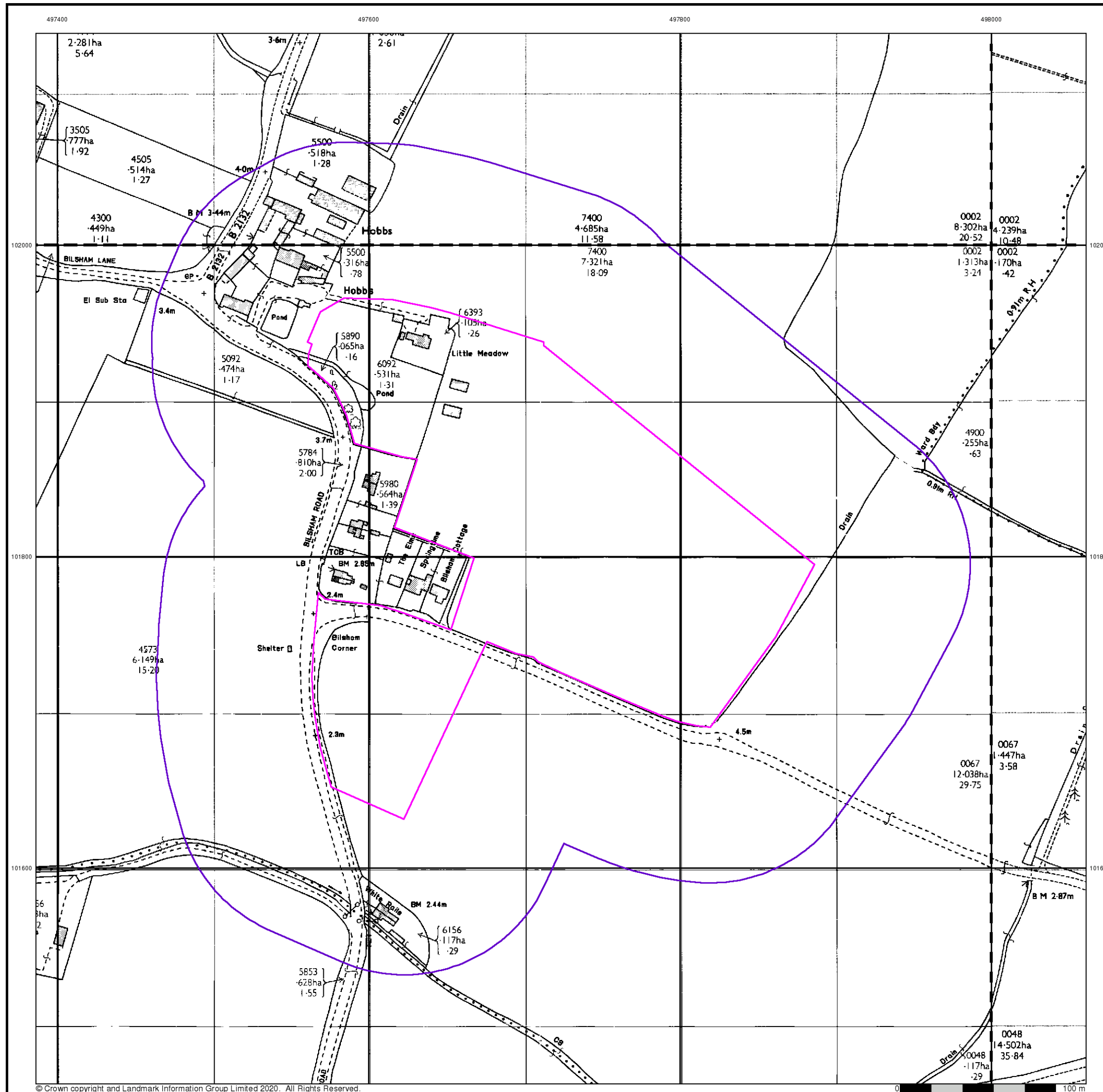


Order Details

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Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



Additional SIMs

Published 1977 - 1978

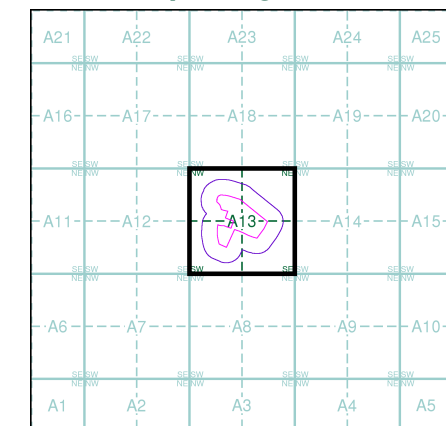
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SU9702 1978 12,500	SU9802 1978 12,500
SU9701 1977 12,500	

Historical Map - Segment A13

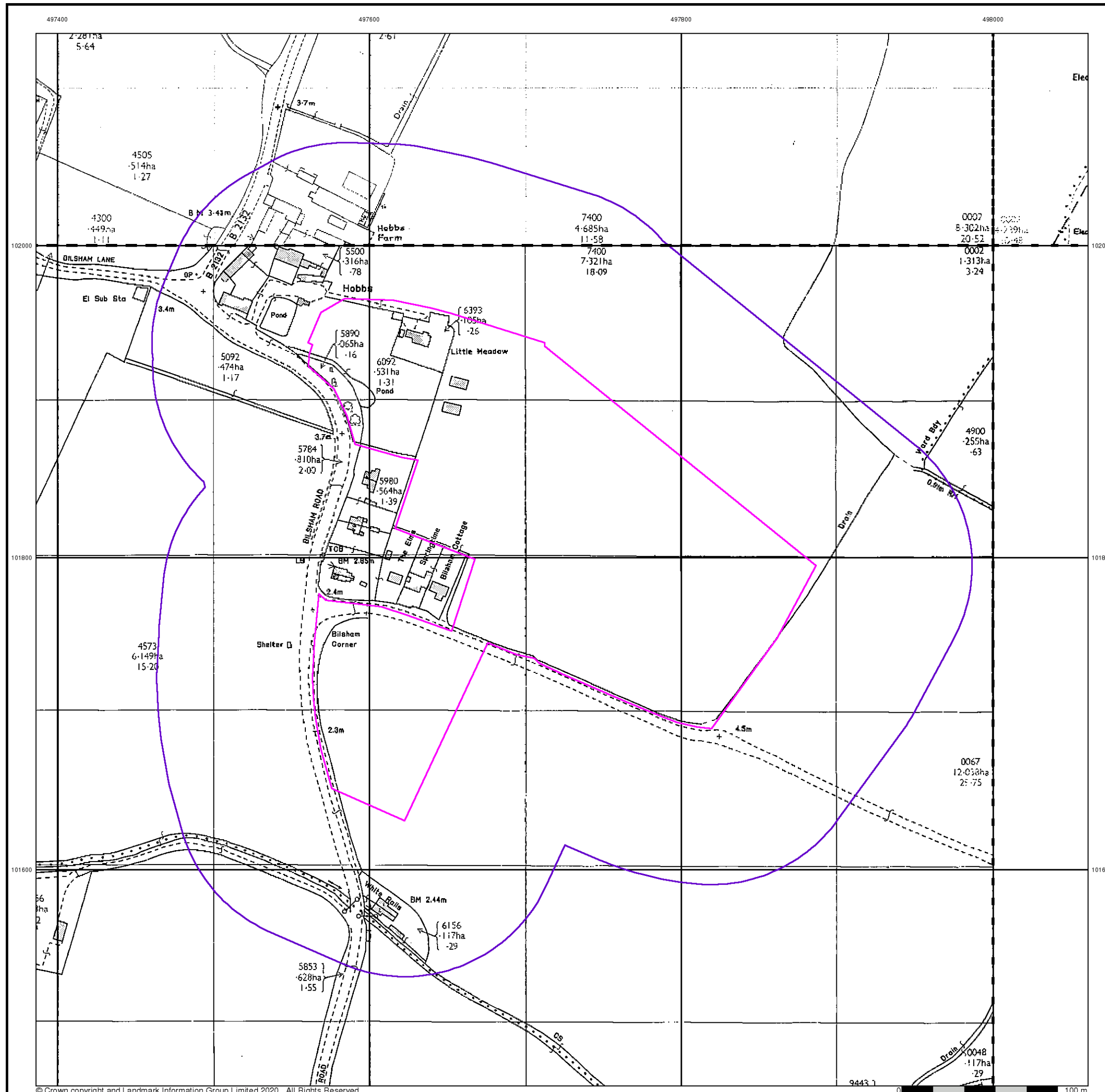


Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



Additional SIMs

Published 1983 - 1989

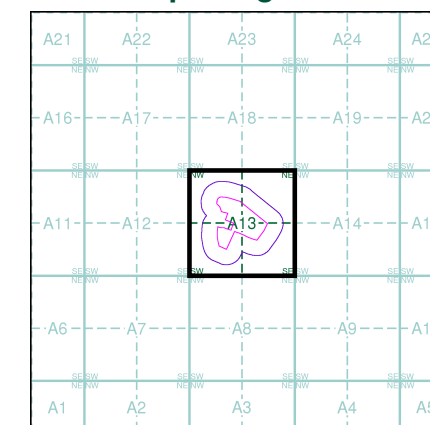
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SU9702 1989 1:2,500	SU9802 1984 1:2,500
SU9701 1983 1:2,500	

