



Preliminary Investigation Report

at

Kingscroft Farm, Ranelagh Road, Havant, Hampshire PO9 1FJ

for

Foreman Homes Ltd.

Brockhampton Holdings Ltd.

Portsmouth Water Ltd.

Brockhampton Property Investments Ltd.

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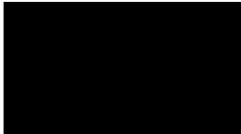
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This is not a valid document for use in the design of the project unless it is titled Final in the document status box.

Current regulations and good practice were used in the preparation of this report. The recommendations given in this report must be reviewed by an appropriately qualified person at the time of preparation of the scheme design to ensure that any recommendations given remain valid in light of changes in regulation and practice, or additional information obtained regarding the site.

Commission

Forman Homes Ltd, Brockhampton Holdings Ltd., Portsmouth Water Ltd. and Brockhampton Property Investments Ltd. commissioned Soils Limited to undertake a Preliminary Investigation on Kingscroft Farm, Ranelagh Road, Havant, Hampshire PO9 1FJ. The scope of the investigation was outlined in the Soils Limited quotation reference Q21687/rev102, dated 20th September 2019. This document has been updated at the request of the Clients so as to relate to an updated Illustrative Site Plan provided in June 2022 prior to planning submission and supersedes any previous versions of this report.

Caveat

Whilst reasonable skill and care has been taken to determine the site history and the environmental setting within the time constraints applied by the project, it should be appreciated that uncertainties may occur owing to the natural variability of soil material within a defined area or as a result of unknowns that are associated with contaminated land assessment in general. The site conditions may be different from that indicated by this Preliminary Investigation, particularly on a site with a history of past development. No responsibility can be accepted should such conditions alter the recommendations made in this report.

This Preliminary Investigation does not include a detailed UXO risk assessment, it does however contain a basic assessment in accordance with CIRIA C681. In preparing a Preliminary Investigation reference is made to historical maps and web-based sources to assess the risk of the site potentially having been impacted by bombing during the World Wars. The data readily available is not necessarily definitive. Certain areas were bombed heavily such as centres of industrial manufacture, airfields, shipyards, docklands, railways sidings and junctions. The assessment is based on the likely area risk, bomb patterns (i.e. lines of recorded bomb impacts with gaps where an impact would be anticipated) and the age of structures on and in close proximity to the site.

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Section I Introduction

1.1 Objective

The Preliminary Investigation Report was undertaken to advise the client on the risk pertaining to the site, with special reference to historic and current potential contaminative activities and processes. This also included the assessment of their impact on current and future sensitive receptors such as human health, controlled waters, ecological features, building structures and services. This document has been updated at the request of the Clients so as to relate to an updated Illustrative Site Plan provided in June 2022 prior to planning submission and supersedes any previous versions of this report.

1.2 Site Location

The site was located at Kingscroft Farm, Ranelagh Road, Havant, Hampshire PO9 1FJ and had an O.S Land Ranger Grid Reference of SU 707 061.

The site location map is presented in Figure 1 and the full Site Walkover is discussed in Section 2.1 of this report.

1.3 Proposed Development

At the time of this update, the proposal comprised the construction of several residential units with garages and carports. The proposed development would include hard landscaping such as access roads, driveways and pavements and soft landscaping such as public open space and private gardens.

In compiling this report reliance was placed on the Illustrative Site Plan (drawing number 18.099.02, dated April 2022 prepared by HGP Architects. Any change or deviation from the scheme outlined in the drawing could invalidate the foundation design and remediation recommendations presented within this report. Soils Limited must be notified about any such changes.

The proposed development plans have been provided in Appendix A.

1.4 Legislation and Liability

The primary legislative mechanism for contaminated land management in the UK is Part 2A of the Environmental Protection Act, 1990 (EPA). Part 2A was introduced into the EPA under Section 57 of the Environment Act 1995 to help deal with the substantial legacy of land contamination. The legislation provides powers in relation to the identification, remediation and apportionment of liability for contaminated land. Part 2A applies where there is unacceptable risk, assessed on the basis of the current use and the relevant circumstances of the land. It is not directed to assessing risks in relation to a future use of the land that would require a specific grant of planning permission.

Under Part IIA of the Environment Act 1995, Local Authorities are required to identify contaminated land and serve on every person who is an appropriate person a remediation notice setting out what is to be done by way of remediation and the period within which it must be done.

If the person who caused, or knowingly permitted, the contaminating substance cannot be found, the owner and/or, occupier for the time being, of the property can be the appropriate person.

Under the legislation, Contaminated Land is defined as: -

“Land which is in such a condition by reason of substances in, on or under the land that significant harm is being caused or that there is a significant possibility of such harm being caused or that pollution of controlled waters is being, or is likely to be caused.”

Where the Act defines harm as:

“harm to the health of living organisms or other interference with the ecological systems of which they form a part and, in the case of man, includes harm to his property.”

and pollution of controlled waters is defined as: -

“the entry into controlled waters of any poisonous, noxious or polluting matter or any solid waste matter.”

In addition, The Radioactive Contaminated Land (Modification of Enactments) (England) Regulations 2006 introduced the supplementary definition of harm to include: lasting exposure to any person resulting from the after-effects of a radiological emergency, past practice or past work activity.

With regard to contaminated waters, the Environment Act 1995 amends the Water Resources Act 1991 and provides the Environment Agency with the power to force clean-up of historical contamination by issuing a Works Notice, with remediation paid for by the responsible parties.

The Groundwater Regulations (1998) stated that entry of List 1 substances into groundwater must be prevented, and List II substances must be controlled.

1.5 Limitations and Disclaimers

This Preliminary Investigation Report relates to the site located at Kingscroft Farm, Ranelagh Road, Havant, Hampshire PO9 1FJ and was prepared for the sole benefit Forman Homes Ltd, Brockhampton Holdings Ltd., Portsmouth Water Ltd. and Brockhampton Property Investments Ltd. (The “Client”) for the brief described in the Commission of this report.

Soils Limited disclaims any responsibility to the Client and others in respect of any matters outside the scope of the above.

This report has been prepared by Soils Limited, with all reasonable skill, care and diligence within the terms of the contract with the Client, incorporation of our General Conditions of Contract of Business and taking into account the resources devoted to us by agreement with the Client.

The report is personal and confidential to the Client and Soils Limited accept no responsibility of whatever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report wholly at its own risk.

The Client may not assign the benefit of the report or any part to any third party without the written consent of Soils Limited.

The ground is a product of continuing natural and artificial processes. As a result, the ground will exhibit a variety of characteristics that vary from place to place across a site, and also with time. Whilst a ground investigation will mitigate to a greater or lesser degree against the resulting risk from variation, the risks cannot be eliminated.

The investigation, interpretations, and recommendations given in this report were prepared for the sole benefit of the client in accordance with their brief. As such these do not necessarily address all aspects of ground behaviour at the site.

Current regulations and good practice were used in the preparation of this report. An appropriately qualified person must review the recommendations given in this report at the time of preparation of the scheme design to ensure that any recommendations given remain valid in light of changes in regulation and practice, or additional information obtained regarding the site.

There may be other sources of information not included in those listed that hold data relevant to the Preliminary Investigation Report undertaken at the site that could materially affect the conclusions made in this report.

Ownership of land brings with it onerous legal liabilities in respect of harm to the environment. "Contaminated Land" is defined in Section 57 of the Environment Act 1995.

Where a contaminative use is identified in the Preliminary Investigation Report this does not determine whether contamination has actually occurred, or if it has the degree to which it may have taken place. An intrusive investigation(s) and analysis is required to establish the nature and degree of any contamination present.

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Section 2 Site Conditions

2.1 Site Walkover

A site walkover was undertaken in October 2019, by Soils Limited. During the site walkover observations were made in relation to current activities, evidence of historical activities, sources of potential contamination such as fuel storage tanks, oil drums and chemical storage and evidence of contamination. The walkover also looked for evidence of soil contamination in the form of staining odours and stressed or discoloured vegetation. The notes of the site walkover are presented in Table 2.1 and Table 2.2.

Table 2.1 Site Walkover Record (On-site)

On-site	Use of site	Site currently being used for horse grazing.
	Structures	One small structure used as a barn/storage space against the northern site boundary.
	Site topography	The site had a gentle slope to the south-west, alongside Hermitage stream bounding the site to the north and to the west.
	Site covering	Predominantly grass covered.
	Vegetation	Mature trees and shrubs were noted on all site boundaries.
	Potential Contamination Sources	None noted.
	Odour	Organic animal odour.
	Drainage	Drains were noted within the site area.

Table 2.2 Site Walkover Record (Off-site)

Off-site	Use of Land	The site was adjacent to residential properties to the north-east and a commercial area/business park to the south and south-west. Hermitage stream was bounding the site to the north and to the west and Havant Bypass (A27) was delimiting the site to the south. Fields and residential properties were noted further to the north and a business centre further to the south across A27.
	Area topography	Gently sloping down to the south-west.
	Vegetation	Mature, immature trees, shrubs and hedges within the gardens of the adjoining properties and business park and scattered within neighboring fields.
	Potential Contamination Sources	Unknown large spoil heap in close proximity to the site to the north, across Hermitage stream.

2.2 Site Drainage

Via surface drainage, which were anticipated to be connected to the mains system.

2.3 Site Photographs

The site photographs have been included within Appendix E.

Section 3 Geology, Hydrogeology, Hydrology and Radon

3.1 Anticipated Geology

The 1:50,000 BGS map showed the site to be underlain by the bedrock Lewes Nodular Chalk Formation with overlying superficial River Terrace Deposits to the east and superficial deposits of Alluvium to the west.

3.1.1 Alluvium

Alluvium is the most recent river or estuarine deposit and generally comprises silty clays usually with an appreciable organic content. Lenses of sand and gravel are also commonly found, as are pockets of peat.

The BSI Code of Practice for Foundations, BS8004: 1986, Clause 2.2.2.3.4 Peat and organic soils, includes the caveat that 'all these soils are highly compressible, and even lightly loaded foundations will be subject to considerable settlements over a long period if placed on them. For this reason, these soils are not suitable for carrying the loads for important 'structures'.

3.1.2 River Terrace Deposits

The rivers Test and Itchen have deposited extensive spreads of River Terrace Deposits in the Hampshire area, representative of ancient floodplains. In total, eleven terraces have been recorded. The River Terrace Deposits consist predominantly of gravels made up of sub angular to sub rounded flints with a significant sand component locally with lenses of silt, clay or peat.

The five highest terraces have appreciable clay content. Poorly sorted, clayey and sandy silts and silty clays overlie the 1st, 3rd, 5th and 6th terraces and locally at above terrace gravels.

3.1.3 Lewes Nodular Chalk Formation

Composed of hard to very hard nodular chalks and hardgrounds (which resist scratching by finger-nail) with interbedded soft to medium hard chalks (some grainy) and marls; some griotte chalks. The softer chalks become more abundant towards the top. Nodular chalks are typically lumpy and iron-stained (usually marking sponges). Brash is rough and flaggy or rubbly and tends to be dirty. First regular seams of nodular flint, some large, commence near the base and continue throughout.

Chalk is a weak rock and as such it should be noted that the drilling, excavating and sampling process is detrimental to its fabric and structure. Chalk samples that have been machine sampled will therefore appear to be of a lower descriptive grade, as given in CIRIA C574, than the in-situ chalk. Soil sampling and visual observations from open excavations i.e. trial pits would allow chalk description and classification in accordance with CIRIA 574 including commenting for any aperture and discontinuities in the chalk structure.

Erosional features, such as pipes, swallow holes and solution cavities, usually in-filled with drift deposits, are occasionally found in the chalk, sometimes manifesting themselves at the surface as shallow circular depressions. Solution features may be reactivated by the concentrated ingress of water from leaking drains or soakaways. Reactivation may lead to surface collapse.

3.2 Hydrogeology

To assess the vulnerability of groundwater to contamination, consideration must be given to the leaching characteristics of the overlying soils and the characteristics of the strata in the unsaturated zone. Information on the geological strata such as lithological type and permeability characteristics has been combined with the physical properties of the soil to produce varying degrees of vulnerability.

Table 3.1 presents the hydrogeological data that is relevant to the site.

Table 3.1 Hydrogeological Assessment

Hydrogeological Data		Comment
On-site Aquifers	Superficial	Secondary A Aquifer ¹ (associated with the superficial River Terrace Deposits and Alluvium)
	Bedrock	Principal Aquifer ² (associated with the Lewes Nodular Chalk Formation bedrock)
Groundwater Vulnerability		High Vulnerability, Secondary Superficial Aquifer ¹ (associated with the superficial River Terrace Deposits and Alluvium) ³
Source Protection Zones (SPZ)		Inner zone (Zone I) ⁴ – On-site/N (associated with the Lewes Nodular Chalk Formation bedrock)
Abstraction	Potable	40m/NW, 114m/N
	Non-potable	None
Sensitive Land Uses		Nitrate Vulnerable Zones – On-site/S
Surface Water Features		On-site/NE ⁴
Flood Risk from Rivers or Seas		Extreme Flooding from Rivers or Seas without Defenses – Western site area Flooding from Rivers or Seas without Defenses – Western site area
Flood Risk from Surface Water		Low to Medium Risk of Flooding from Surface Water – On-site/W, SW, N, NE
Flood Risk from Groundwater		Potential for Groundwater Flooding of Property Situated Below Ground Level – On-site/S Potential for Groundwater Flooding to Occur at Surface - On-site/S

Notes: ¹Secondary A are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. ²Principal Aquifers - These are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale. In most cases, principal aquifers are aquifers previously designated as major aquifer. ⁴Inner zone (Zone I): Travel time of 50 days or less to the groundwater source. This zone has a minimum radius of 50 metres. ⁴Hermitage stream

Any works or development which has the potential to have an impact on surface water, aquifer or groundwater quality must be approved by the Environment Agency prior to implementation.