Historical Map - Segment A13

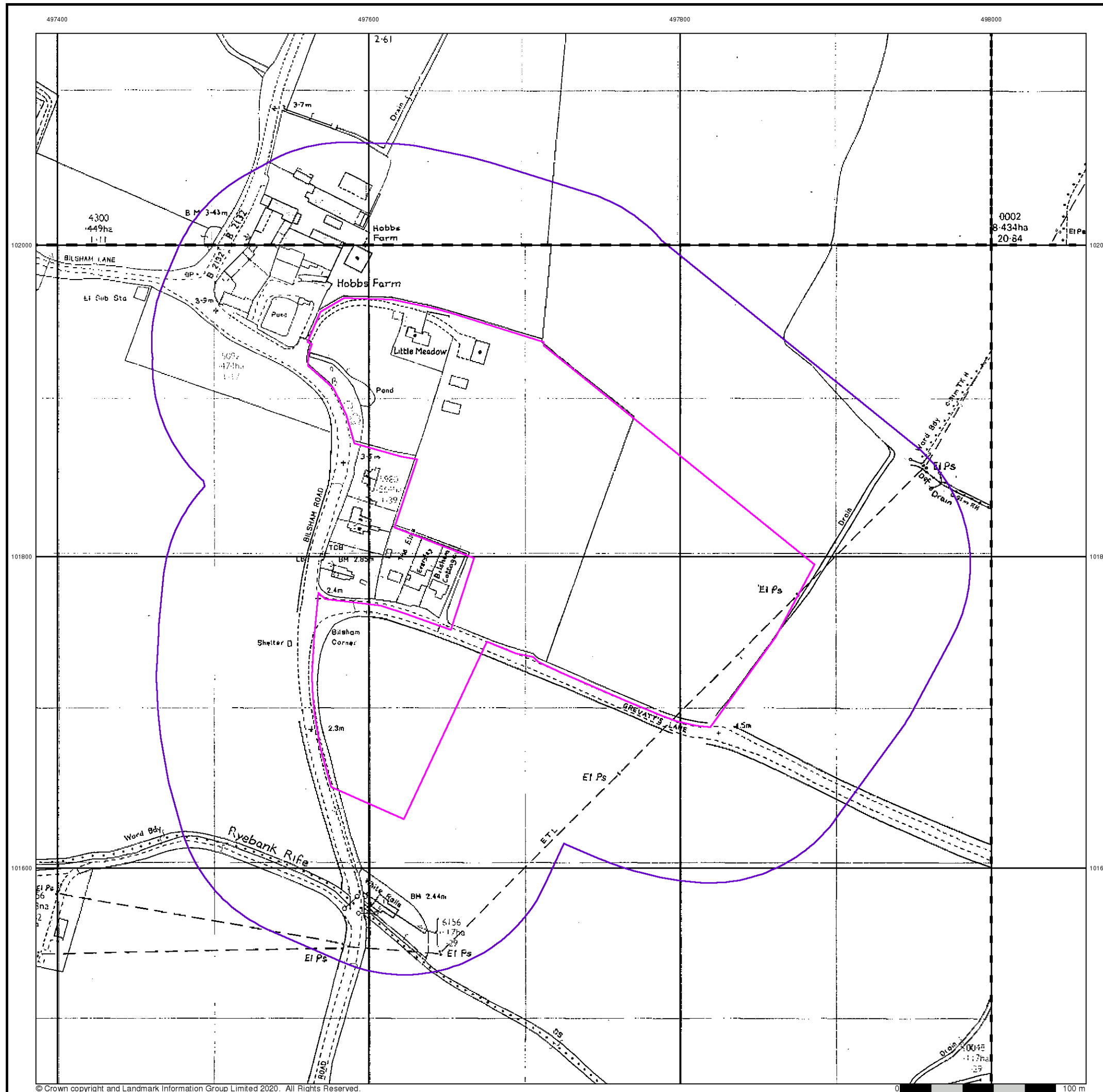


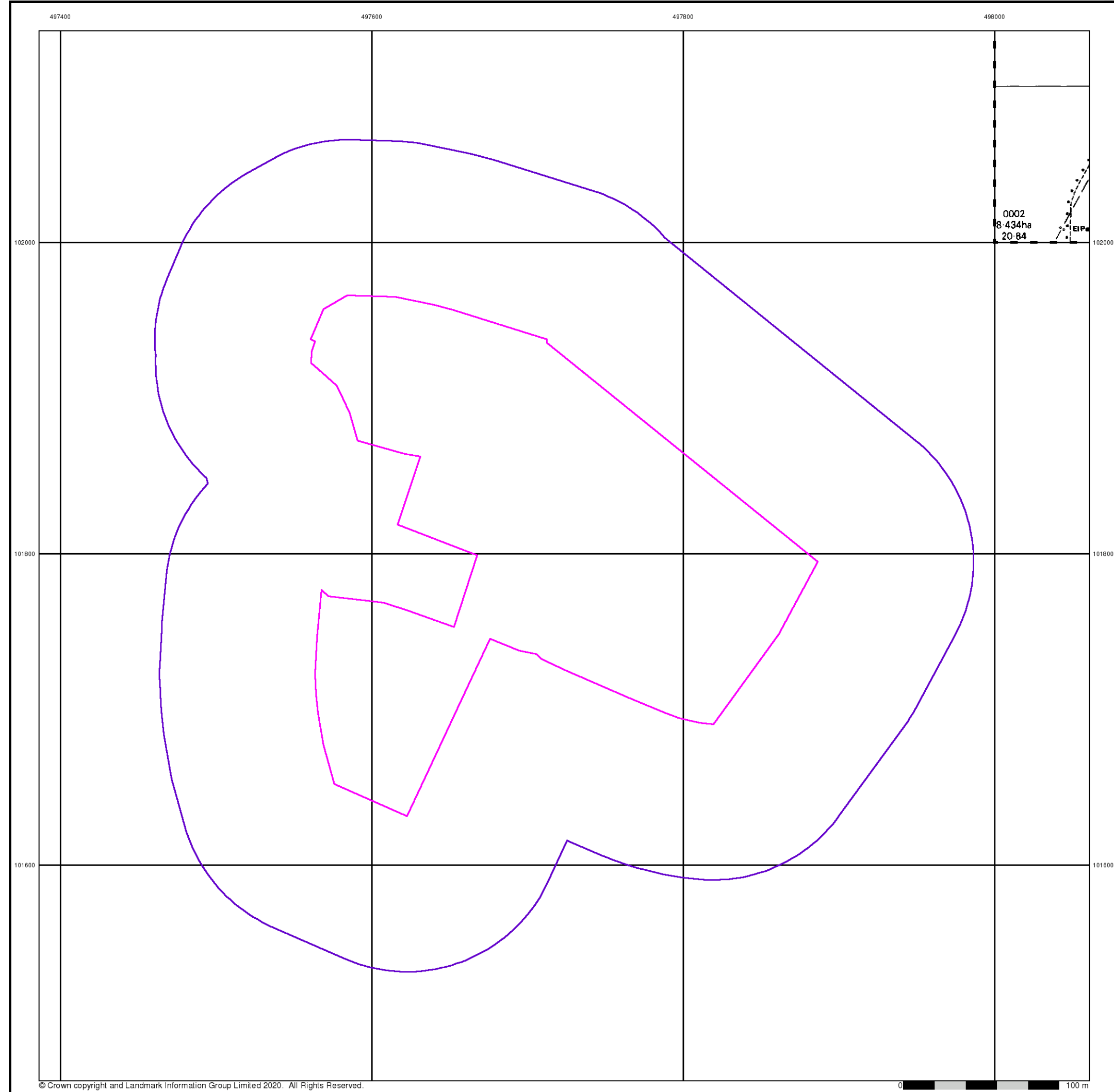
Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY





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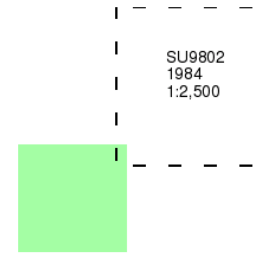
Ordnance Survey Plan

Published 1984

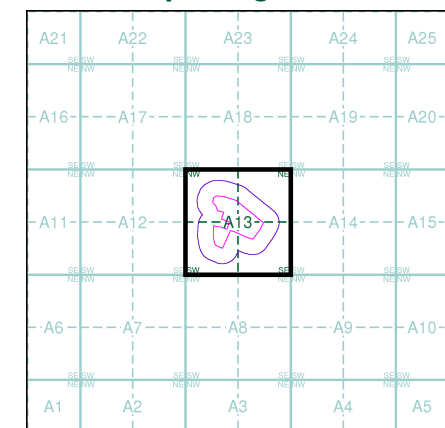
Source map scale - 1:2,500

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

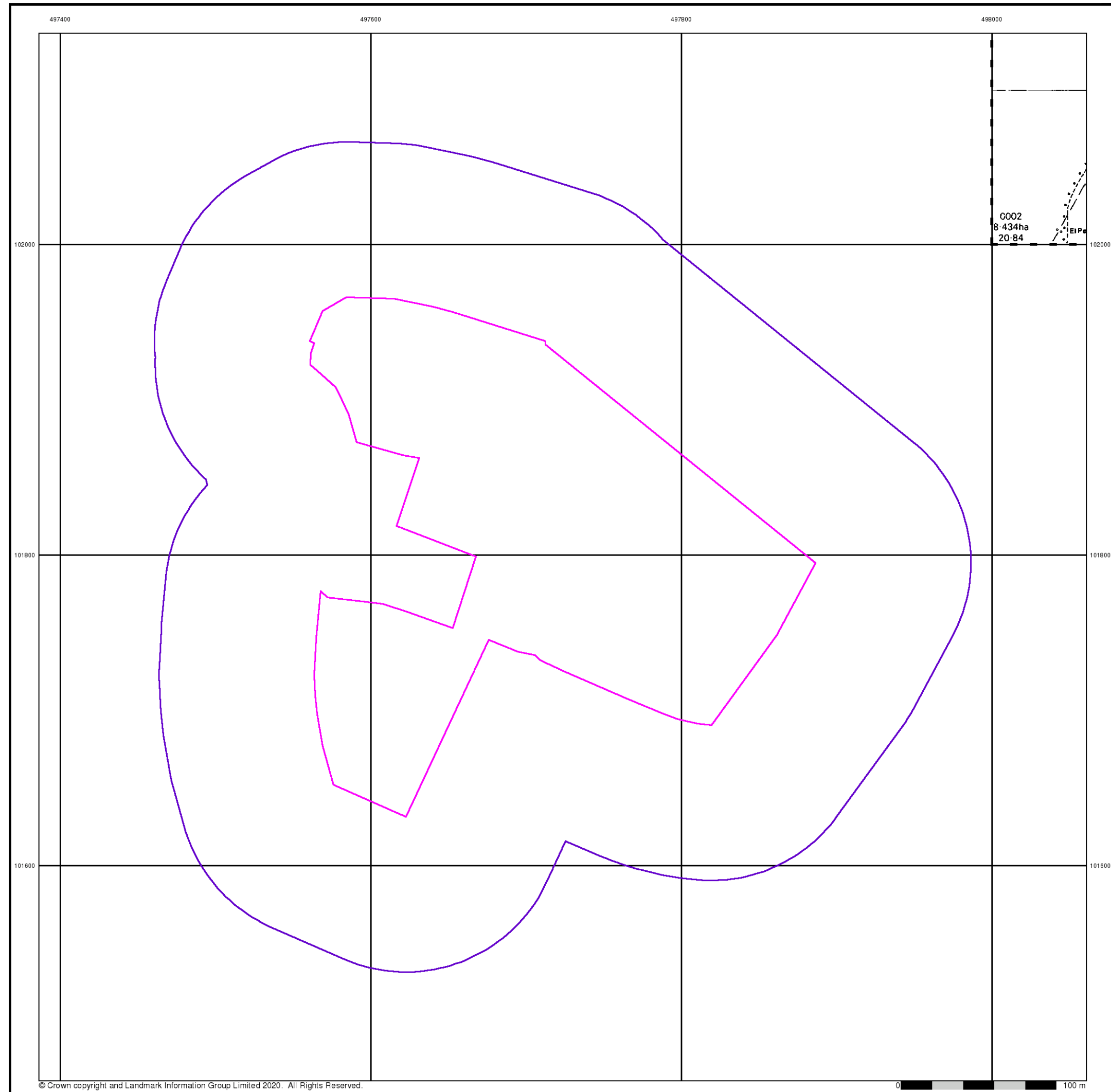
Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



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





Additional SIMs

Published 1984

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

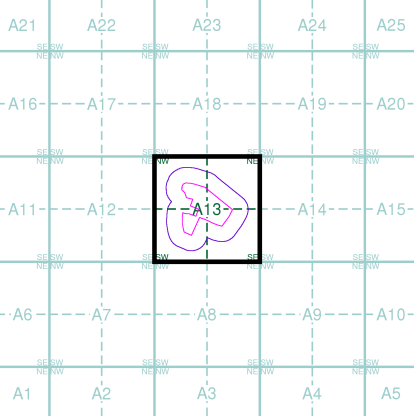


SU9802

1984

1:2,500

Historical Map - Segment A13



Order Details

Order Number:	245138159_1_1
Customer Ref:	73344
National Grid Reference:	497690, 101800
Slice:	A
Site Area (Ha):	5.69
Search Buffer (m):	100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



Tel:

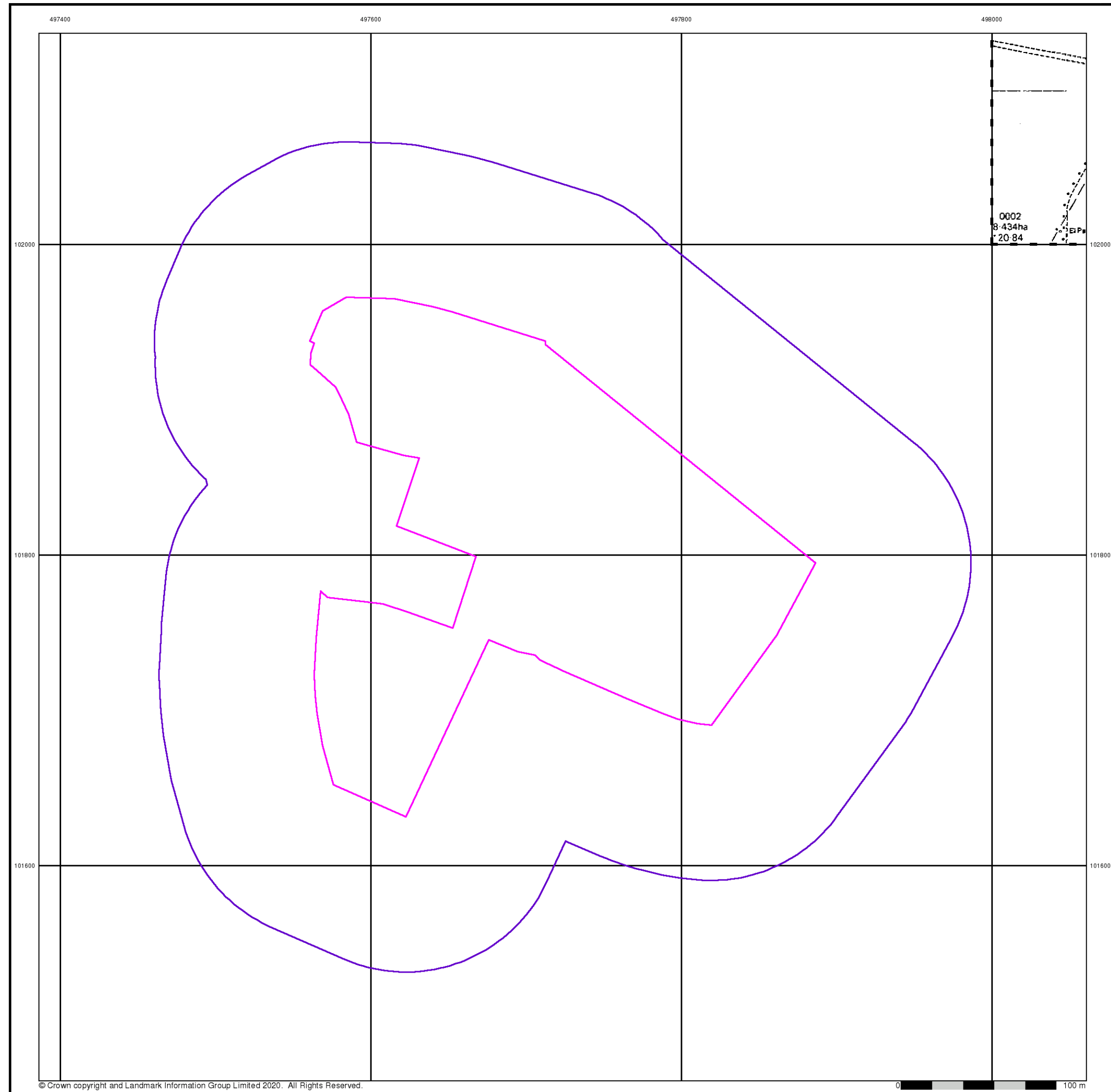
0844 844 9952

Fax:

0844 844 9951

Web:

www.envirocheck.co.uk



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0 100 m



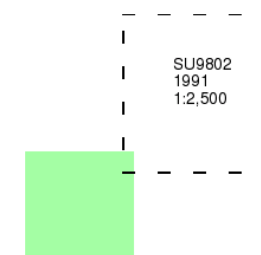
Additional SIMs

Published 1991

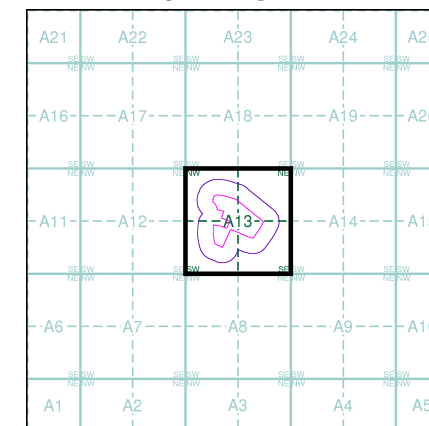
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
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Large-Scale National Grid Data

Published 1994

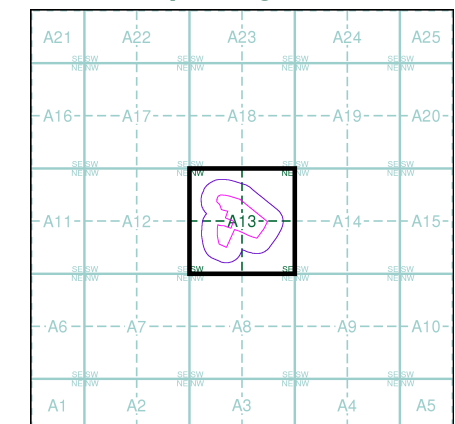
Source map scale - 1:2,500

'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)

SU9702 1994 1:2,500	SU9802 1994 1:2,500
SU9701 1994 1:2,500	SU9801 1994 1:2,500

Historical Map - Segment A13

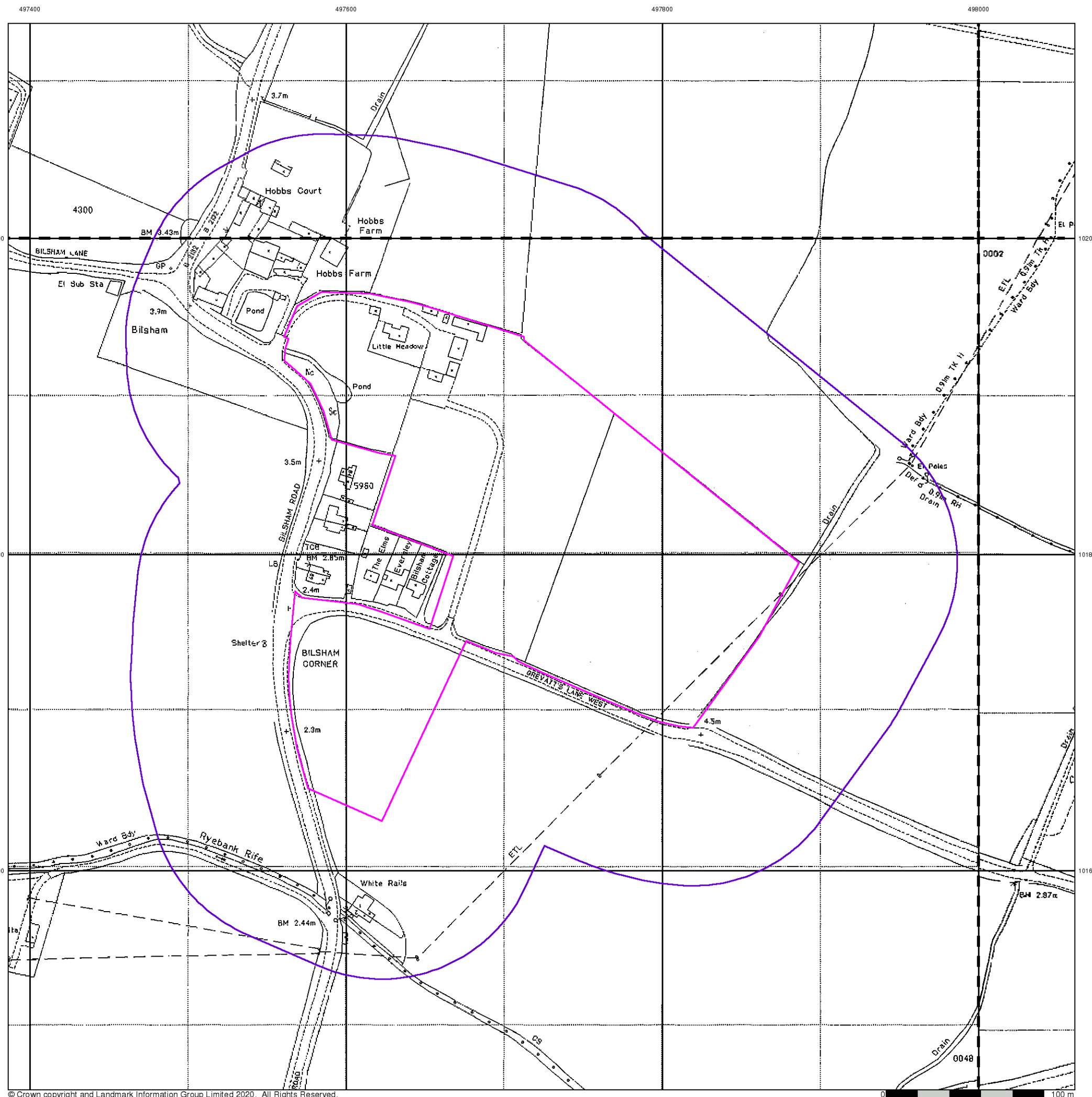


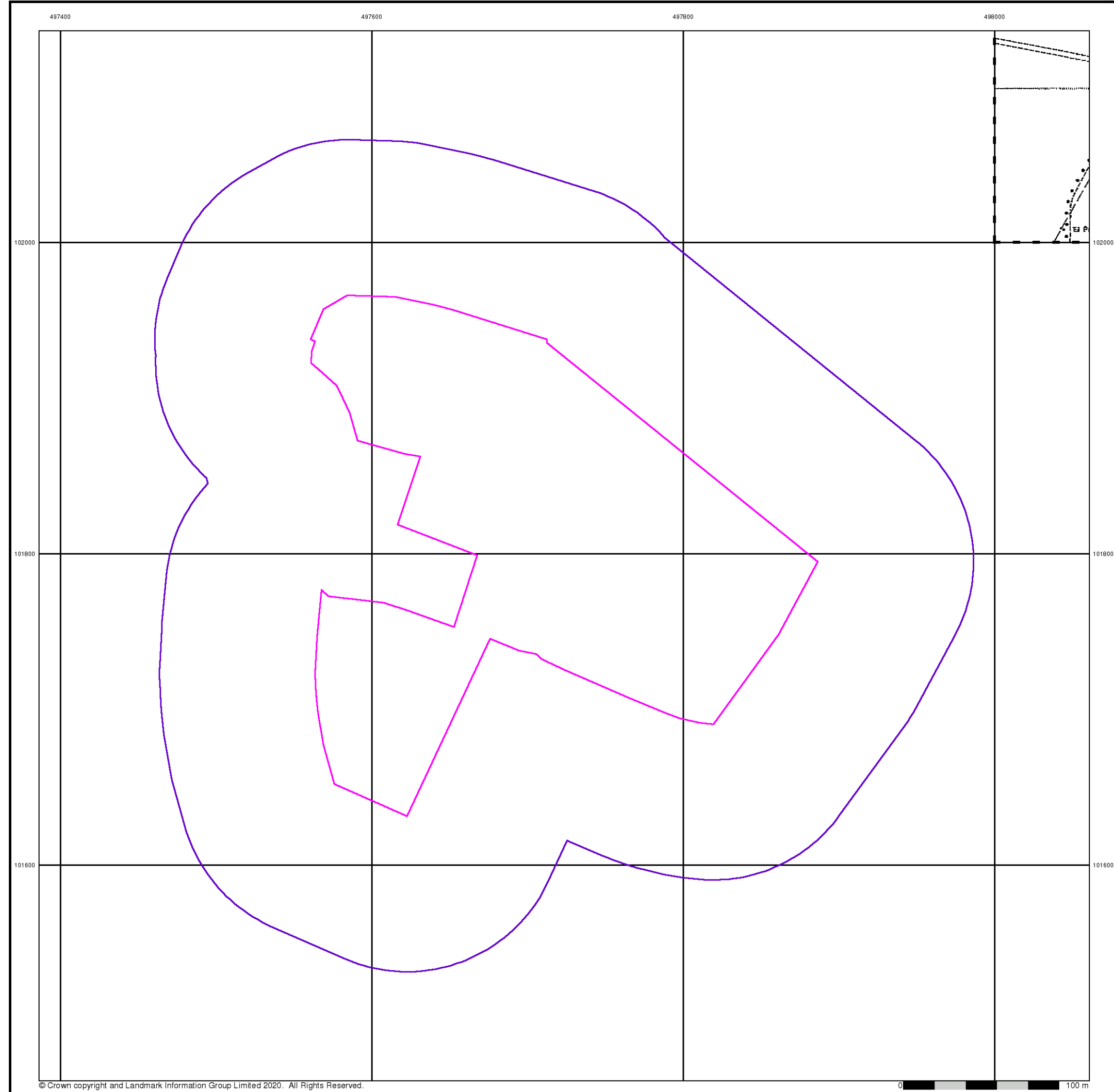
Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY

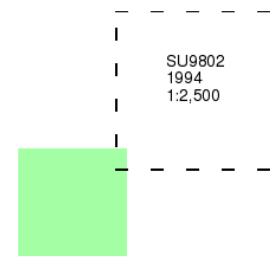




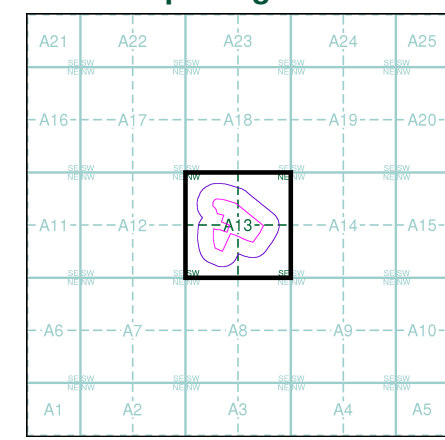
Large-Scale National Grid Data
Published 1994
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
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Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 100

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY

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

Fenced

Un-Fenced

Minor Roads

Fenced

Un-Fenced

Sunken Road

Raised Road

Road over Railway

Railway over River

Railway over Road

Level Crossing

Road over River or Canal

Road over Stream

Road over Stream

County Boundary (Geographical)

County & Civil Parish Boundary

Administrative County & Civil Parish Boundary

County Borough Boundary (England)

County Burgh Boundary (Scotland)

Rural District Boundary

Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry

Gravel Pit

Sand Pit

Disused Pit or Quarry

Refuse or Slag Heap

Lake, Loch or Pond

Dunes

Boulders

Coniferous Trees

Non-Coniferous Trees

Orchard

Scrub

Coppice

Bracken

Heath

Rough Grassland

Marsh

Reeds

Saltings

Building

Glasshouse

Direction of Flow of Water

Shingle

Sand

Sloping Masonry

Pylon

Electricity Transmission Line

Pole

Cutting

Embankment

Standard Gauge Multiple Track

Standard Gauge Single Track

Siding, Tramway or Mineral Line

Narrow Gauge

Geographical County

Administrative County, County Borough or County of City

Municipal Borough, Urban or Rural District, Burgh or District Council

Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries

Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS

Ch

CH

F E Sta

FB

Fn

GP

MP

MS

Boundary Post or Stone

Church

Club House

Fire Engine Station

Foot Bridge

Fountain

Guide Post

Mile Post

Mile Stone

Pol Sta

PO

PC

PH

SB

SB

Spr

TCB

TCP

W

Police Station

Post Office

Public Convenience

Public House

Signal Box

Spring

Telephone Call Box

Telephone Call Post

Well

1:10,000 Raster Mapping

Gravel Pit

Rock

Boulders

Shingle

Sand

Slopes

General detail

Overhead detail

Multi-track railway

County boundary (England only)

District, Unitary, Metropolitan, London Borough boundary

Area of wooded vegetation

Non-coniferous trees (scattered)

Coniferous trees (scattered)

Orchard

Rough Grassland

Scrub

Water feature

MHW(S) Mean high water (springs)

Bench mark (where shown)

Point feature (e.g. Guide Post or Mile Stone)

Site of (antiquity)

General Building

Refuse tip or slag heap

Rock (scattered)

Boulders (scattered)

Mud

Sand Pit

Top of cliff

Underground detail

Narrow gauge railway

Single track railway

Civil, parish or community boundary

Constituency boundary

Non-coniferous trees

Coniferous trees

Positioned tree

Coppice or Osiers

Heath

Marsh, Salt Marsh or Reeds

Flow arrows

MLW(S) Mean low water (springs)

Triangulation station

Pylon, flare stack or lighting tower

Glasshouse

Important Building

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:10,560	1879 - 1880	2
Sussex	1:10,560	1899	3
Sussex	1:10,560	1913	4
Sussex	1:10,560	1913	5
Sussex	1:10,560	1913	6
Sussex	1:10,560	1932	7
Sussex	1:10,560	1940 - 1951	8
Ordnance Survey Plan	1:10,000	1962	9
Ordnance Survey Plan	1:10,000	1967	10
Ordnance Survey Plan	1:10,000	1980	11
Ordnance Survey Plan	1:10,000	1992	12
10K Raster Mapping	1:10,000	2000	13
Street View	Variable		14

Historical Map - Slice A

Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

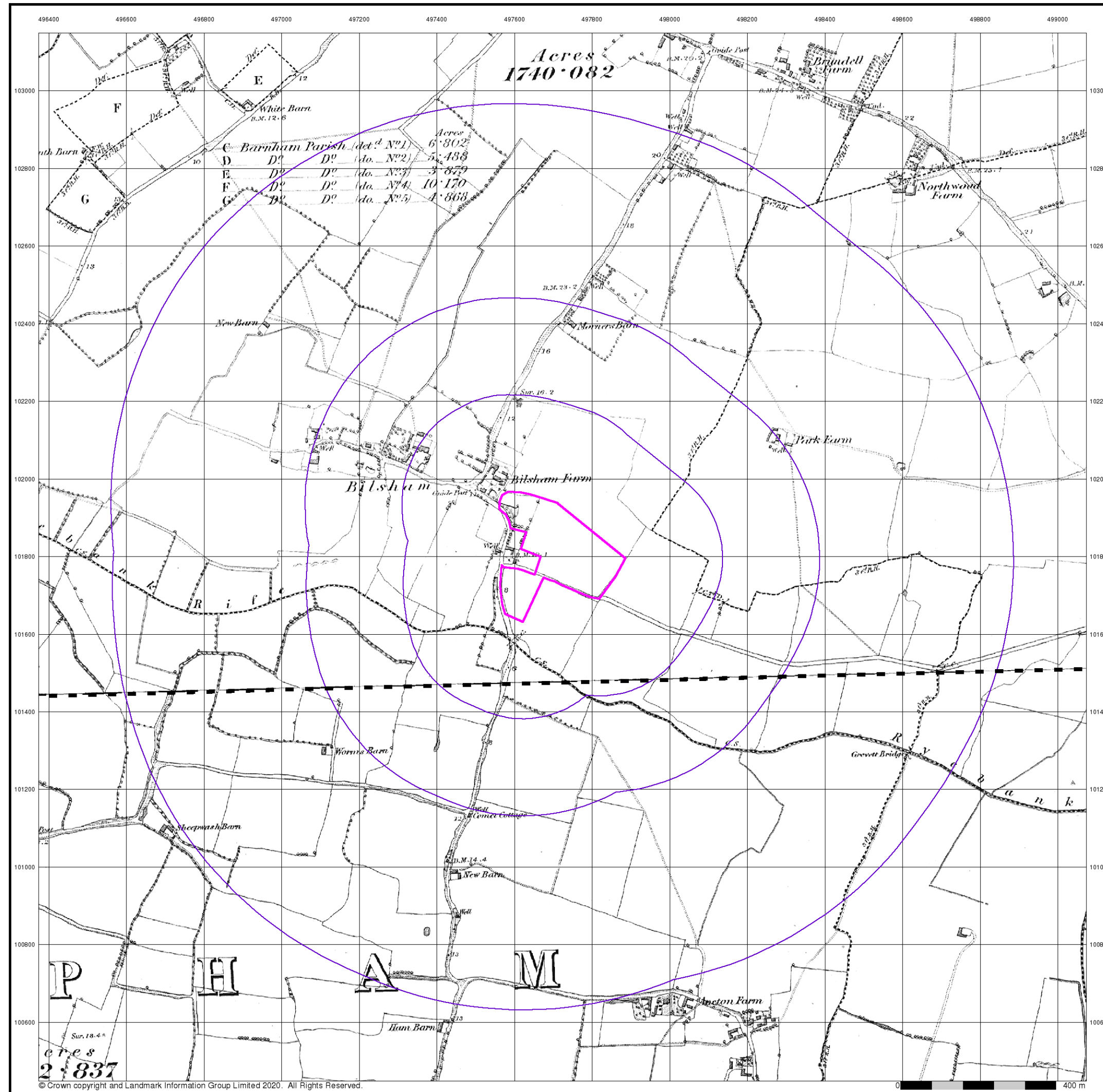
Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY

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

A Landmark Information Group Service v50.0 18-Jun-2020 Page 1 of 14

ARUN DISTRICT COUNCIL Y/70/20/C/JT



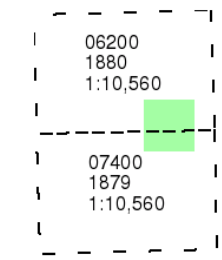
Sussex

Published 1879 - 1880

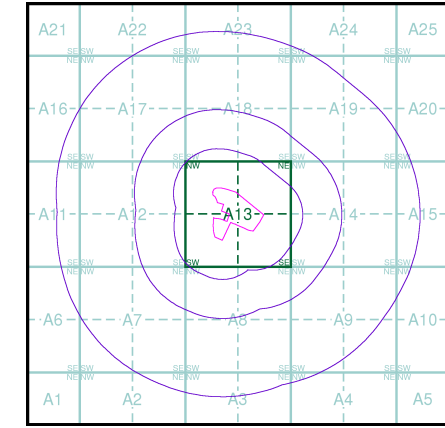
Source map scale - 1:10,560

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

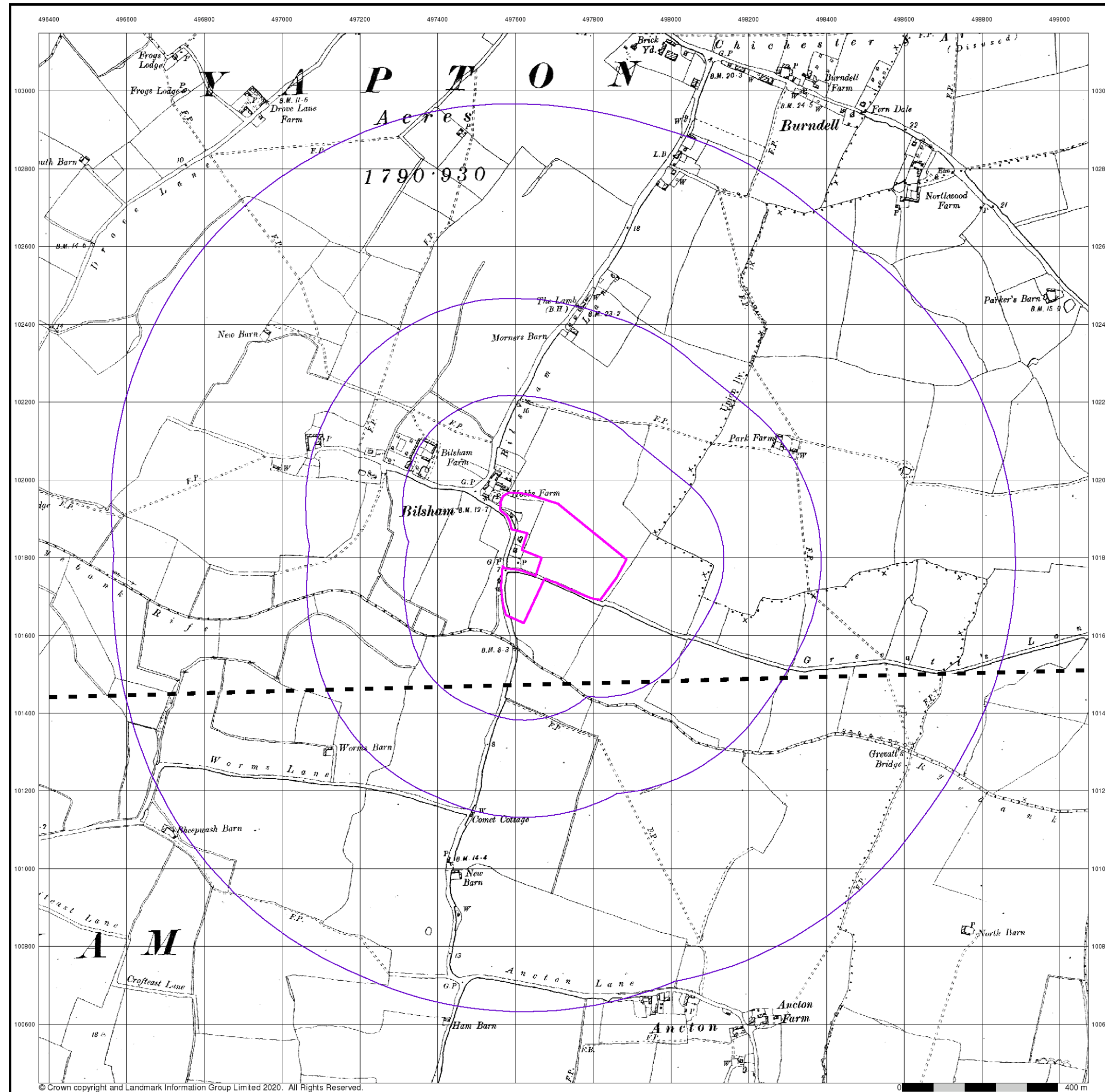
Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



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Sussex

Published 1899

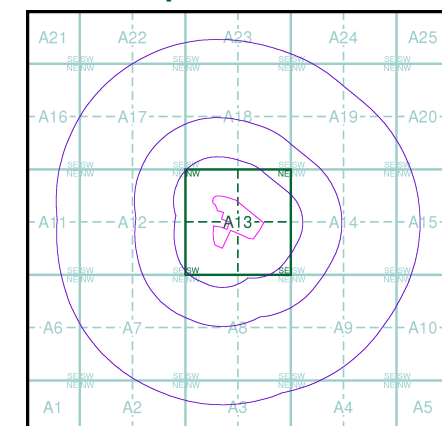
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