3.3 Hydrology

The approximate elevation of the site was ~5m Above Ordnance Datum (AOD). The anticipated groundwater flow direction is given in Table 3.2.

Table 3.2 Hydrological Assessment

Type	Direction	Notes
Surface water	-	Due to the permeable superficial River Terrace Deposits and Alluvium and the permeable bedrock of Lewes Nodular Chalk Formation no surface water is anticipated.
Groundwater	N	Groundwater is expected to be towards the nearest abstraction well to the north, associated with the source protection zone (Zone I), associated with the Lewes Nodular Chalk Formation bedrock underlying the site.

3.4 Radon Gas

The site was situated within an area where protection or risk assessment against the ingress of radon was required. The site location within an area of 1km grid square were in bands of elevated radon potential. Maximum radon potential was 3-5%.

Radon protection measures are typically only required when the radon potential is 5-10% and therefore it is possible that radon protection measures will not be required as part of the proposed development, however, consultation with the local Building Control department at the Local Authority is recommended as they will be able to advise on whether or not radon protection measures are required in new developments within the site's vicinity. It is not possible in the course of a survey or inspection to determine whether radon gas is present as the gas is colourless and odourless. Tests can only be undertaken to assess the concentration of radon in existing structures.

Section 4 Site History

4.1 Historic Map Study

The object of this study was to report on the evidence of site history and redevelopment of the site and its environs from available County Series and Ordnance Survey Maps dating from the mid to late 19th Century to the present day as downloaded from Landmark Environmental.

The published maps only represent a “snapshot” of the site and its environs at the date of the survey. The detail of the information recorded can vary between epochs, map scale and county areas. It should be noted that changes in land uses, processes or activities may have occurred outside of published epochs and these may not have been recorded on subsequent epochs. Also note that as methods of projection, production and recording have changed over time, this can result in geo-reference errors that may indicate the established site boundary is off-centre from its true location on older historical maps. Where this is potentially significant it will be noted.

Any distances quoted for features remote from the site have been scaled from the maps and are only approximate. Where dates have been noted in brackets, these are the actual dates applicable to the map editions and may not reflect the date of the original survey it is based on. The information reported might not represent all pertinent information that could be obtained. The interpretation of the maps and/or other data commented on in this report is subjective.

As part of the review of the historical plans, only features considered to have or to have had a potential contaminative impact on the site and usually within a notional 250m radius are discussed. The north point and approximate extent of the site are indicated on each figure. The historic maps referred to are appended to this report (Appendix B).

Table 4.1 Historic Development of the Site

Site History	Date Range	
	From	To
The site was an open plot of land comprising fields and bounded by the Hermitage stream to the north and to the west. Paths were noted crossing the western and eastern site area.	1868 ¹	Present ²

Notes: ¹Earliest available historic map. ² As is on the most recent available map or aerial photograph.

Table 4.2 Historic Off-site Development

Off-site Development	Date Range	
	From	To
The area surrounding the site was shown to comprise mainly open fields to the south, to the west and to the east. Hermitage Spring was bounding the site to the north and to the north-west. Several mills and lodges were located to the north and north-west of the site across Hermitage stream. A pond was recorded in close proximity to the	1868 ¹	1898

Off-site Development	Date Range	
	From	To
site to the west and South Coast railway lines to the north-east with a south-western direction. Several springs/issues/drains were noted in all directions. A pond was recorded ~250m to the north of the site.		
Water works recorded ~100m north of the site and "Hart's Farm" was erected ~250m to the south. Brockhampton nurseries recorded ~130m to the east of the site. Residential properties were noted ~150m to the north-east.	1898	1932
Sewage works recorded ~120m south-west of the site. Further residential development noted to the north-east.	1932	1962
The pond located ~250m to the west was shown as being infilled. Brockhampton nurseries were no longer shown on the map.	1962	1966
'A27' was recorded delimiting the site to the south. Works recorded ~250m to the south-east.	1966	1972
Sewage works to the south-west stopped operating and tanks were recorded in the area. Further residential development noted to the north-east and commercial development with depots to the south and to the east of the site. "Hart's farm" was shown as being replaced with "Hat's Farm" depot.	1972	1990
Brockhampton industrial estate recorded adjacent to site to the south and to the east and across A27 to the south. Extensive residential development was noted to the adjacent north-east of the site and further to the north.	1990	Present ²

Notes: ¹Earliest available historic map. ² As is on the most recent available map or aerial photograph.

Table 4.3 Potential Sources of Pollution Indicated from Historic Maps

Source	Direction	Distance (m)	Date Range	
			From	To
Railway lines	N, NE	80, 200	1868 ¹	2019 ³
Water works	N	100	1966	2006
Sewage works	SW	120	1932	1972
Tanks (In place of former sewage works)	SW	120	1972	2019 ³
Brockhampton nurseries	E	120	1898	1962
Works	SE	250	1966	2006
Hart's Farm	S	250	1898	1972
Hart's Farm Depot	S	250	1972	2019 ³
Potentially Infilled Pond	N	250	1868	1962

Notes: ¹Earliest available historic map. ² Not any available historic maps from 1870 to 1898, from 1909 to 1932, from 1972 to 1990 and from 1992 to 2000 ³As is on the most recent available map or aerial photograph.

4.2 Bomb Damage and the Potential for Unexploded Ordnance (UXO)

In accordance with guidance presented in C681 'Unexploded Ordnance (UXO) A guide for the Construction Industry' a review has been undertaken of the historic maps and the UXO Zetica (unexploded bomb) maps which has indicated that the site has been/or in an area that is likely to have been subject to bombing, shelling or has had a military use.

Based on the assessment of the historical maps, and the UXO Zetica (unexploded bomb) maps it is recommended that a specialist UXO risk assessment is undertaken to determine the risk to the proposed development.

Section 5 Environmental Records and Consultation

5.1 Dataset Information

The Landmark Envirocheck Report was obtained by Soils Limited and includes site specific information. The extent of the search has initially been limited to a radius of 250m as it is considered that sources of contamination beyond 250m are unlikely to impact on the site. This search radius may, however, be increased if a significant source of contamination or sensitive receptor is identified within 1000m of the site. A copy of the report is appended to this report in Appendix C summarised in Table 5.1, Table 5.2 and Table 5.3.

Table 5.1 Environmental Significance of Data

Source	Direction	Distance (m)
Contaminated Land Register Entries and Notices	None	None
Discharge Consents	S, S, W, E	49, 64, 36, 57
	SE, S, S, N	58, 71, 72, 86
	E, S, SW	125, 143, 188
	E, S, S	198, 231, 233
	NE, S, E	247, 249, 249
Integrated Pollution Prevention and Control	NE, SW	On-site, 89
	N, NE	119, 194
Local Authority Pollution Prevention and Controls	S ¹ , SE ² , S ³ , S ⁴	181, 196, 211, 213
Local Authority Pollution Prevention and Control Enforcements	None	None
Nearest Surface Water Feature	NE ⁵	On-site
Pollution Incidents to Controlled Waters (Significant Incidents only)	SW ⁶	On-site
Prosecutions Relating to Authorized Processes	E ⁷	33
Registered Radioactive Substances	None	None
Substantiated Pollution Incident Register	N ⁸	205
Nearest Potable Abstraction Point	NW, N	40, 114
Nearest Non-Potable Abstraction Point	None	None
Water Industry Act Referrals	None	None
Source Protection Zones (associated with LCPK bedrock)	N ⁹	On-site
Extreme Flooding from Rivers or Sea Without Defences	N, NE	On-site
Flooding from Rivers or Sea Without Defences	N, NE	On-site
Areas Benefiting from Flood Defences	None	None
Flood Water Storage Areas	None	None
Flood Defences	None	None
BGS Recorded Landfill Sites	None	None
Historical Landfill Sites	SW ¹⁰	177
Licensed Waste Management Facilities	N, N, NE, S	6, 11, 88, 105
	S, N, S	114, 119, 163
Local Authority Recorded Landfill Sites	SW	106
Potentially Infilled Land (Non-Water)	None	None
Potentially Infilled Land (Water)	SW, SW, SE ¹¹	62, 77, 151
Registered Landfill Sites	N ¹²	94
Registered Waste Transfer Sites	S ¹³	103
Registered Waste Treatment or Disposal Sites	S ¹⁴	196
Control of Major Accident Hazards Sites (COMAH)	None	None

Source	Direction	Distance (m)
Notification of Installations Handling Hazardous Substances	None	None
Planning Hazardous Substance Consents	None	None

Notes: ¹ Hopkins Recycling Ltd - Dated: 2012 & L&S Waste Management Lt – Dated: 2010 ² Pioneer Concrete (UK) Ltd – Dated: 1993 & Hanson Premix – Dated: 1993 ³ Conroys Recycling Ltd – Dated: 2012 ⁴ Conroys Recycling Ltd – Dated: 2014 ⁵ Hermitage Stream ⁶ Oil On Stream; Demolition – Dated: 1992, Category 2 – Significant Incident ⁷ ENDS Report 296 (September 1999), Breaching the packaging regulations by failing to register, to take "reasonable steps" to recover its obligated tonnages of packaging waste and to provide a certificate of compliance. – Dated: 1999 ⁸ Pollutant: Inert Materials And Wastes: Soils And Clay – Dated: 2012 ⁹ Inner zone (Zone I): Travel time of 50 days or less to the groundwater source. This zone has a minimum radius of 50 metres.

¹⁰ Deposited Waste included Household Waste ¹¹ Unknown Filled Ground (Pond, marsh, river, stream, dock etc.) ¹² No known restriction on source of waste – Dated: 1991 ¹³ No known restriction on source of waste – Dated: 1993 ¹⁴ No known restriction on source of waste – Dated: 1977

Table 5.2 Contemporary Trade Directory

Contemporary Trade Directory within 250m	Direction	Distance (m)	Status
Tyre Dealers	E	12	Active
Garage Services	E	12	Active
Car Dealers - Used	E	12	Inactive
Sound Equipment Systems Manufacturers	SE	27	Inactive
Marine Equipment & Supplies	E	40	Inactive
Marine Engineers	E	73	Inactive
Photocopiers	E	61	Inactive
Machinery - Industrial & Commercial	E	74	Inactive
Printers	E	75	Inactive
Precision Engineers	E	84	Inactive
Engineers - General	E	85	Active
Plastic Products - Manufacturers	E	119	Inactive
Precision Engineers	E	120	Active
Office Furniture & Equipment	E	126	Inactive
Pallets, Crates & Packing Cases	NE	155	Inactive
Commercial Cleaning Services	SW	179	Inactive
Freight Forwarders	SW	179	Inactive
Crane Hire, Sales & Service	S	180	Inactive
Air Conditioning & Refrigeration Contractor	SW	181	Inactive
Metal Finishing Services	SE	183	Inactive
Mot Testing Centres	E	188	Active
Lifting Equipment	S	199	Inactive
Recycling Services	S	202	Inactive
Builders' Merchants	NE	198	Inactive
Bus & Coach Operators & Stations	NE	203	Inactive
Telecommunications Equipment & Systems	S	210	Active
Mot Testing Centres	SE	214	Inactive
Sheet Metal Work	SE	214	Inactive
Window Frame Manufacturers	S	222	Inactive
Disability Equipment - Manufacturers & Suppliers	S	222	Inactive
Builders' Merchants	E	226	Inactive
Generators - Sales & Service	SE	226	Active
Pharmaceutical Manufacturers & Distributors	S	228	Inactive
Plant & Machinery Repairs	E	228	Inactive

Contemporary Trade Directory within 250m	Direction	Distance (m)	Status
Metal Finishing Services	SE	229	Inactive
Window Frame Manufacturers	S	230	Inactive
Electronic Equipment - Manufacturers & Assemblers	S	230	Active
Heat Exchangers	S	230	Inactive
Air Conditioning & Refrigeration Contractors	S	230	Inactive
Metal Finishing Services	SE	247	Active
Boatbuilders & Repairers	SE	247	Inactive
Car Dealers	NE	248	Active

Table 5.3 Geological Hazards

Source	Nearest Distance from Site/Type
Coal Mining Affected Areas	In an area that might not be affected by coal mining.
Mining Instability	Data not available.
Natural and Mining Cavities	None identified.
Potential for Collapsible Ground Stability Hazards	On-site/Low
Potential for Compressible Ground Stability Hazards	On-site/Moderate
Potential for Ground Dissolution Stability Hazards	On-site/Moderate
Potential for Landslide Ground Stability Hazards	On-site/Very Low
Potential for Running Sand Ground Stability Hazards	On-site/Low
Potential for Shrinking or Swelling Ground Stability Hazards	On-site/Low

5.2 Site Sensitivity Maps

No other significant potential sources of contamination were shown on the Landmark Envirocheck Site Sensitivity Maps, which have not been listed in Table 5.1, Table 5.2 and Table 5.3, and copies of which are appended to this report (Appendix C).

5.3 Regulatory Enquires

As part of the Preliminary Investigation Report the Local Planning Authority was contacted and asked to provide any information on potential risks pertaining the site. At the time of reporting, this data was not available.

5.4 Soil Geochemistry

The BGS soil chemistry for environmental assessments dataset coverage, has been developed from BGS G-BASE and Imperial College Wolfson Atlas data. It contains estimated ambient As, Cd, Cr, Ni and Pb background concentrations for rural topsoils across Great Britain. It also contains the locations and measured concentrations (mg kg⁻¹) of As, Cd, Cr, Cu, Ni, Pb, Sn and Zn in urban topsoil samples, collected from geochemical surveys in 23 major urban centres.