062SE
1899
1:10,560
074NE
1899
1:10,560

Historical Map - Slice A



Order Details

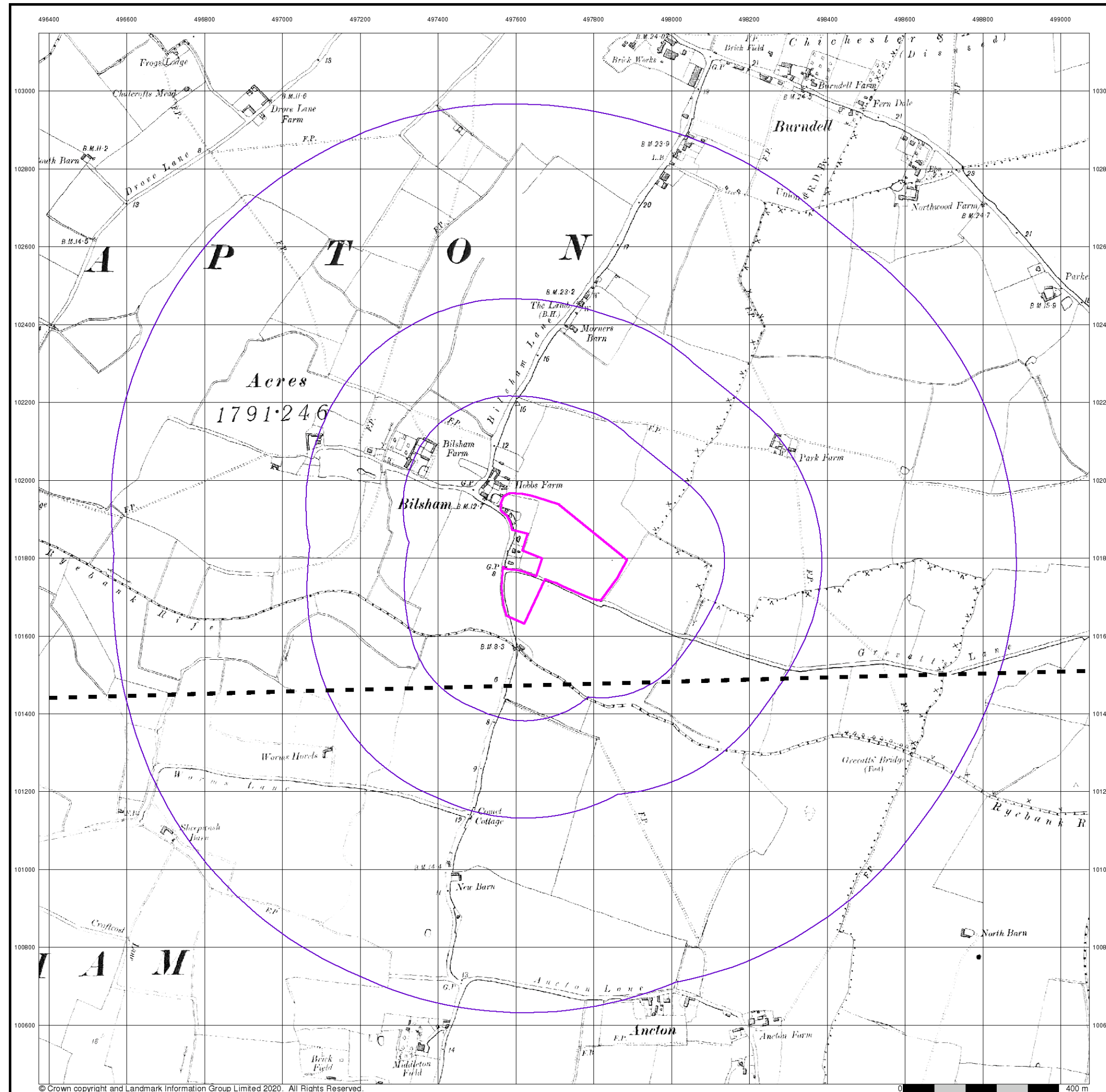
Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



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Sussex

Published 1913

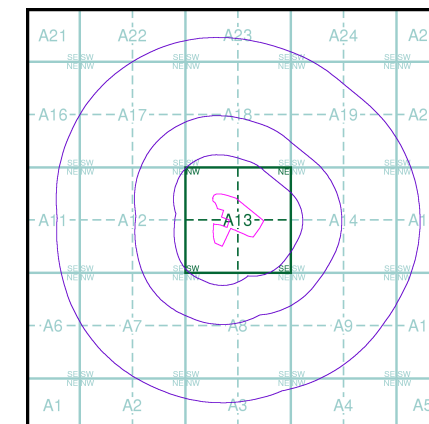
Source map scale - 1:10,560

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)

062SE
1913
1:10,560
074NE
1913
1:10,560

Historical Map - Slice A

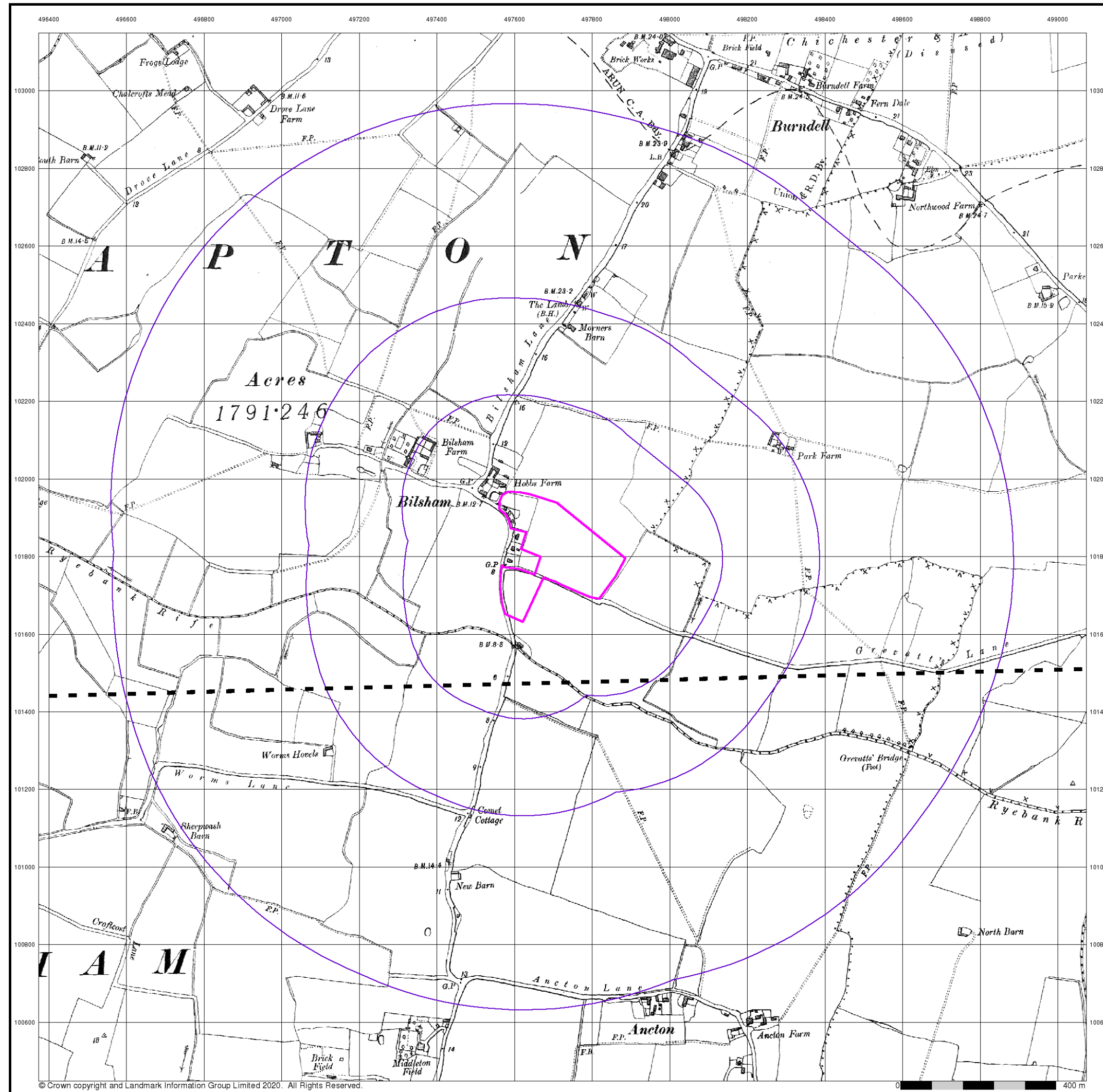


Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



Sussex

Published 1913

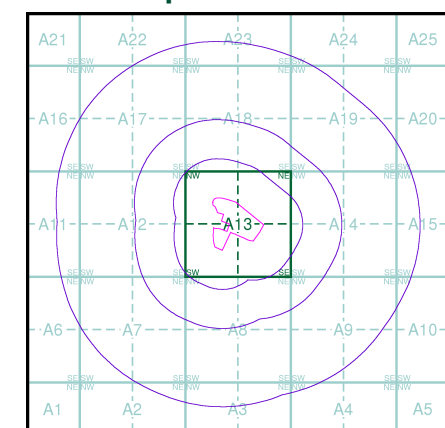
Source map scale - 1:10,560

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)

062SE
1913
1:10,560
074NE
1913
1:10,560

Historical Map - Slice A



Order Details

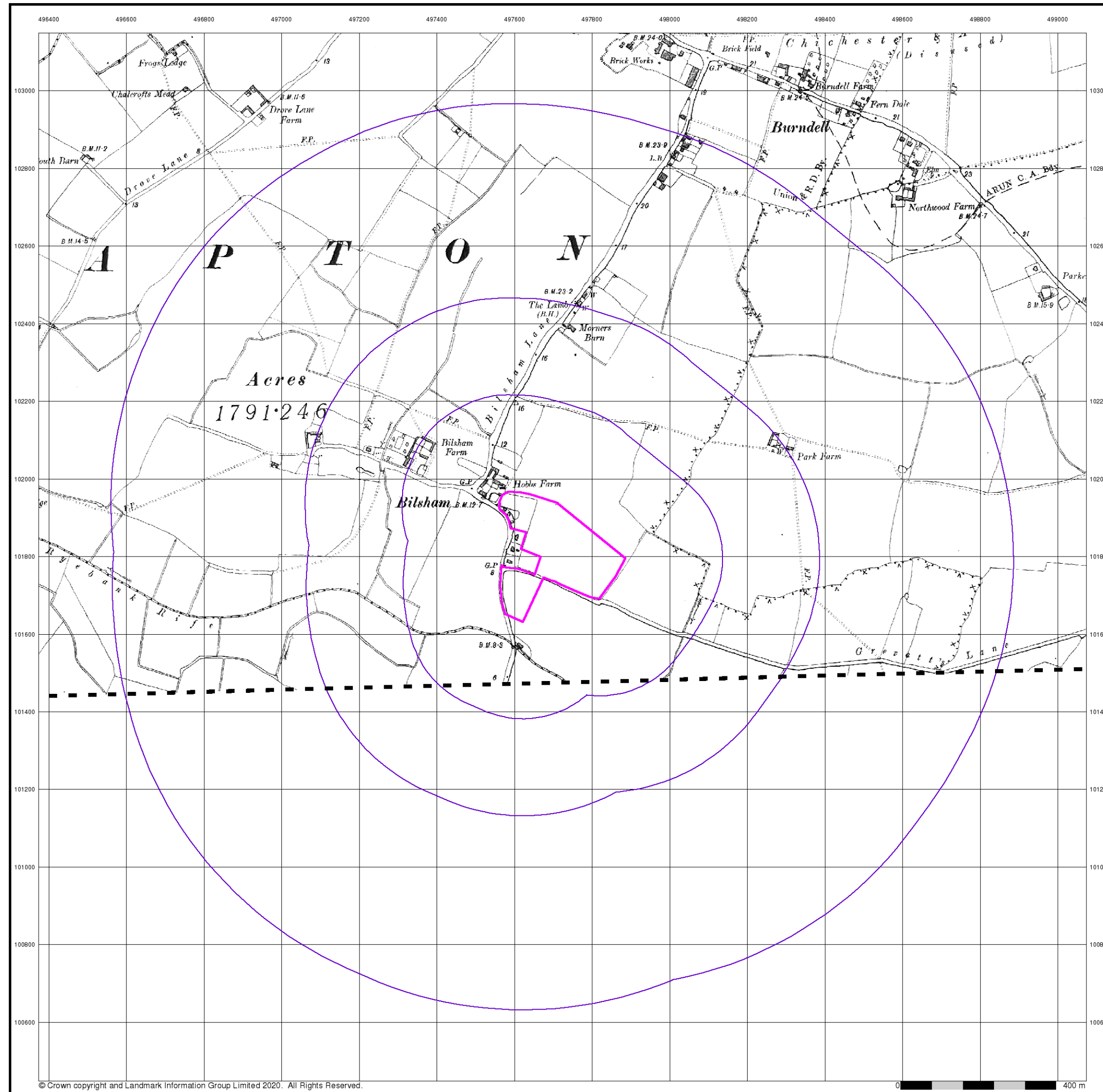
Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
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Site Area (Ha): 5.69
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Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



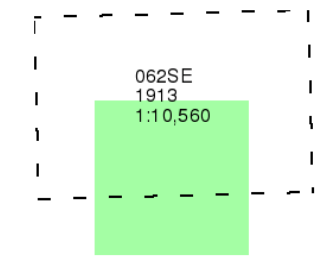
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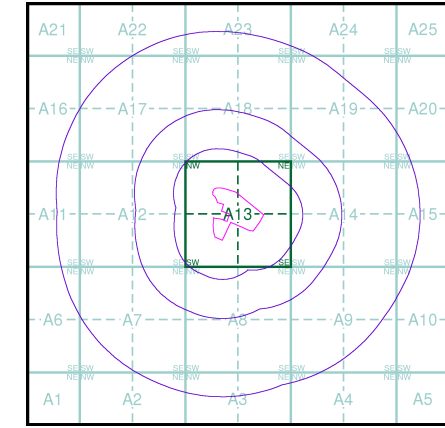
Sussex
Published 1913
Source map scale - 1:10,560

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

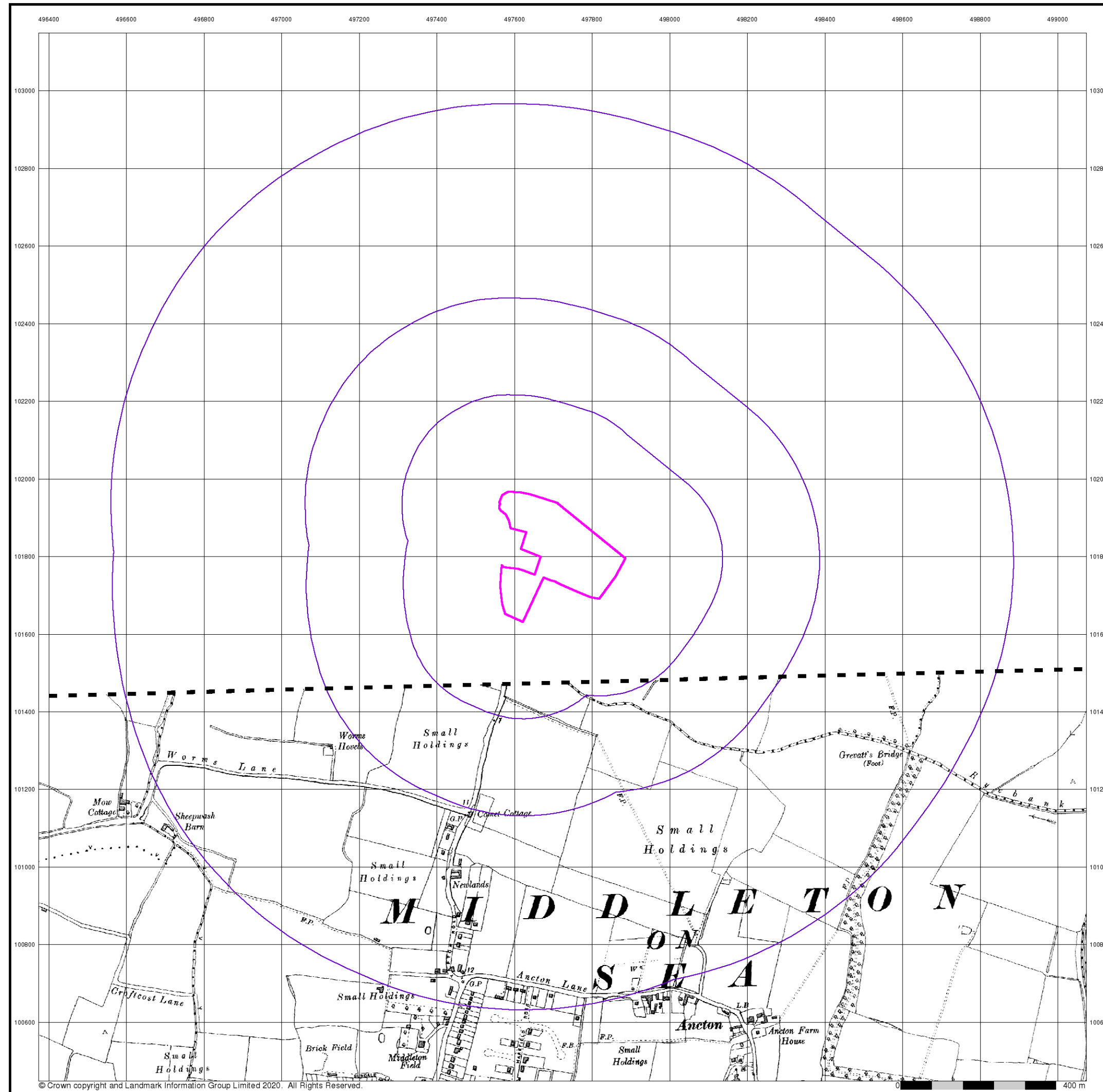
Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



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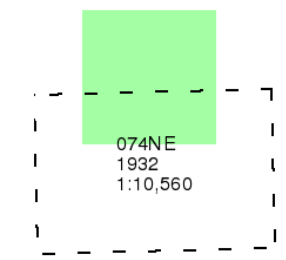
Sussex

Published 1932

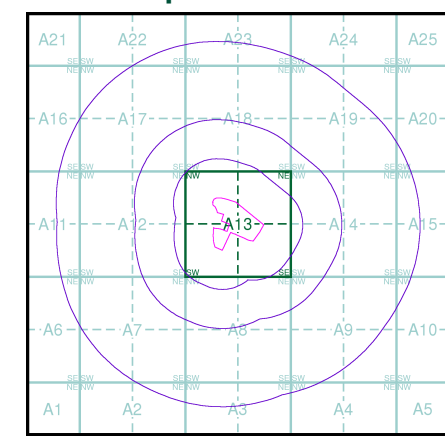
Source map scale - 1:10,560

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

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Historical Map - Slice A



Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
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Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY

Sussex

Published 1940 - 1951

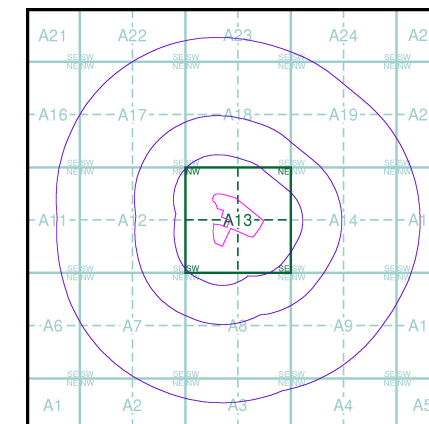
Source map scale - 1:10,560

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)

062SE	1951	1:10,560
074NE	1940	1:10,560

Historical Map - Slice A

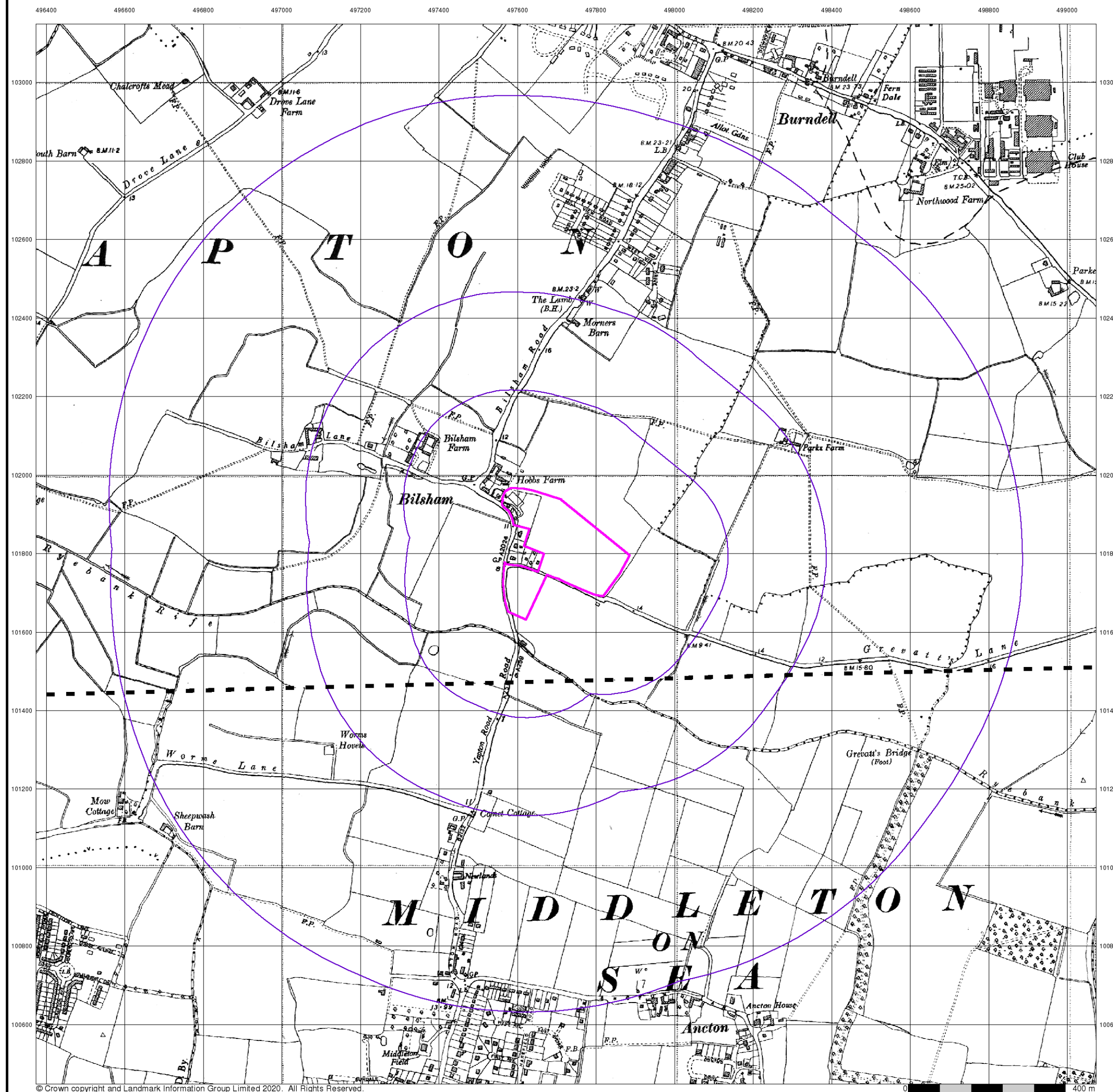


Order Details

Order Number: 245138159_1_1
Customer Ref: 73344
National Grid Reference: 497690, 101800
Slice: A
Site Area (Ha): 5.69
Search Buffer (m): 1000

Site Details

Land at Little Meadow, Bilsham Road, Yapton, Arundel, BN18 0JY



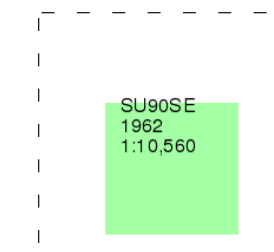
Ordnance Survey Plan

Published 1962

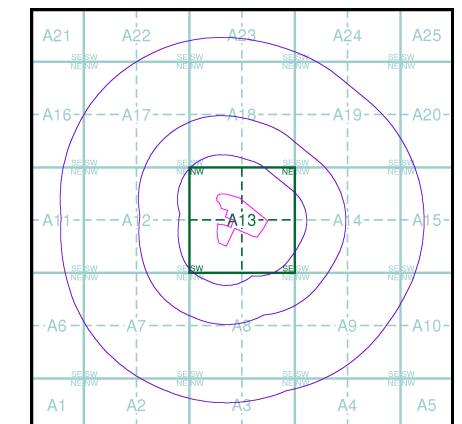
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