The results of this survey are contoured on the Landmark Environmental check report (Appendix C). The results of the local soil chemistry are presented in Table 5.4.

Table 5.4 Soil Geochemistry

Determinant	Indicated Soil Geochemistry (mg kg⁻¹)
Arsenic	<15
Cadmium	<1.8
Chromium	60 - 90
Lead	<100
Nickel	15 - 30

Section 6 Data Collection Summary

6.1 General

The findings of the data collection are summarised below:

Table 6.1 summaries the site Environs, which include geology, hydrogeology, the risk from radon and potential risk from flooding.

Table 6.1 Site Environs

Environs	Summary
Geology	Superficial River Terrace Deposits to the east of the site and Alluvium deposits to the west of the site overlying the Lewes Nodular Chalk Formation bedrock.
Hydrogeology	Superficial River Terrace Deposits and Alluvium classed as a Secondary A aquifer. The Lewes Nodular Chalk Formation bedrock was a Principal Aquifer. Surface water would infiltrate into the permeable bedrock of Lewes Nodular Chalk Formation.
Source Protection Zones (SPZ)	Inner zone (Zone I) was identified on site associated with the Lewes Nodular Chalk Formation bedrock underlying the site.
Surface Water Flow	Anticipated to be vertically down into the granular superficial deposits.
Groundwater Flow	Groundwater flow is anticipated to be towards the nearest abstraction well to the north, associated with the SPZ present on-site.
Radon	The site was situated within an area where the maximum radon potential was 3-5%. Basic radon protective measures may therefore be necessary in the construction of new dwellings or extensions. The local Building Control officer will be able to advise as to whether or not radon protection measures have previously been included in new developments within the site's vicinity.
Flooding	The site did not benefit from flood defences and had a potential risk from groundwater flooding of property situated below ground level and a potential risk from groundwater flooding to occur at surface. There was a low to medium risk of flooding from surface water and a potential of extreme flooding from rivers or seas without defences and of flooding from rivers or seas without defences.
Geological Hazard	There was a moderate potential risk of compressible ground and ground dissolution stability hazards. There was a low potential risk of collapsible, running sand and shrinking or swelling ground stability hazards and a very low potential risk for landslide ground stability hazards.
Local Authority Response (LPA)	As part of the Preliminary Investigation Report the LPA was contacted and asked to provide any information on potential risks pertaining the site. At the time of reporting, this data was not available.
Soil Chemistry	No significant risk to identified receptors for contaminants presented based on the proposed end use was present on site.

Table 6.2 provides a summary of potential on-site and off-site contamination sources identified during the study of the historic maps, the Landmark Envirocheck Dataset Report and the Site Walkover.

Table 6.2 Summary of Potential Contamination Sources

Contaminative Sources/Environmental Impact	Direction ¹	Distance (m)	Date Range		Data Source
			From	To	
On-Site					
Integrated Pollution Prevention and Control	NE	On-site	2018	- ³	DS
Pollution Incidents to Controlled Waters (Significant Incidents only)	SW	On-site	1992	- ³	DS
Off-Site					
Unknown large spoil heap	N	30	- ³	2019 ²	GE
Railway lines	N, NE	80, 200	1868 ¹	2019 ²	HM
Water works	N	100	1966	2006	HM
Sewage works	SW	120	1932	1972	HM
Tanks (In place of former sewage works)	SW	120	1972	2019	HM
Brockhampton nurseries	E	120	1898	1962	HM
Works	SE	250	1966	2006	HM
Hart's Farm	S	250	1898	1972	HM
Hart's Farm Depot	S	250	1972	2019	HM
Potentially Infilled Pond	N	250	1868	1962	HM
Discharge Consents	S	49	1985	- ³	DS
	S	64	1985	- ³	DS
	W	36	1987	- ³	DS
	E	57	2000	- ³	DS
	SE	58	1986	- ³	DS
	S	71	1985	- ³	DS
	S	72	1985	- ³	DS
	N	86	1991	1993	DS
	E	125	1986	- ³	DS
	S	143	1993	1998	DS
	SW	188	1997	2018	DS
	E	198	1989	1997	DS
	S	231	2000	2018	DS
	S	233	1957	1991	DS
	NE	247	1983	- ³	DS
	S	249	1978	1997	DS
	E	249	1989	1997	DS
Integrated Pollution Prevention and Control	SW	89	2019	2019	DS
	N	119	2005	- ³	DS
	NE	194	2005	- ³	DS
Local Authority Pollution Prevention and Controls	S	181	2012	- ³	DS
	S	181	2010	- ³	DS
	SE	196	1993	- ³	DS
	SE	196	1993	- ³	DS
	S	211	2012	- ³	DS
	S	213	2014	- ³	DS
Prosecutions Relating to Authorized Processes	E	33	1999	- ³	DS
Substantiated Pollution Incident Register	N	205	2012	- ³	DS
Historical Landfill Sites	SW	177		- ³	DS
Licensed Waste Management Facilities	N	6	2005	- ³	DS
	N	11	1992	- ³	DS
	NE	88	2007	- ³	DS
	S	105	1993	2001	DS

Contaminative Sources/Environmental Impact	Direction ¹	Distance (m)	Date Range		Data Source
			From	To	
	S	114	2002	2013	DS
	N	119	2005	- ³	DS
	S	163	2012	- ³	DS
Local Authority Recorded Landfill Sites	SW	106		- ³	DS
Potentially Infilled Land (Water)	SW	62	1870	- ³	DS
	SW	77	1963	- ³	DS
	SE	151	1898	- ³	DS
Registered Landfill Sites	N	94	1991	- ³	DS
Registered Waste Transfer Sites	S	103	1993	- ³	DS
Registered Waste Treatment or Disposal Sites	S	196	1977	- ³	DS
Tyre Dealers	E	12	- ³	- ³	DS
Garage Services	E	12	- ³	- ³	DS
Car Dealers - Used	E	12	- ³	- ³	DS
Sound Equipment Systems Manufacturers	SE	27	- ³	- ³	DS
Marine Equipment & Supplies	E	40	- ³	- ³	DS
Marine Engineers	E	73	- ³	- ³	DS
Photocopiers	E	61	- ³	- ³	DS
Machinery - Industrial & Commercial	E	74	- ³	- ³	DS
Printers	E	75	- ³	- ³	DS
Precision Engineers	E	84	- ³	- ³	DS
Engineers - General	E	85	- ³	- ³	DS
Plastic Products - Manufacturers	E	119	- ³	- ³	DS
Precision Engineers	E	120	- ³	- ³	DS
Office Furniture & Equipment	E	126	- ³	- ³	DS
Pallets, Crates & Packing Cases	NE	155	- ³	- ³	DS
Commercial Cleaning Services	SW	179	- ³	- ³	DS
Freight Forwarders	SW	179	- ³	- ³	DS
Crane Hire, Sales & Service	S	180	- ³	- ³	DS
Air Conditioning & Refrigeration Contractor	SW	181	- ³	- ³	DS
Metal Finishing Services	SE	183	- ³	- ³	DS
Mot Testing Centres	E	188	- ³	- ³	DS
Lifting Equipment	S	199	- ³	- ³	DS
Recycling Services	S	202	- ³	- ³	DS
Builders' Merchants	NE	198	- ³	- ³	DS
Bus & Coach Operators & Stations	NE	203	- ³	- ³	DS
Telecommunications Equipment & Systems	S	210	- ³	- ³	DS
Mot Testing Centres	SE	214	- ³	- ³	DS
Sheet Metal Work	SE	214	- ³	- ³	DS
Window Frame Manufacturers	S	222	- ³	- ³	DS
Disability Equipment - Manufacturers & Suppliers	S	222	- ³	- ³	DS
Builders' Merchants	E	226	- ³	- ³	DS
Generators - Sales & Service	SE	226	- ³	- ³	DS
Pharmaceutical Manufacturers & Distributors	S	228	- ³	- ³	DS
Plant & Machinery Repairs	E	228	- ³	- ³	DS
Metal Finishing Services	SE	229	- ³	- ³	DS
Window Frame Manufacturers	S	230	- ³	- ³	DS
Electronic Equipment - Manufacturers & Assemblers	S	230	- ³	- ³	DS
Heat Exchangers	S	230	- ³	- ³	DS
Air Conditioning & Refrigeration Contractors	S	230	- ³	- ³	DS

Contaminative Sources/Environmental Impact	Direction ¹	Distance (m)	Date Range		Data Source
			From	To	
Metal Finishing Services	SE	247	- ³	- ³	DS
Boatbuilders & Repairers	SE	247	- ³	- ³	DS
Car Dealers	NE	248	- ³	- ³	DS

Notes: SW – Site walkover, HM – Historic Maps, DS – Datasheet, GE Google Earth. ¹Earliest available historic map. ² As is on the most recent available map or aerial photograph. ³ Data not available.

Section 7 Preliminary Conceptual Site Model

7.1 General

Environment Agency guidance provided in CLR11 indicates that the Conceptual Site Model should identify those contaminants, pathways and receptors which are 'likely' to represent an 'unacceptable' risk either to human health or the surrounding environment. The following sections present potential contaminants, pathways and receptors based on the information collected during the desktop study. Pathways have been established based on scientific knowledge of the behaviour of the contaminants in the ground.

7.2 Sources and Pathways of Contamination

The Landmark Site Specific Envirocheck Report and Site Walkover have been used to identify potential contaminative sources. These sources have been presented in Table 6.2. An assessment of the likely pathways and the likelihood of each contaminative source that was considered a risk has been presented in Sections 7.2.1 to 7.2.3.

7.2.1 Potential Pathways

A review of the potential pathways on and off the site has been undertaken based on the site, ground conditions, hydrology and scientific knowledge of the behaviour of the contaminants in the ground. The pathways applicable to the site and the proposed development have been marked in Table 7.1.

Table 7.1 Applicable Pathways

Pathway	Present	Comment
Inhalation of dust	✓	Residential gardens within the proposed development. Dust retained by site structures and vegetation.
Inhalation of vapour/gases	✓	Potential sources have been identified.
Ingestion and absorption via direct contact	✓	Contact with soil and made ground. Residential gardens within the proposed development.
Migration via surface runoff		No surface water is expected on site.
Migration in solution via groundwater	✓	Due to the permeable bedrock of Lewes Nodular Chalk Formation and the Groundwater Vulnerability of Principal Aquifer.
Migration of gases via permeable soils	✓	Due to the permeable superficial River Terrace Deposits/Alluvium and the permeable bedrock of Lewes Nodular Chalk Formation. Potential sources have been identified.
Direct contact with construction material	✓	Potentially impacted soils encountering foundations.
Services and Utilities	✓	Potentially impacted soils encountering services and utilities.

7.2.2 Potential Sources of On-site Contamination.

A study of Landmark Envirocheck Report and Site Walkover has identified the following potential on-site sources of contamination which may present a risk to

future uses of the proposed development. The sources have been presented in Table 7.2.

Table 7.2 On-site Potential Contamination Sources

Source	Likely Reasoning
Integrated Pollution Prevention and Control	Permitted activity should not give rise to soil contamination.
Pollution Incidents to Controlled Waters (Significant Incidents only)	Incident identified as "Oil On Stream; Demolition" Due to the date of the incident, and the semi permeable superficial soils of the River Terrace Deposits/Alluvium identified on site, any potential contamination would be localized, and the risk can be considered negligible.

7.2.3 Potential Off-site Sources of Contamination

A study of Landmark Envirocheck Report and Site Walkover has identified the following potential off-site sources of contamination which may present a risk to future uses of the proposed development.

These sources have been presented in given in Table 7.3.

Table 7.3 Off-site Potential Contamination Sources

Source	Direction	Distance (m)	Likely	Reasoning
Unknown large spoil heap	N	30	✓	Possible due to close proximity to site and unknown contents of spoil
Railway lines	N	80		Due to distance from site and nature of the source it is not considered as a potential risk. Situated down the hydraulic gradient of the site.
	NE	200		
Water works	N	100		
Sewage works	SW	120		Not considered likely to affect the site due to location to the SW and hydraulic gradient towards the N
Tanks (In place of former sewage works)	SW	120		
Brockhampton nurseries	E	120		Situated down the hydraulic gradient of the site.
Works	SE	250		Due to distance from site any potential contamination will be localised and within the superficial semi-permeable soils of the River Terrace Deposits/Alluvium.
Hart's Farm	S	250		
Hart's Farm Depot	S	250		
Discharge Consents	S	49		Permitted activity should not give rise to soil contamination.
	S	64		
	W	36		
	E	57		
	SE	58		
	S	71		
	S	72		
	N	86		

Source	Direction	Distance (m)	Likely	Reasoning
	E	125		
	S	143		
	SW	188		
	E	198		
	S	231		
	S	233		
	NE	247		
	S	249		
	E	249		
Potentially Infilled Pond	N	250		Due to distance from site, scale and location of the source the likelihood of the lateral migration of gas over vertical migration through fill material is considered unlikely.
Integrated Pollution Prevention and Control	SW	89		Permitted activity should not give rise to soil contamination.
	N	119		
	NE	194		
Local Authority Pollution Prevention and Controls	S	181		Permitted activity should not give rise to soil contamination.
	S	181		
	SE	196		
	SE	196		
	S	211		
	S	213		
	E	33		
Prosecutions Relating to Authorized Processes	N	205		Permitted activity should not give rise to soil contamination.
Substantiated Pollution Incident Register	SW	177		Not considered likely to affect the site due to location to the SW and hydraulic gradient towards the N
Historical Landfill Sites	N	6	✓	Potential soil-gas source.
Licensed Waste Management Facilities	N	11		Permitted activity should not give rise to soil contamination.
	NE	88		
	S	105		
	S	114		
	N	119		
	S	163		
	SW	106		
Local Authority Recorded Landfill Sites	SW	62	✓	Potential soil-gas source.
Potentially Infilled Land (Water)	SW	77	✓	
	SE	151	✓	
	N	94	✓	
Registered Landfill Sites	S	103	✓	
Registered Waste Transfer Sites	S	196		Permitted activity should not give rise to soil contamination.
Registered Waste Treatment or Disposal Sites	E	12		Situated down the hydraulic gradient of the site. Permitted activity should not give rise to soil contamination.

Source	Direction	Distance (m)	Likely	Reasoning
Tyre Dealers	E	12		
Garage Services	E	12		
Car Dealers - Used	SE	27		Activity unlikely to give rise to soil contamination.
Sound Equipment Systems Manufacturers	E	40		Situated down the hydraulic gradient of the site.
Marine Equipment & Supplies	E	73		
Marine Engineers	E	61		
Photocopiers	E	74		
Machinery - Industrial & Commercial	E	75		
Printers	E	84		
Precision Engineers	E	85		
Engineers - General	E	119		
Plastic Products - Manufacturers	E	120		
Precision Engineers	E	126		
Office Furniture & Equipment	NE	155		
Pallets, Crates & Packing Cases	SW	179		Activity unlikely to give rise to soil contamination. Distance from site.
Commercial Cleaning Services	SW	179		
Freight Forwarders	S	180		
Crane Hire, Sales & Service	SW	181		
Air Conditioning & Refrigeration Contractor	SE	183		
Metal Finishing Services	E	188		Situated off the hydraulic gradient of the site.
Mot Testing Centres	S	199		
Lifting Equipment	S	202		
Recycling Services	NE	198		
Builders' Merchants	NE	203		
Bus & Coach Operators & Stations	S	210		
Telecommunications Equipment & Systems	SE	214		
Mot Testing Centres	SE	214		
Sheet Metal Work	S	222		
Window Frame Manufacturers	S	222		
Disability Equipment - Manufacturers & Suppliers	E	226		
Builders' Merchants	SE	226		
Generators - Sales & Service	S	228		

Source	Direction	Distance (m)	Likely	Reasoning
Pharmaceutical Manufacturers & Distributors	E	228		
Plant & Machinery Repairs	SE	229		
Metal Finishing Services	S	230		
Window Frame Manufacturers	S	230		
Electronic Equipment - Manufacturers & Assemblers	S	230		
Heat Exchangers	S	230		
Air Conditioning & Refrigeration Contractors	SE	247		
Metal Finishing Services	SE	247		
Boatbuilders & Repairers	NE	248		Situating down the hydraulic gradient of the site.
Car Dealers	NE	248		

7.3 Potential Contaminants

To ascertain the chemicals associated with identified potential onsite and offsite sources, the Department of the Environment Industry Profiles (DoE) have been reviewed. In cases where the DoE profiles have no, or limited information other sources have been reviewed detailing the processes involved in the activity carried out on-site.

Table 7.4 presents the range of possible contaminants associated with the onsite and off-site activities and sources identified following a review of historical maps and datasets.

Table 7.4 Potential Contaminants

Potential Contaminative Sources/Activities/Processes	Contaminants/Chemical Properties
Unknown large spoil heap 30m north of site	Metals and semi-metals, PAHs and TPHs, Asbestos
Local Authority Recorded Landfill Sites	Soil-gas, Metals and semi-metals, PAHs and TPHs, Asbestos, Chemical/toxic waste
Potentially Infilled Land (Water)	
Registered Landfill Sites	
Notes:	

7.4 Potential Exposure Receptors

The receptors to any potential contamination have been evaluated from our understanding of the current and planned land use of the site, an assessment of surrounding land uses and currently available information pertaining to the site.

The assessment for potential receptors is presented in Table 7.5.

Table 7.5 Potential Receptors

Potential Receptor		Present
Human Health	Future users of the site	✓
	Construction workers on-site	✓
	Service and maintenance workers	✓
	Site neighbours and wider public	✓
Groundwater/Controlled Waters	Surface Water	
	Groundwater/Future Potable Water Supply	✓
Buildings & Materials	Buildings and confined spaces	✓
	Construction materials	✓
	Services and Utilities (e.g. drinking water pipes)	✓
Ecosystems	Flora and fauna	✓

7.5 Preliminary Conceptual Site Model and Risk Assessment

A preliminary risk assessment has been undertaken based on the proposed development. The assessment has been based on the likelihood of the presence of a pollutant linkage.

A pollutant linkage is the relationship between a contaminant source, a pathway and a receptor. Unless all three elements of a pollutant linkage are present, a risk is not considered to exist. Each of the three elements has been considered within Table 7.1 to Table 7.5. The preliminary conceptual site model and risk assessment is presented in Table 7.6. The classification tables on which the level of risk has been determined have been modified from 'Contaminated land risk assessment: A guide to good practice, 2001, CIRIA C552' and are presented in Appendix F.

Table 7.6 Preliminary Conceptual Site Model and Risk Assessment Methodology

Source (See Table 7.2Table 7.2 and Table 7.3)	Potential Contaminant (See Table 7.4)	Exposure Pathway (See Table 7.1)	Receptor (See Table 7.5)	Initial Assessment from Preliminary Investigation Report Information			Comments	Proposed Investigation	
				Severity	Probability	Risk			
Unknown large spoil heap Off-site sources from which potential contamination would have migrated onto the site.	Metals, Semi-metals and non- metals, PAHs, TPHs	Inhalation of dust	Site Workers/Site Maintenance	Minor	Unlikely	Very low	Potential migration of contaminants in solution via groundwater, given that the site was underlain by permeable geology, classified as principal aquifer .	Ground workers should follow regulations on health and safety during development (HSE, 1991).	
			End Users						
			Off-site Users						
	PAHs, TPHs	Inhalation of Vapour/gases (including radon)	Site Workers/Site Maintenance	Minor	Unlikely	Very low		Potential risk to end-users, off-site users and site workers via inhalation of dust and direct contact, due to residential gardens within the proposed development.	Main Investigation to confirm the ground and groundwater conditions present and chemical testing including water sampling/leachate testing, where appropriate, prior to undertaking a generic quantitative risk assessment.
			End Users						
			Off-site Users						
	Metals, Semi-metals and non- metals, PAHs, TPHs	Ingestion and absorption via direct contact	Site Workers/Site Maintenance	Minor	Unlikely	Very low			
			End Users						
	Metals, Semi-metals and non- metals, PAHs, TPHs	Migration via surface runoff	Surface Water	-	-	-			
			Surface Water						
			Shallow Aquifer						
		Migration in solution via groundwater	Deep Aquifer	Minor	Unlikely	Very low			
Buried structures									
PAHs, TPHs	Migration of gases via permeable soils (including radon)	Buried Services	Minor	Unlikely	Very low				
		Site Workers/Site Maintenance							
		End Users							
		Off-site Users							
		Building and confined spaces							
Local Authority Recorded Landfill Sites, Potentially Infilled Land (Water), Registered Landfill Sites Off-site sources from which potential contamination would have migrated onto the site.	Soil-gas, Metals and semi-metals , PAHs and TPHs, Asbestos, Chemical/toxic waste	Inhalation of dust	Site Workers/Site Maintenance	Mild	Likely	Moderate/Low	Potentially infilled land (water) and recorded landfilled sites within 0 – 250m to the site. Potential disposal of hazardous waste in unlined pits or ponds poses a threat to human health via migration of contaminants. Risk for release of soil-gas as putrescible materials contained in the landfill may gradually decay.	Ground workers should follow regulations on health and safety during development (HSE, 1991).	
			End Users	Medium	Likely	Moderate			
			Off-site Users	Mild	Low	Low			
	Soil-gas	Inhalation of Vapour/gases (including Radon)	Site Workers/Site Maintenance	Mild	Likely	Moderate/Low	Potential migration of contaminants in solution via groundwater, given that the site was underlain by permeable geology.	Main Investigation to confirm the ground and groundwater conditions present and, where appropriate, chemical testing prior to undertaking a generic quantitative risk assessment.	
			End Users	Medium	Likely	Moderate			
			Off-site Users	Mild	Low	Low			
	Soil-gas, Metals and semi-metals, PAHs and TPHs, Asbestos, Chemical/toxic waste	Ingestion and absorption via direct contact	Site Workers/Site Maintenance	Mild	Likely	Moderate/Low	Potential risk to end-users, off-site users and site workers via inhalation of dust and direct contact, due to residential gardens within the proposed development.	Main Investigation to allow for installation of gas monitoring wells. Use CIRIA 149 & 665 to assess the need for gas protection measures where necessary following ground gas testing.	
			End Users	Medium	Likely	Moderate			
	Soil-gas, Metals and semi-metals, PAHs and TPHs, Chemical/toxic waste	Migration via surface runoff	Surface Water	Medium	Likely	Moderate			
			Surface Water						
			Shallow Aquifer						
		Migration in solution via groundwater	Deep Aquifer	Mild	Low	Low			
			Buried structures						
	Soil-gas	Migration of gases via permeable soils (including radon)	Buried Services	Mild	Likely	Moderate/Low			
			Site Workers/Site Maintenance						
			End Users						
			Off-site Users						
			Building and confined spaces						

Section 8 Recommendations

8.1 General

Based on the information obtained during the compilation of this Preliminary Investigation and the preliminary conceptual site model, a potential for a **very low to moderate** risk of contamination has been identified, an intrusive investigation is therefore considered to be necessary to further quantify the risks identified. Any subsequent intrusive investigation may reveal additional on-site sources of contamination that were not identified in the Preliminary Investigation and Site Walkover. Any additional sources of contamination or unexpected ground conditions that may promote the migration of contamination will be included and assessed in terms of significance within an updated Conceptual Site Model.

8.2 Unexploded Ordnance (UXO)

In accordance with guidance presented in C681 'Unexploded Ordnance (UXO) A guide for the Construction Industry' a review has been undertaken of the historic maps and the UXO Zetica (unexploded bomb) maps which has indicated that the site has been/or in an area that is likely to have been subject to bombing, shelling or has had a military use.

Based on the assessment of the historical maps, and the UXO Zetica (unexploded bomb) maps it is recommended that a specialist UXO risk assessment is undertaken to determine the risk to the proposed development.

8.3 Proposed Further Site Works

An intrusive investigation is considered necessary to quantify the potential risks and remaining uncertainties that have been identified within the preliminary CSM. The preliminary CSM identifies the test parameters relevant to the sources that have a pathway to a receptor. Dependant on the findings of an intrusive investigation the test parameters may be modified. The intrusive investigation will be designed to investigate and assess the pollutant linkages identified in the preliminary Conceptual Site Model.

The general requirements for further environmental investigation are presented in Table 8.1.

Table 8.1 Proposed Further Environmental Investigation

Proposed Works	General Purpose	Required
Investigatory Holes	To collect sufficient samples for a robust assessment	II
Laboratory Testing	To quantify the risks identified in the Conceptual Site Model	II
Risk Assessment	Assess pollutant linkages based on current contaminated land guidance and screening criteria's	II
Borehole well installation	To allow for continued groundwater and/or gas monitoring	II
Remediation	If the site-specific risk assessment reveals that the site was contaminated	II

Proposed Works	General Purpose	Required
Validation & Verification	To validate and verify the remedial objectives based on the site-specific risk assessment	II

8.4 Discovery Strategy

There may be areas of contamination not identified during the course of the investigation. Such occurrences may also be discovered during the demolition and construction phases for the redevelopment of the site.

Care should be taken during excavation works especially to investigate any soils which appear by eye (e.g. such as fibrous materials, large amounts of ash and unusual discolouration), odour (e.g. fuel, oil and chemical type odours or unusual odours such as sweet odours or fishy odours) or wellbeing (e.g. light headedness and/or nausea, burning of nasal passages and blistering or reddening of skin due to contact with soil) to be contaminated or of unusual and/or different character to standard soils or those analysed.

In the event of any discovery of potentially contaminated soils or materials, this discovery should be quarantined and reported to the most senior member of site staff or the designated responsible person at the site for action. The location, type and quantity must be recorded, and the Local Authority and a competent and appropriate third-party Engineer/Environmental consultant notified immediately. An approval from the Local Authority must be sought prior to implementing any proposed mitigation action.

The discovery strategy must remain on-site at all times and must demonstrate a clear allocation of responsibility for reporting and dealing with contamination. A copy of the strategy must be placed on the health and safety notice board and /or displayed in a prominent area where all site staff are able to take note of and consult the document at any time. Any member of the workforce entering the site to undertake any excavation must be made aware of the potential to discover contamination and the discovery strategy.



Figure 1 – Site Location Map



Job Number

17877

Project

Kingscroft Farm, Ranelagh Road, Havant, Hampshire PO9 1FJ

Client

Forman Homes Ltd
Brockhampton Holdings Ltd.
Portsmouth Water Ltd.
Brockhampton Property Investments Ltd.

Date

November 2019

Appendix A Proposed Development Plans



Please Note:

This drawing must not be scaled, dimensions to be checked on site and any discrepancies are to be highlighted to the Architect prior to construction.

Prior to the commencement of any works, the Contractor is to check and / or determine all construction details including checking existing site levels and dimensions.

This drawing is to be read in conjunction with all other project drawings, construction notes and / or project specifications including those by other project consultants and specialists. All discrepancies should be reported immediately.

Design subject to detail development / approval.
Measurements and accommodation schedules subject to amendments following coordinated input by others.
Costings cannot be finalised until approval / confirmation by relevant authorities and Client.