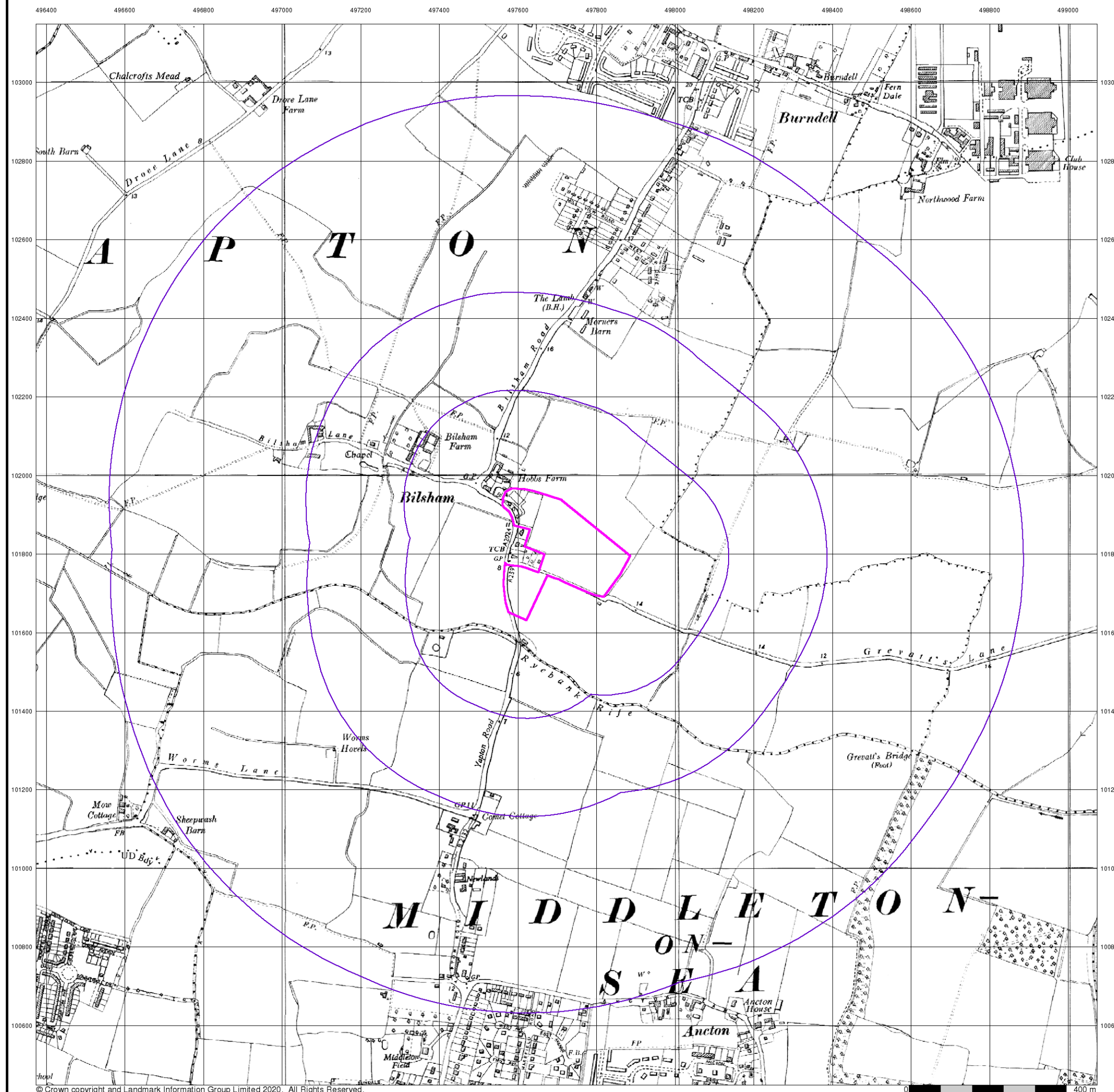


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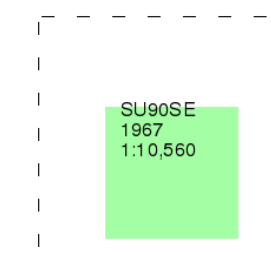
Ordnance Survey Plan

Published 1967

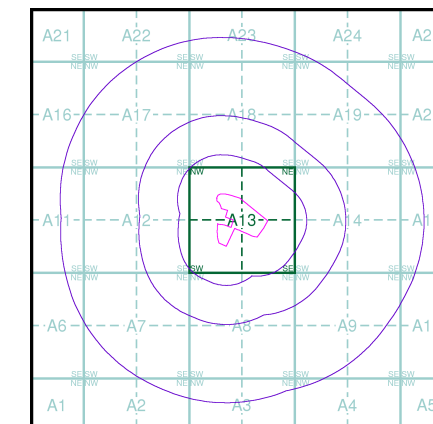
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

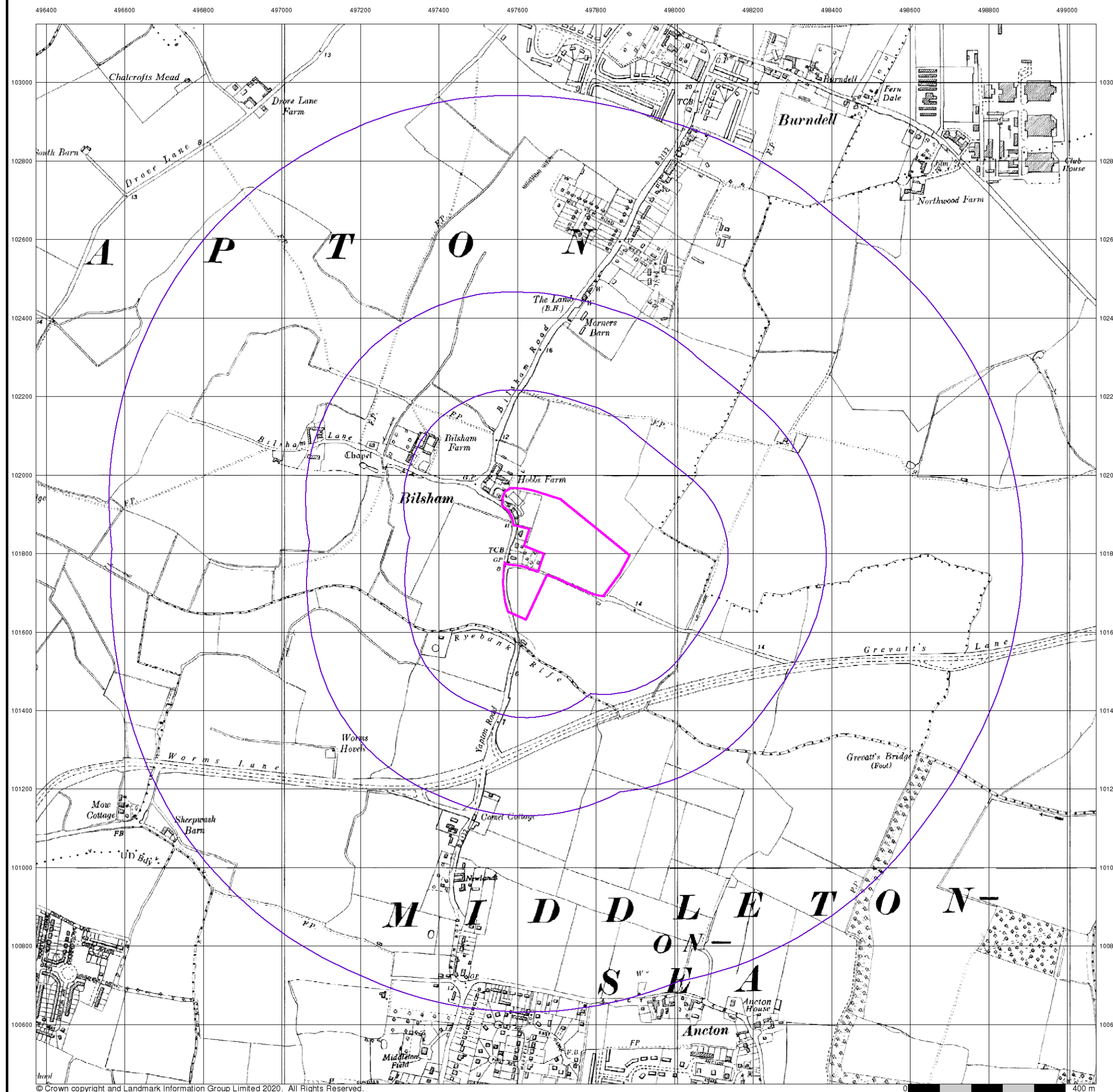


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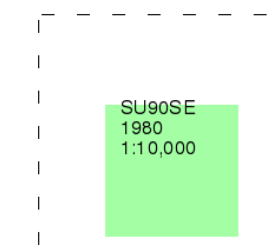
Ordnance Survey Plan

Published 1980

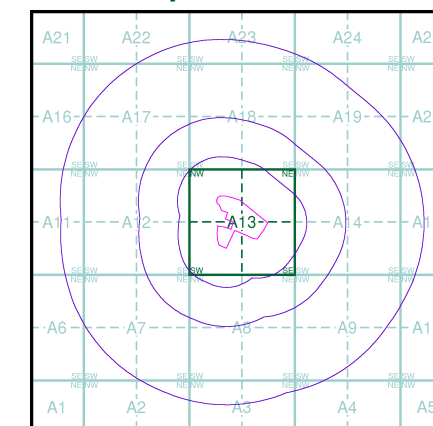
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

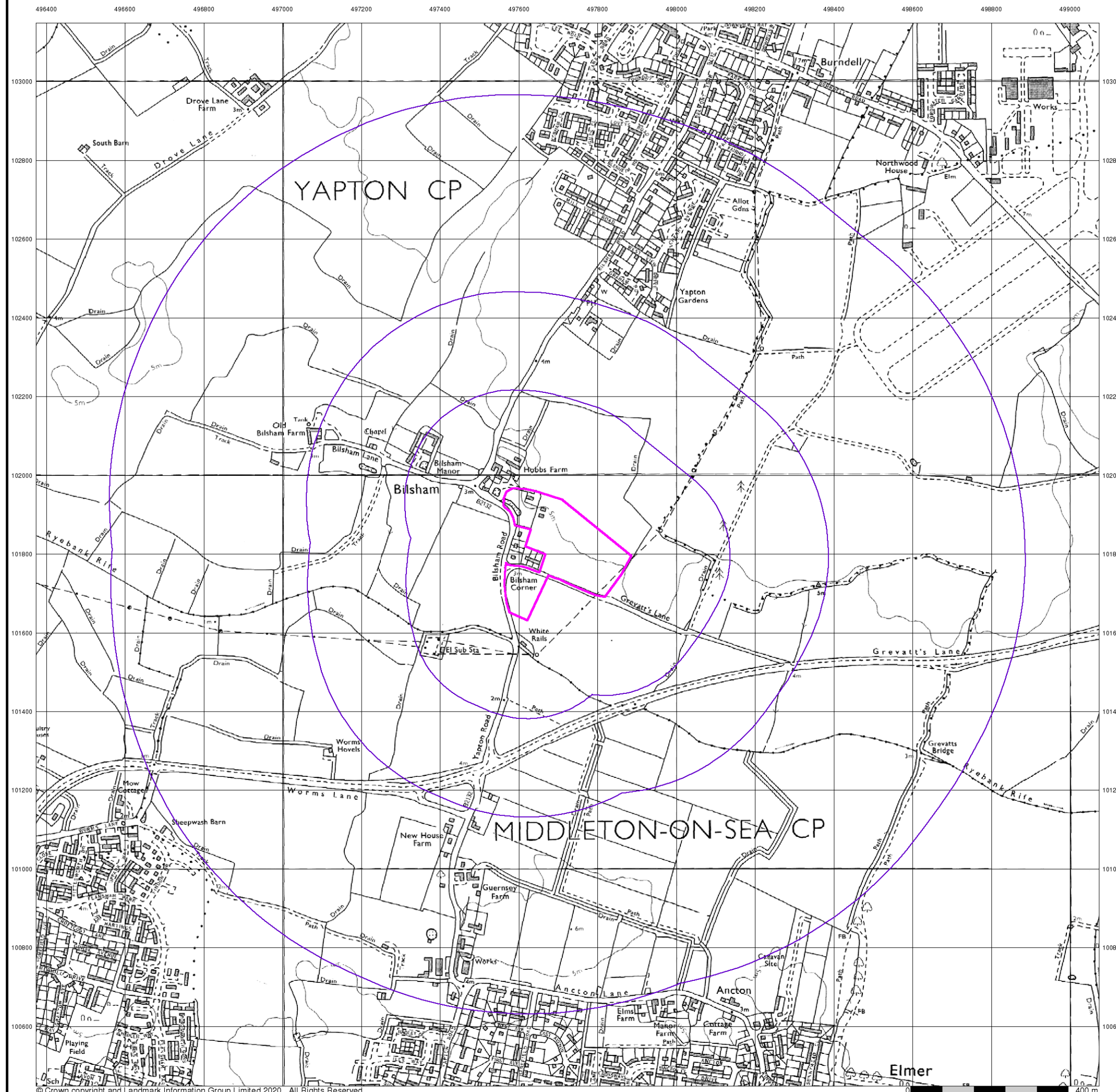


Order Details

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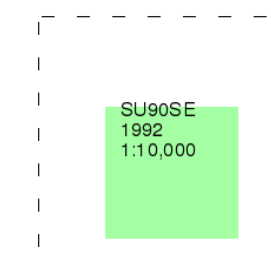
Ordnance Survey Plan

Published 1992

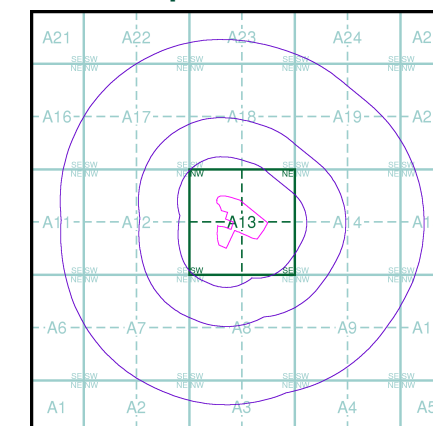
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