Further design information:



E	Amended to client's comments	21.06.22	VP/HJE
D	Access amended to highways' design	17.05.22	VP/HJE
C	Amended to client's comments	13.05.22	VP/HJE
B	Red line removed	26.04.22	VP/HJE
A	Amended to client comments	11.04.22	DW/HJE

Rev.	Description	DATE	DB / CB
------	-------------	------	---------

Date Apr '22

Drawn By/Checked By VP / HJE

Scale 1:1000 @ A2

Revision E

Project Land at Kingscroft Farm
Meyrick Road, Havant

Title Illustrative Site Plan

Dwg# 18.099.02

Status Sketch



Furzehall Farm, Wickham Road
Fareham, Hampshire
PO16 7JH

01329 283 225
email@hgp-architects.co.uk
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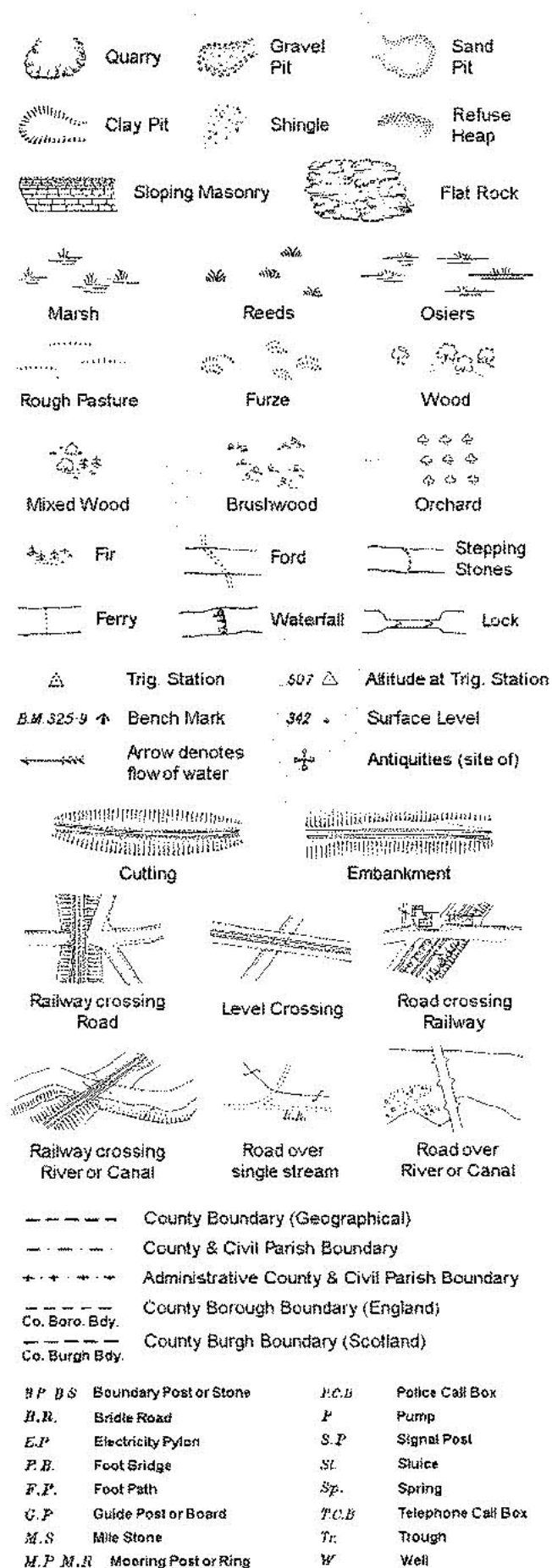
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Duncan Rd, Southampton
SO31 1BX

0330 333 7365
info@foremanhomes.co.uk

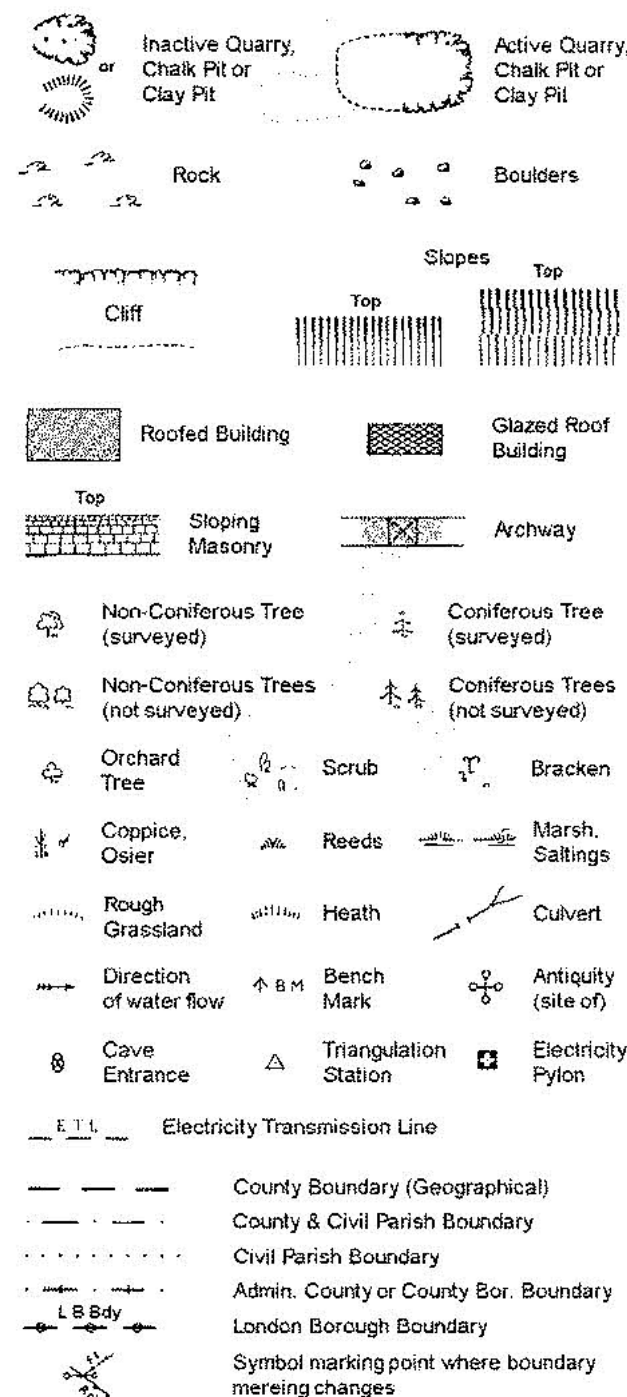
Appendix B Country Series and Ordnance Survey Maps

Historical Mapping Legends

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

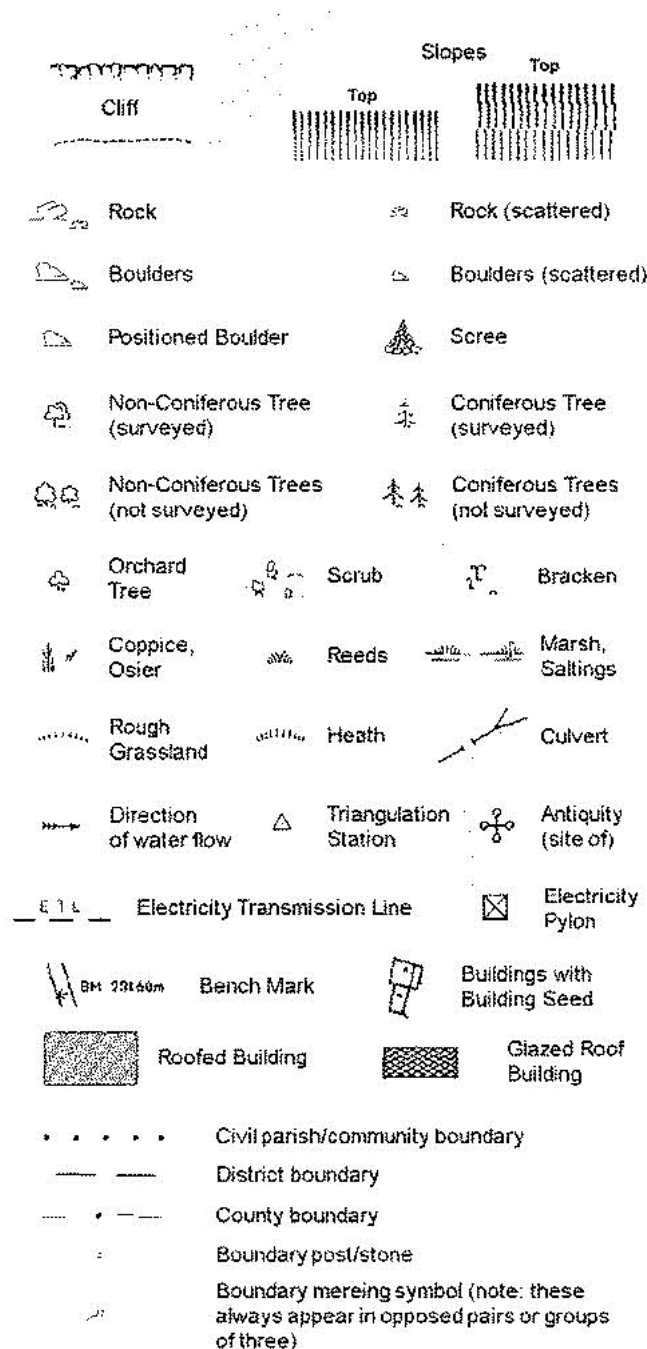


Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D.Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tx	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
N.T.L.	Normal Tidal Limit	Wd Pp	Wind Pump

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



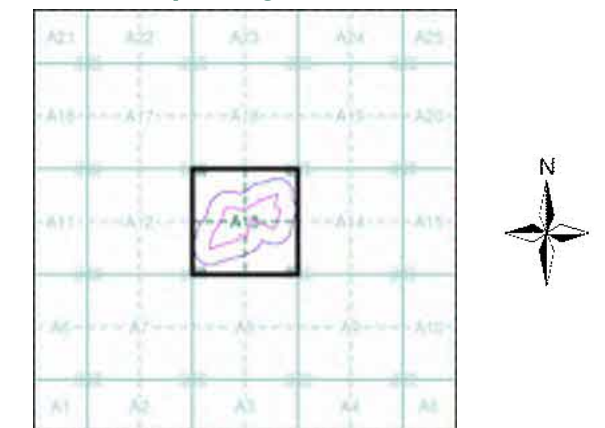
Bks	Barracks	P	Pillar, Pole or Post
Sty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governor	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1868	2
Hampshire & Isle Of Wight	1:2,500	1897	3
Hampshire & Isle Of Wight	1:2,500	1909	4
Hampshire & Isle Of Wight	1:2,500	1932	5
Ordnance Survey Plan	1:2,500	1954	6
Ordnance Survey Plan	1:1,250	1959	7
Ordnance Survey Plan	1:2,500	1961 - 1974	8
Ordnance Survey Plan	1:2,500	1969	9
Ordnance Survey Plan	1:1,250	1969 - 1973	10
Ordnance Survey Plan	1:1,250	1973	11
Supply of Unpublished Survey Information	1:2,500	1973	12
Supply of Unpublished Survey Information	1:1,250	1973	13
Additional SIMs	1:1,250	1987	14
Additional SIMs	1:2,500	1987	15
Large-Scale National Grid Data	1:1,250	1993	16
Large-Scale National Grid Data	1:2,500	1993	17
Historical Aerial Photography	1:2,500	1999	18

Historical Map - Segment A13



Order Details

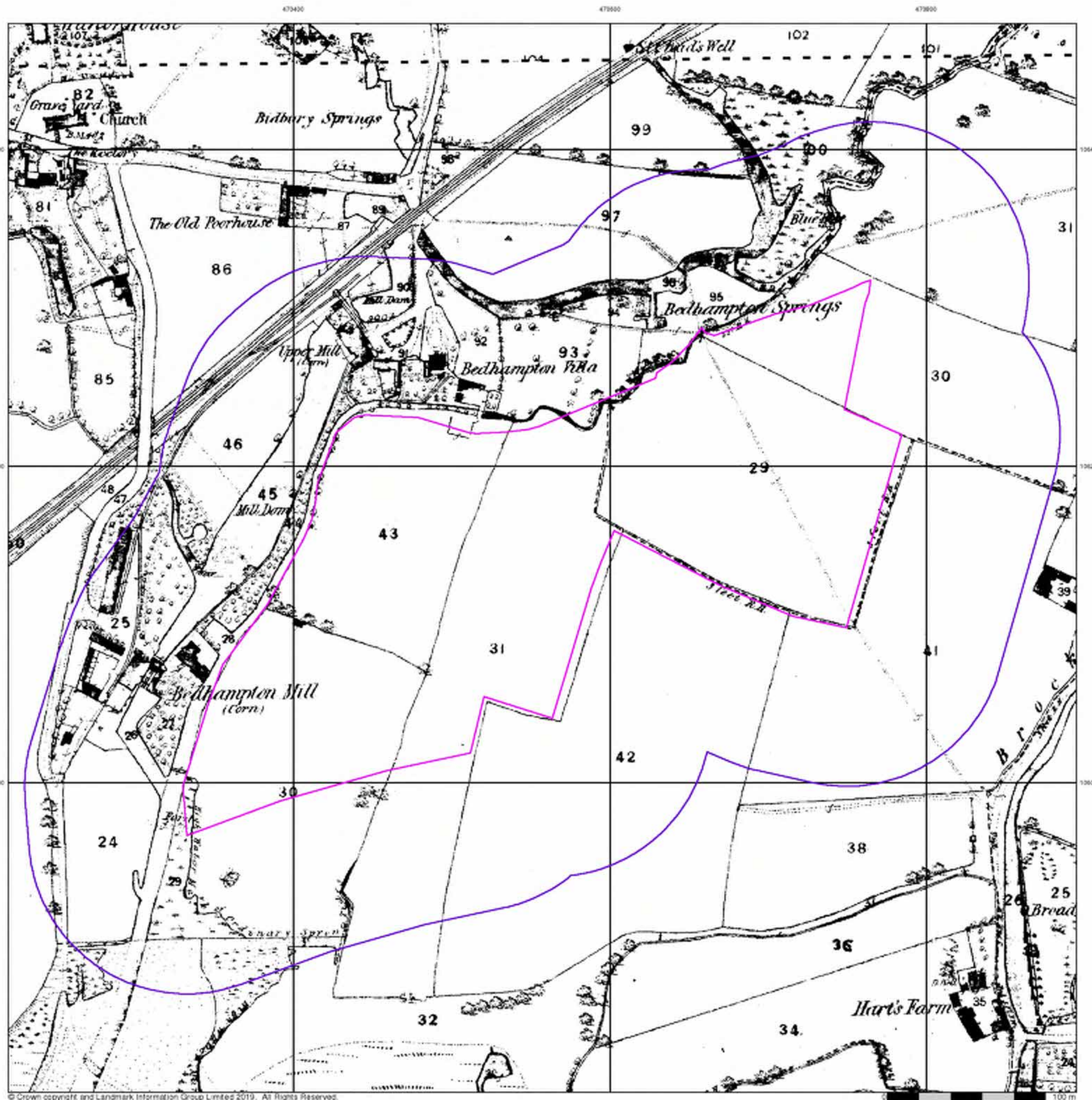
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 National Grid Reference: 470560, 106140
 Slice: A
 Site Area (Ha): 7.12
 Search Buffer (m): 100

Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ



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Hampshire & Isle Of Wight

Published 1868

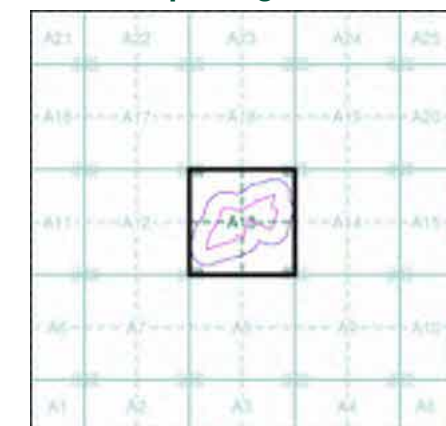
Source map scale - 1:2,500

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)

076_06	1868	1:2,500
076_10	1868	1:2,500

Historical Map - Segment A13



Order Details

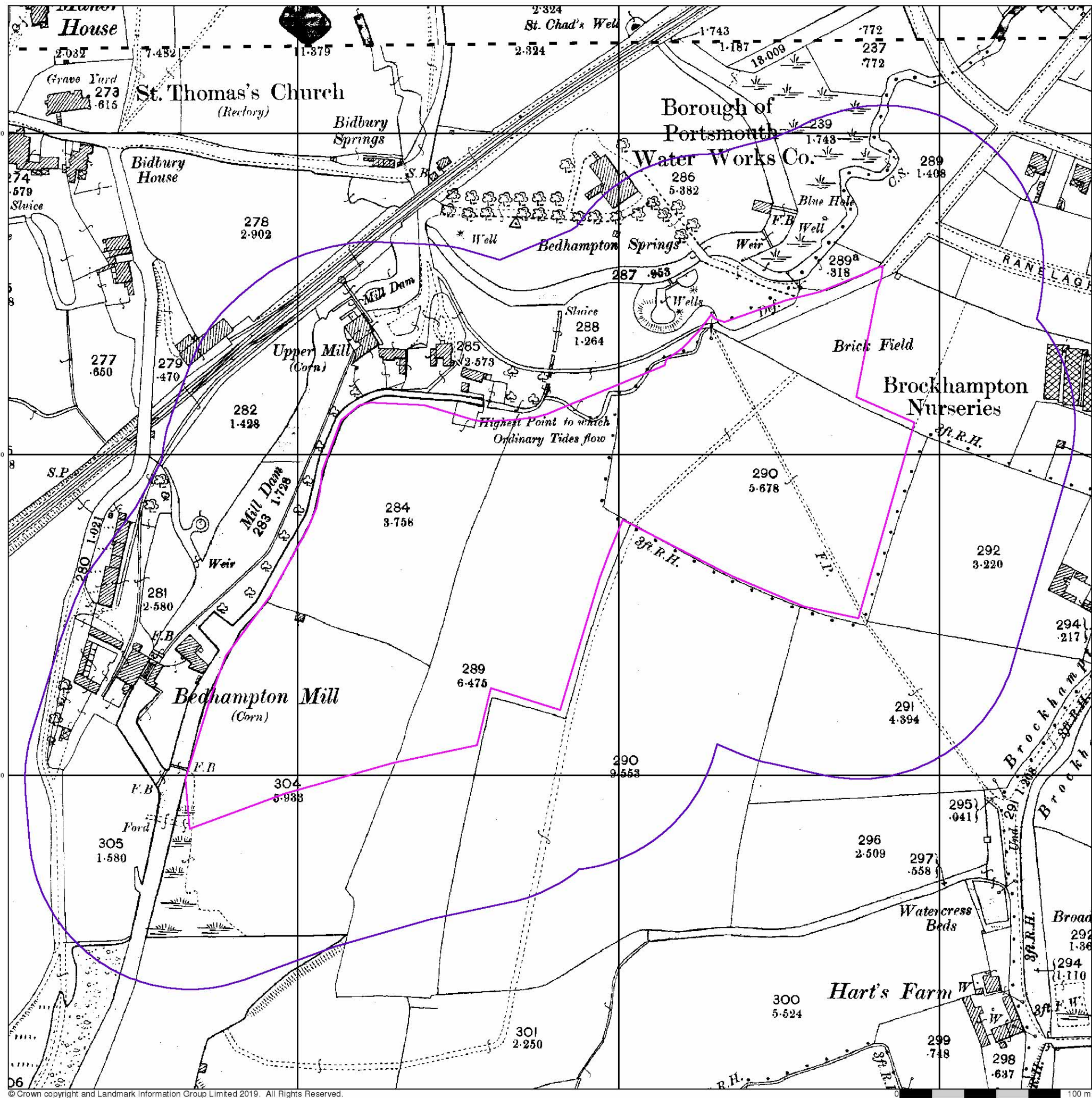
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 National Grid Reference: 470560, 106140
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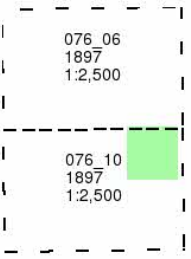
Hampshire & Isle Of Wight

Published 1897

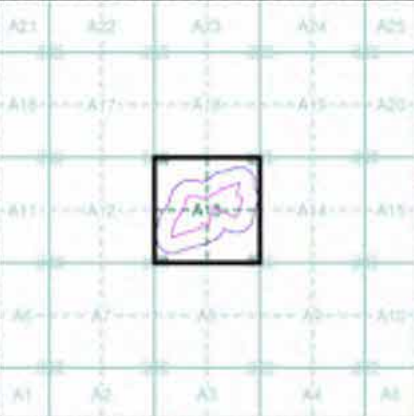
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

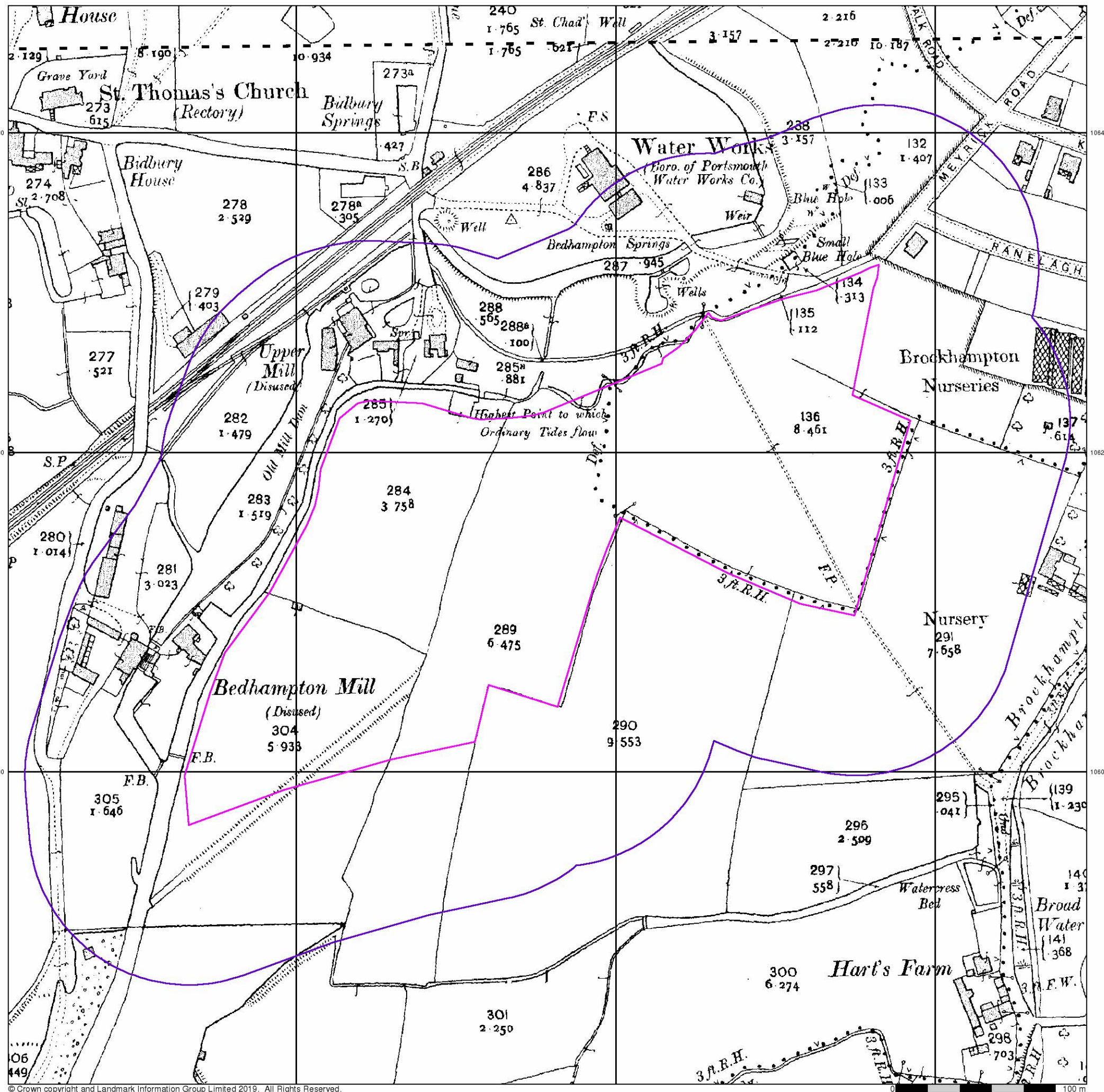
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Site Area (Ha): 7.12
Search Buffer (m): 100

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Hampshire & Isle Of Wight

Published 1909

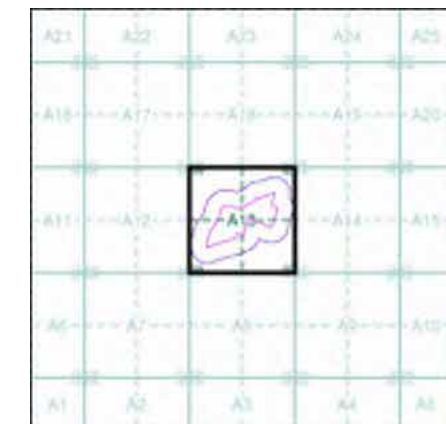
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)