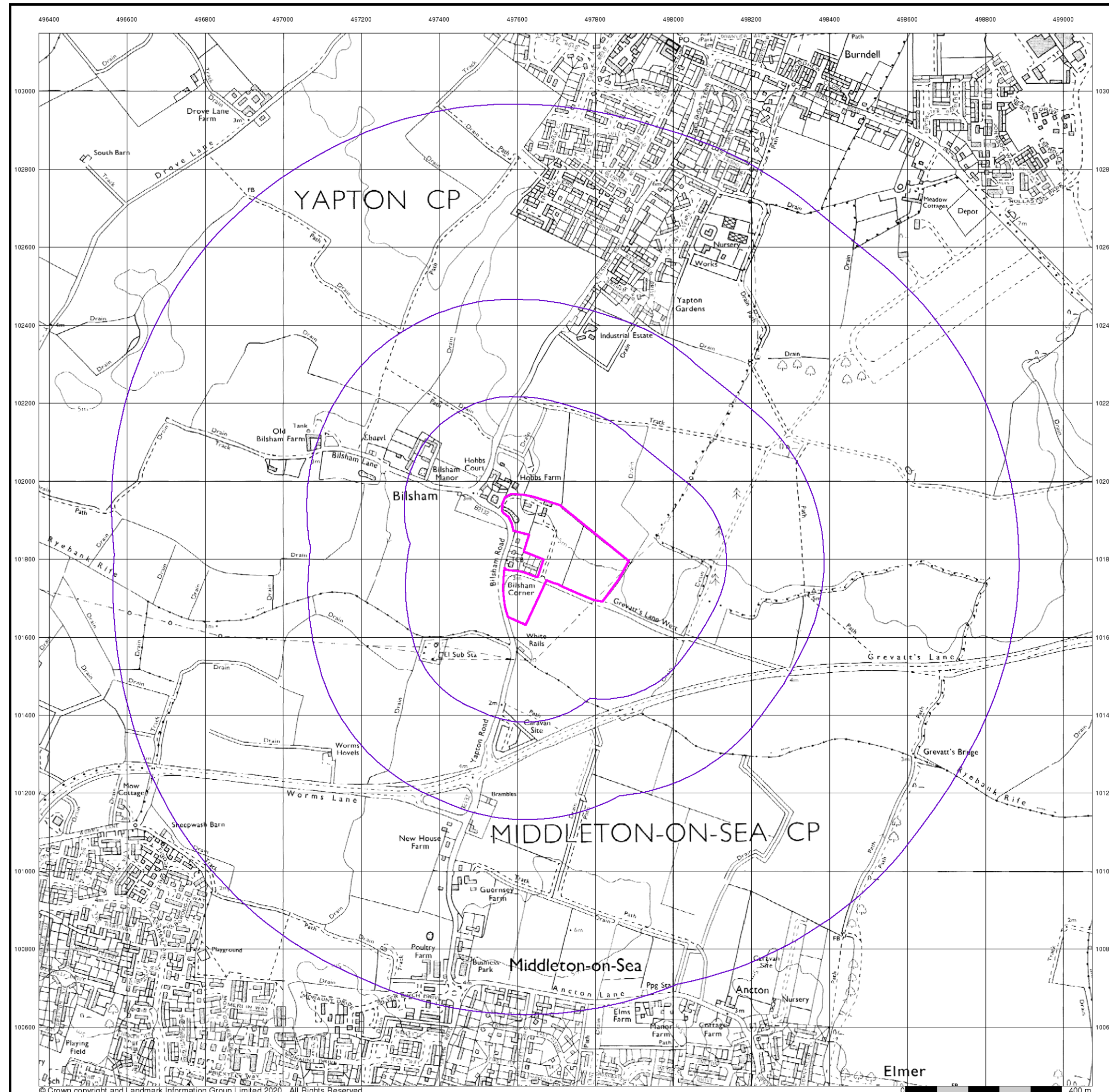


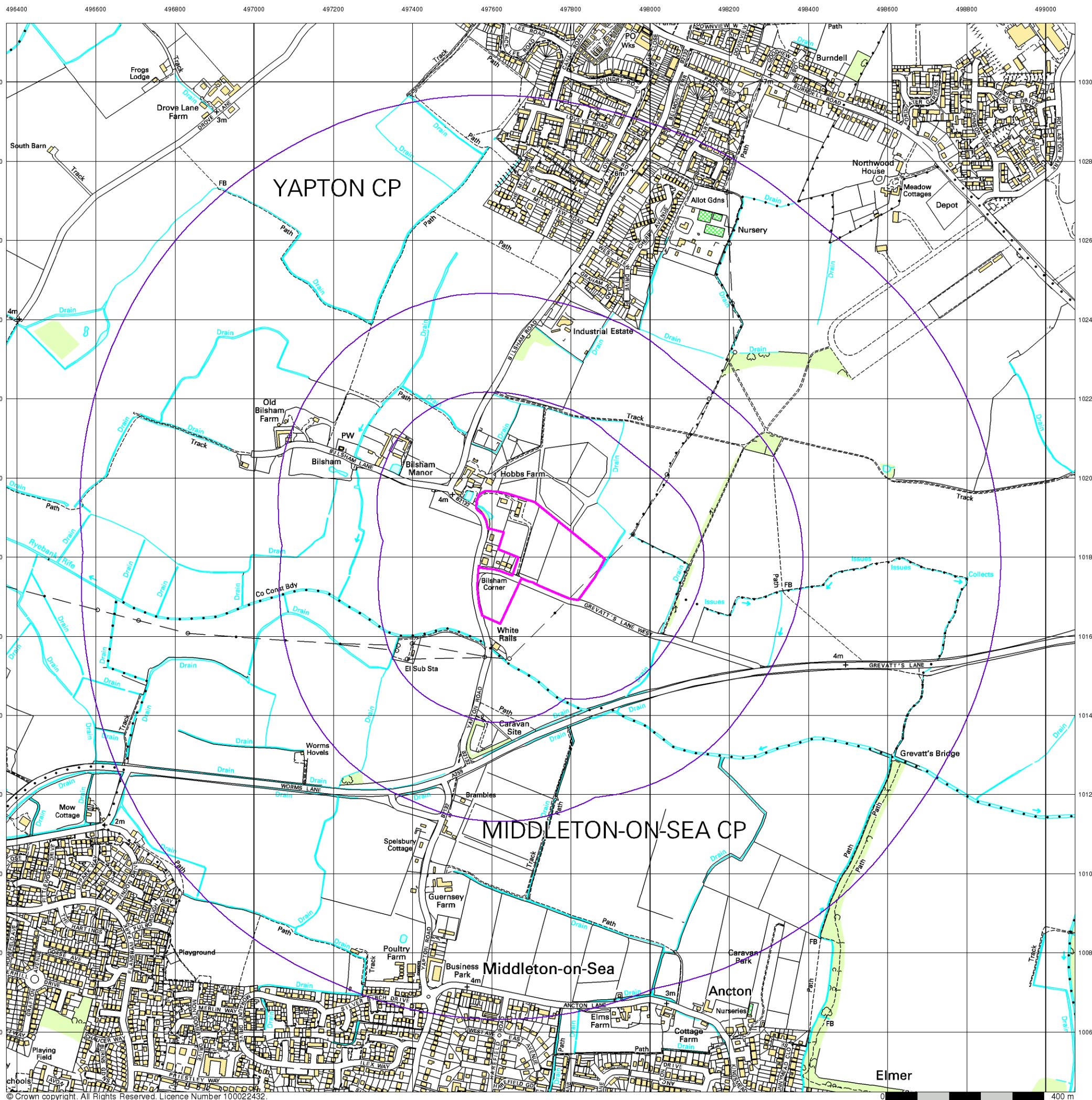
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Site Area (Ha): 5.69
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Site Details

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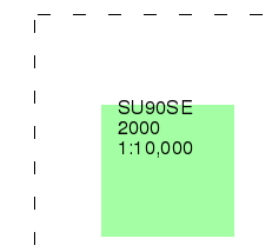
10k Raster Mapping

Published 2000

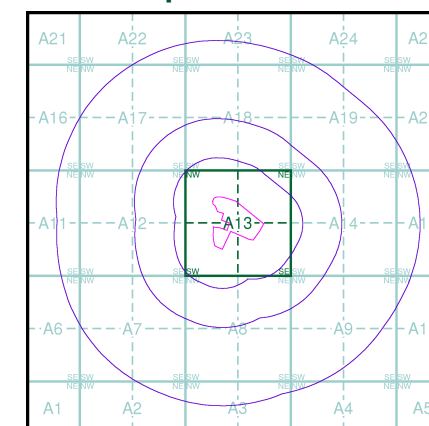
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

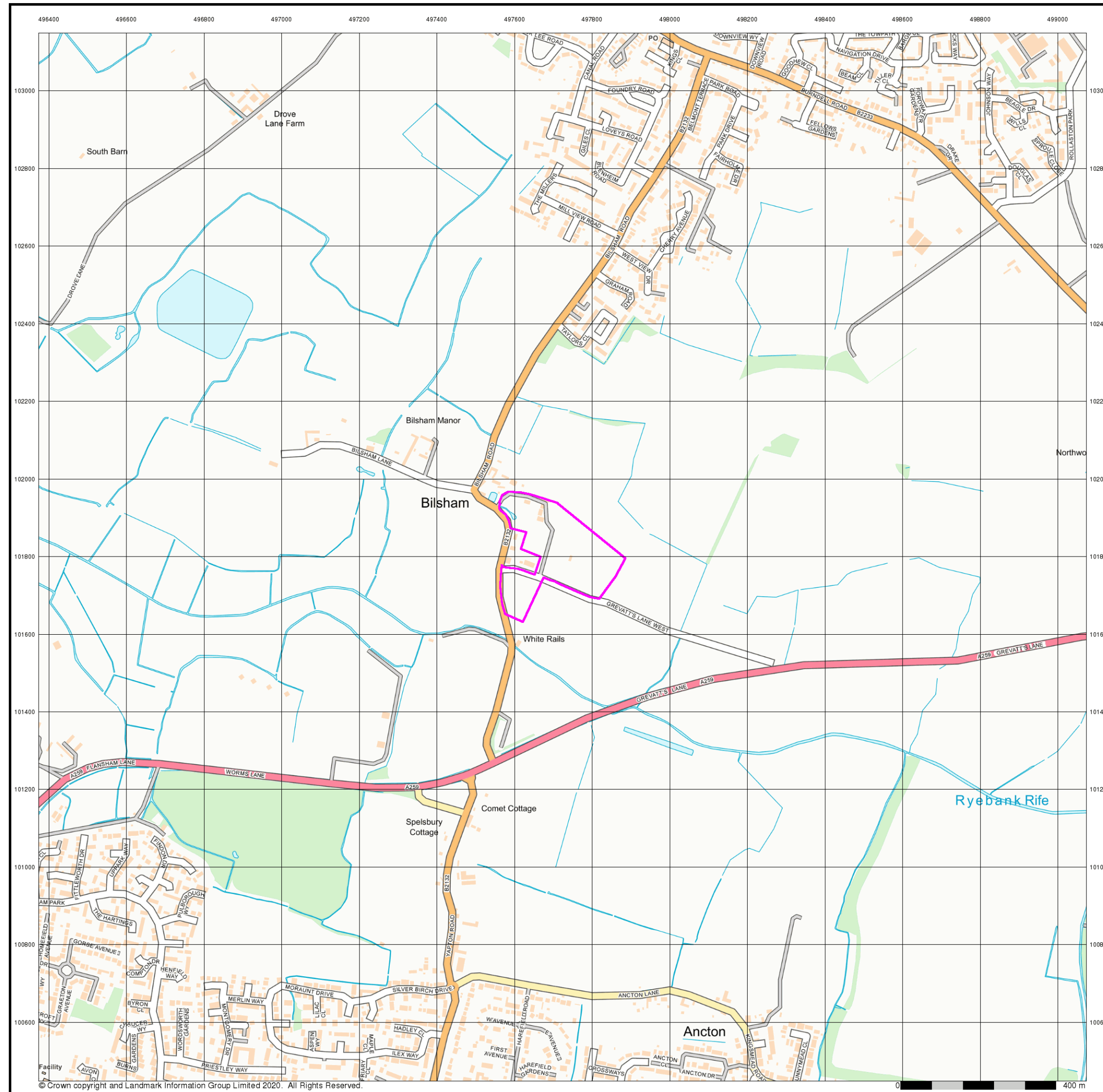
Order Number: 245138159_1_1
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Site Details

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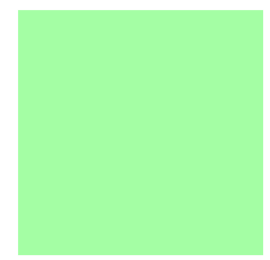
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



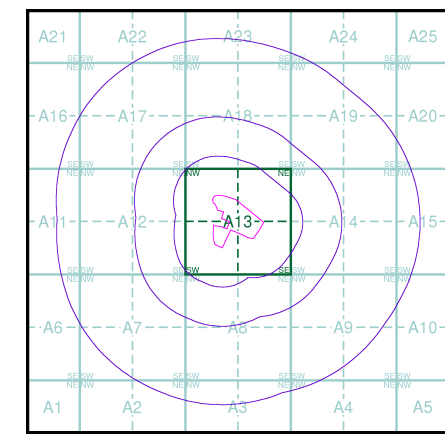
Street View
Published 2020
Source map scale - 1:10,000

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:	245138159_1_1
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Slice:	A
Site Area (Ha):	5.69
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Site Details
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