076_06
1909
1:2,500
076_10
1909
1:2,500

Historical Map - Segment A13



Order Details

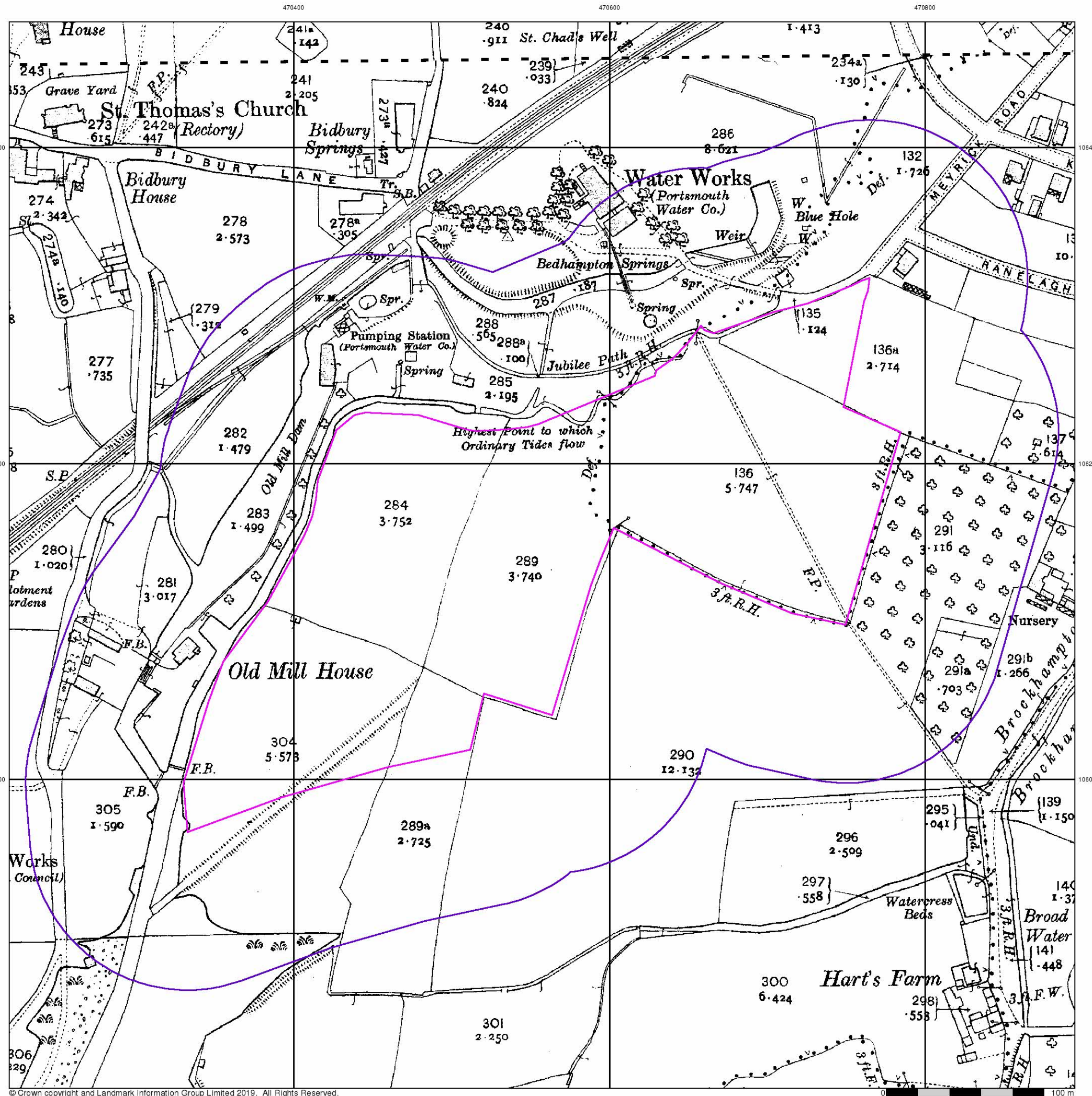
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Site Area (Ha): 7.12
Search Buffer (m): 100

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Hampshire & Isle Of Wight

Published 1932

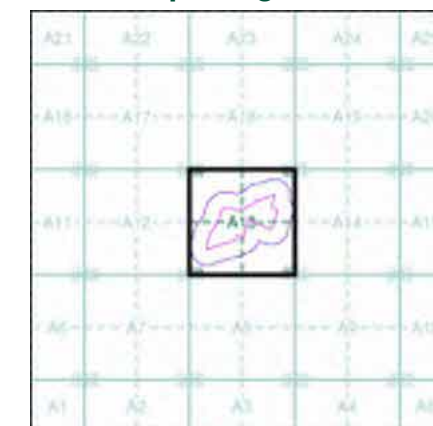
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)

076_06
1932
1:2,500
076_10
1932
1:2,500

Historical Map - Segment A13



Order Details

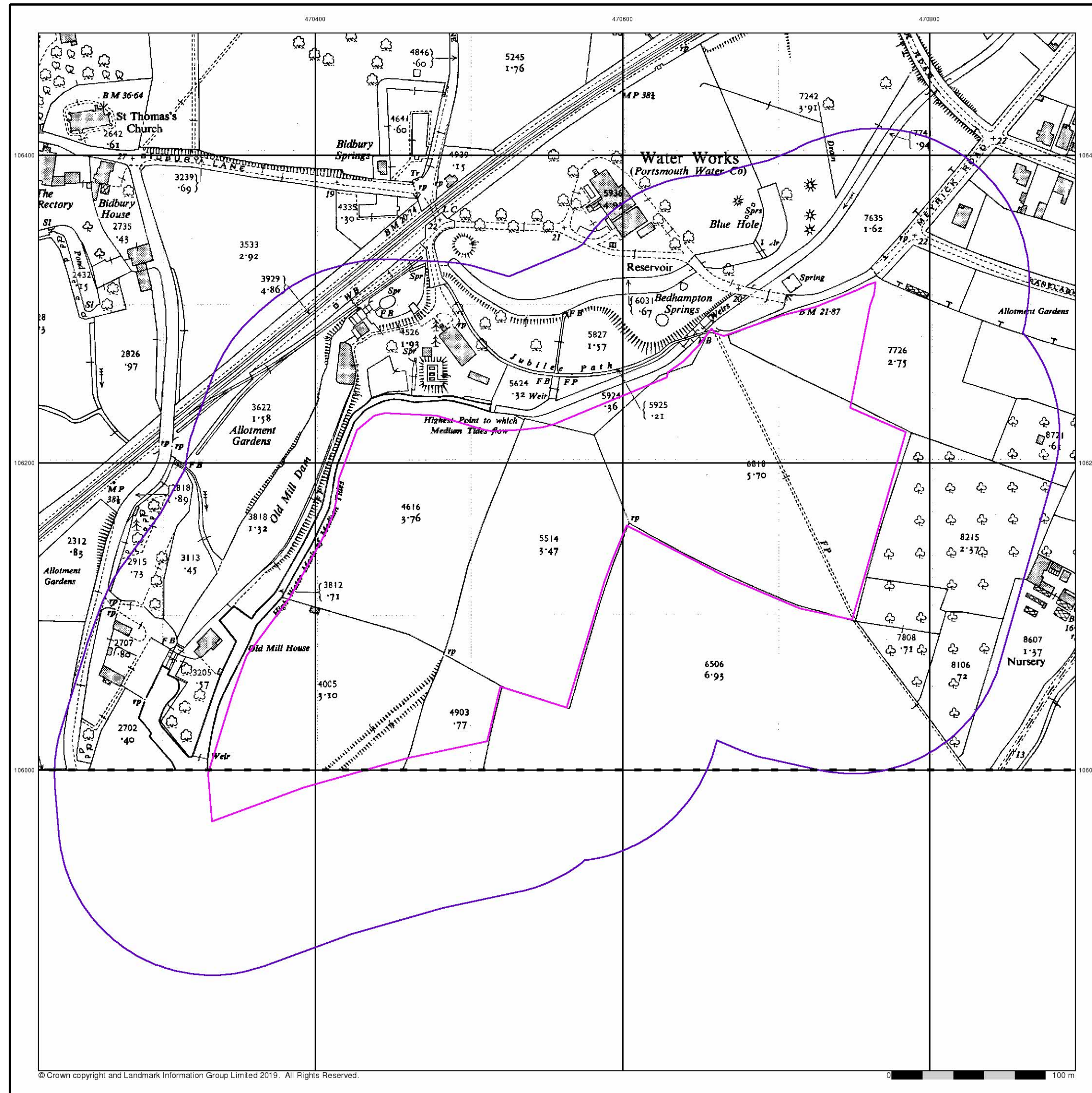
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Site Area (Ha): 7.12
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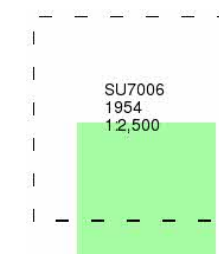
Ordnance Survey Plan

Published 1954

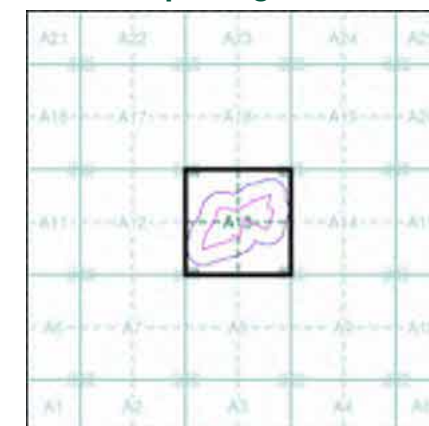
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1959

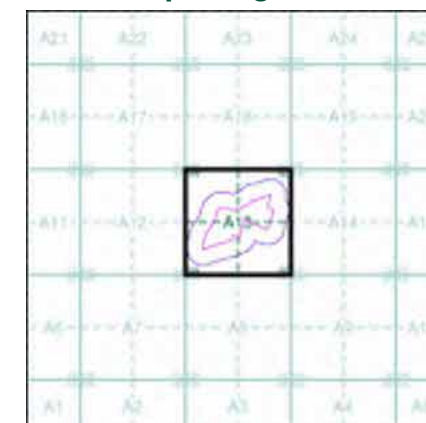
Source map scale - 1:1,250

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Map Name(s) and Date(s)

SU7006SW 1959 1:1,250	SU7006SE 1959 1:1,250
-----------------------------	-----------------------------

Historical Map - Segment A13

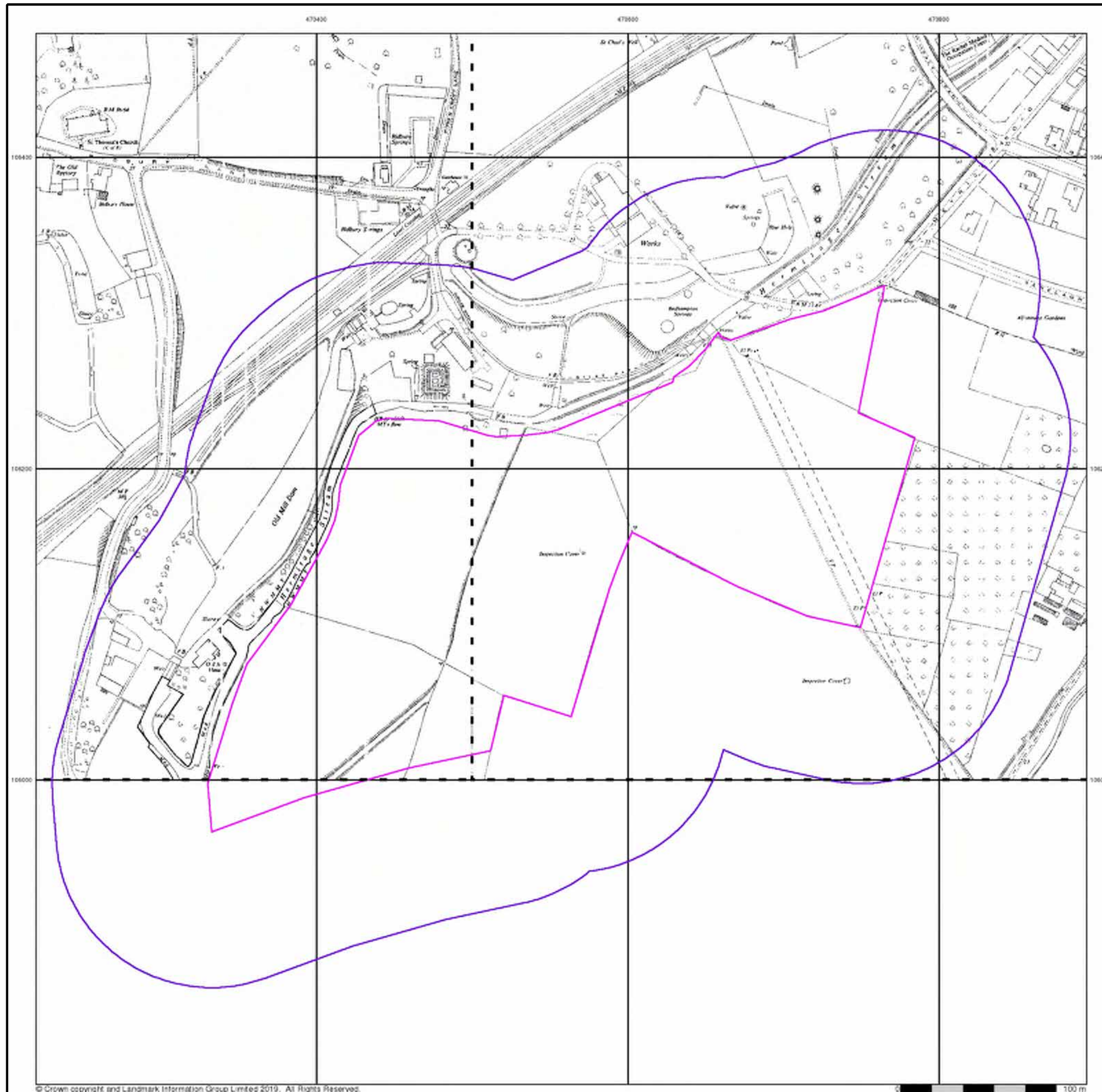


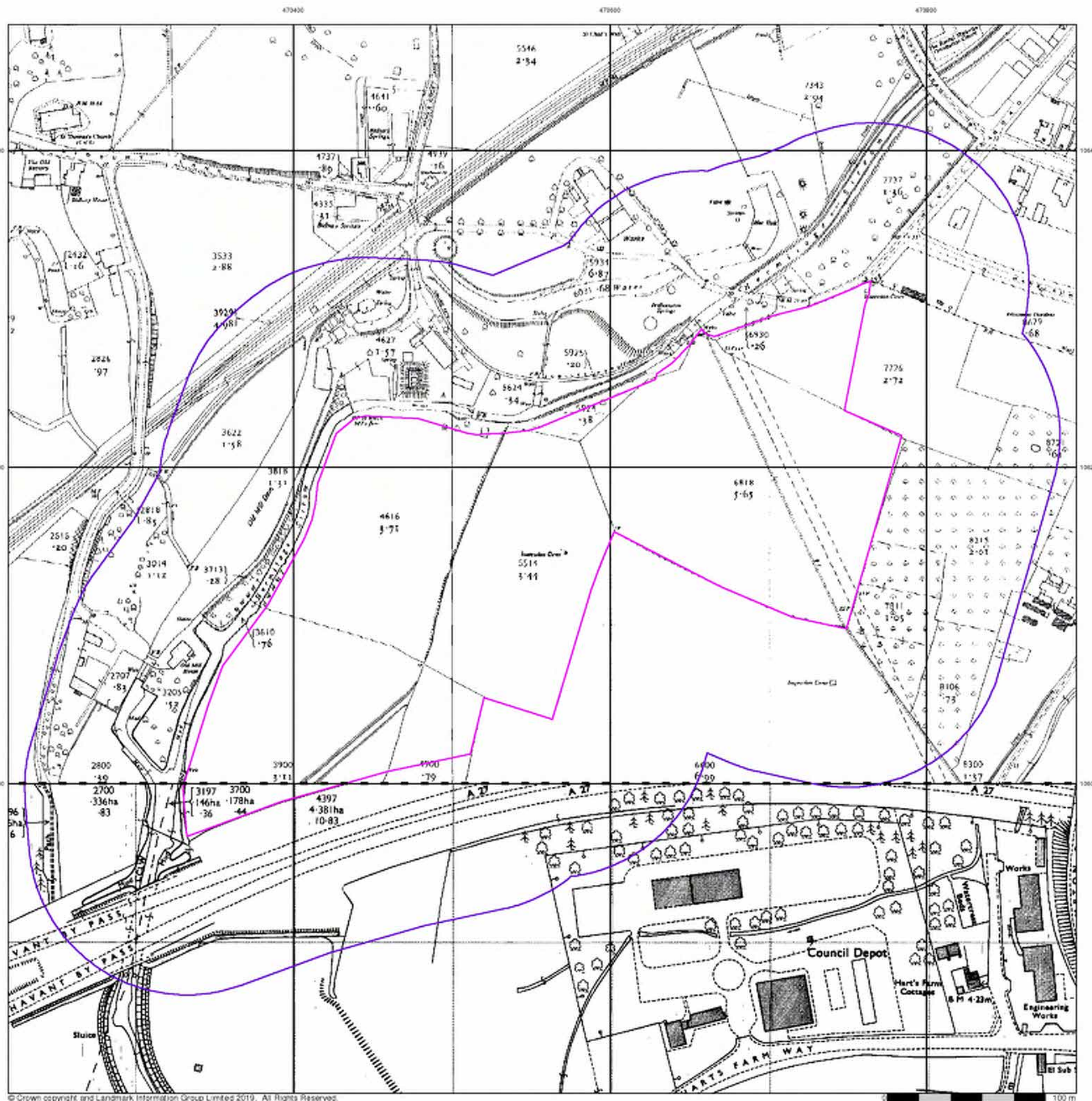
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Site Area (Ha): 7.12
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Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ





Ordnance Survey Plan

Published 1961 - 1974

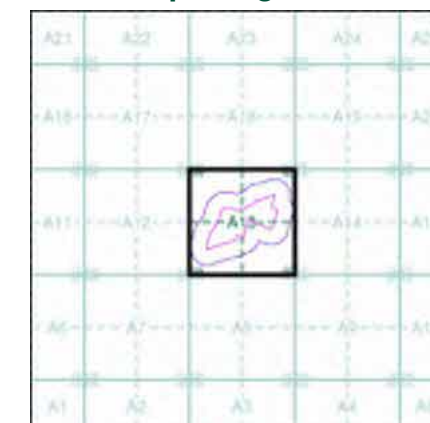
Source map scale - 1:2,500

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Map Name(s) and Date(s)

SU7006	1961	1:2,500
SU7005	1974	1:2,500

Historical Map - Segment A13



Order Details

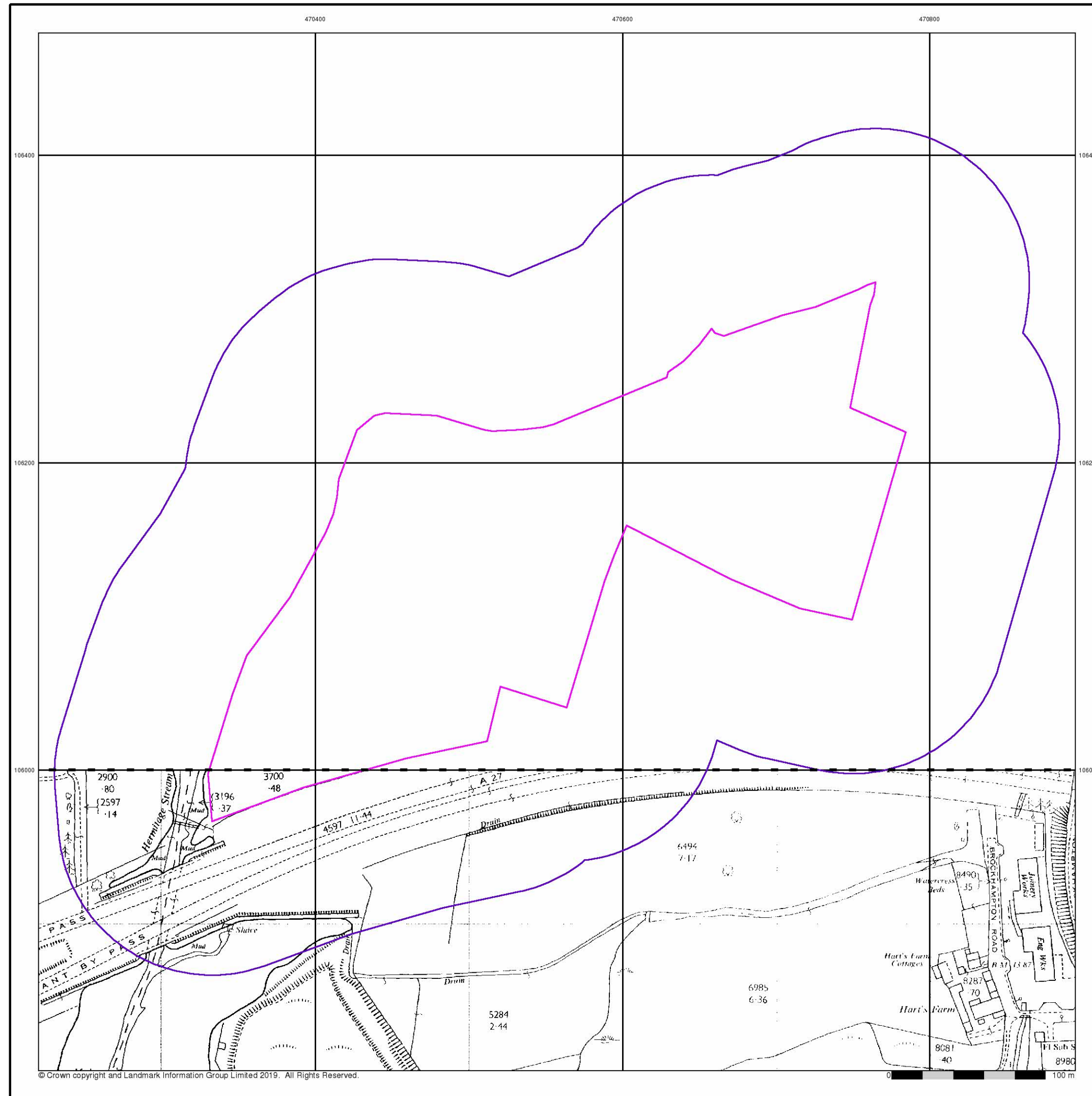
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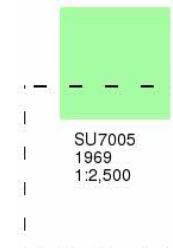
Ordnance Survey Plan

Published 1969

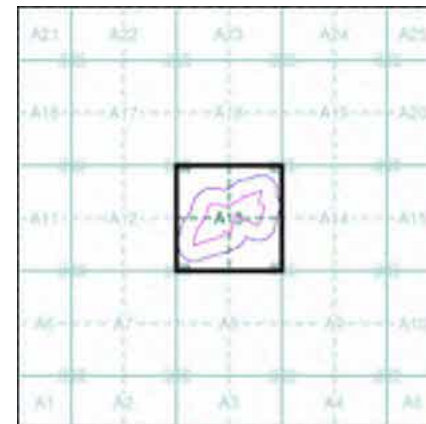
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

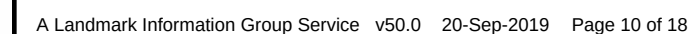
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Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 100

Site Details

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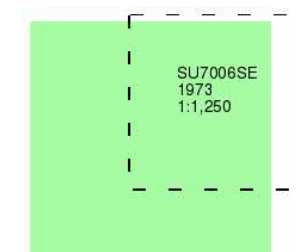
Ordnance Survey Plan

Published 1973

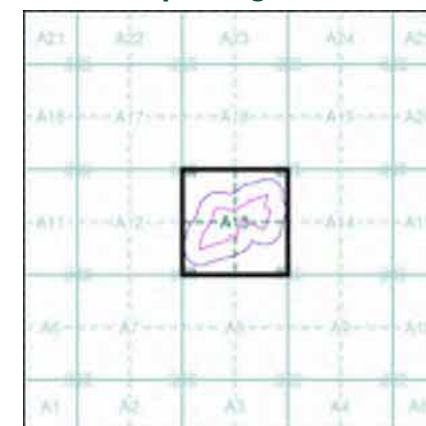
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

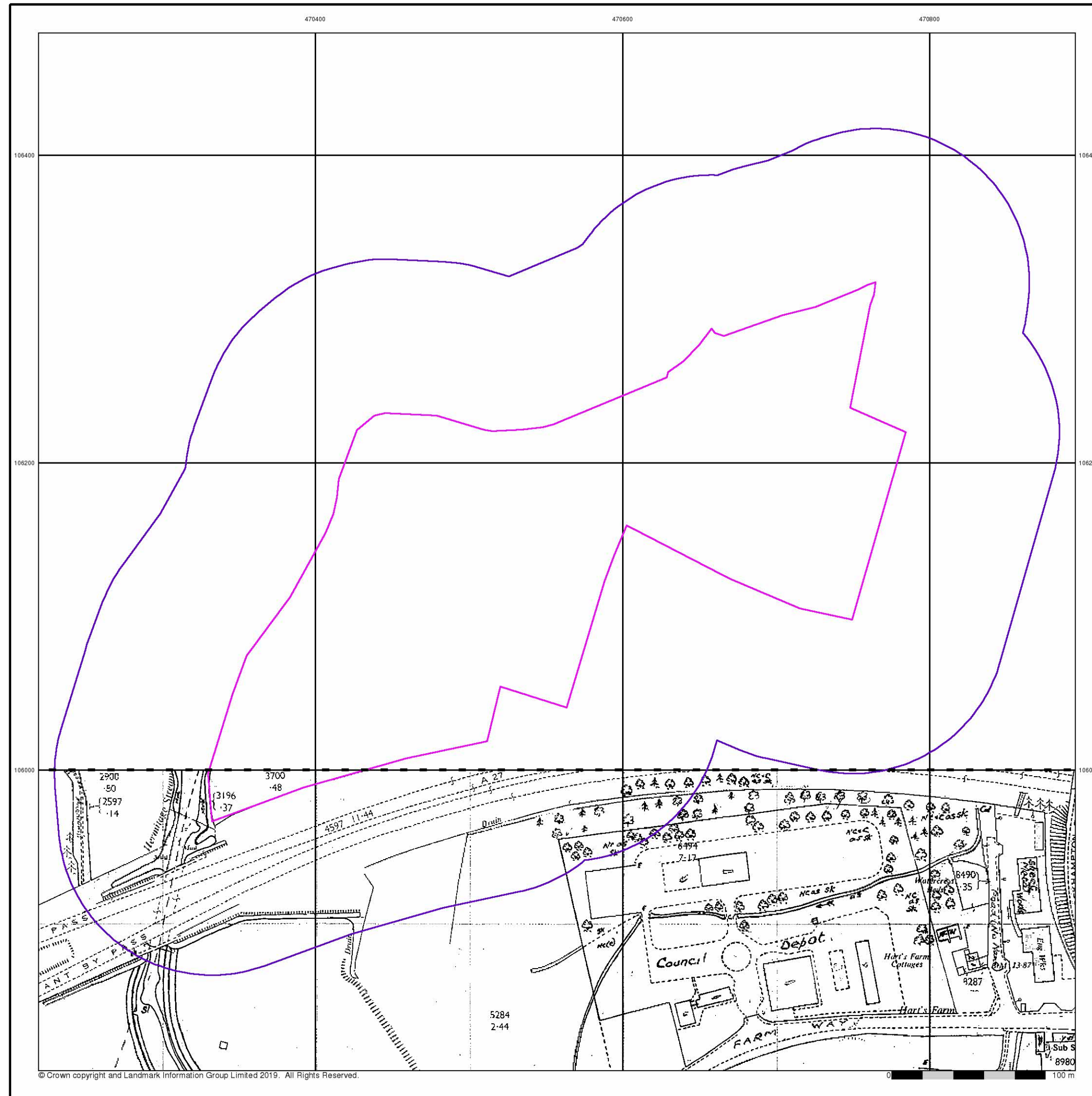
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Customer Ref: 17877
National Grid Reference: 470560, 106140
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Site Area (Ha): 7.12
Search Buffer (m): 100

Site Details

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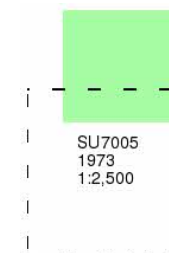
Supply of Unpublished Survey Information

Published 1973

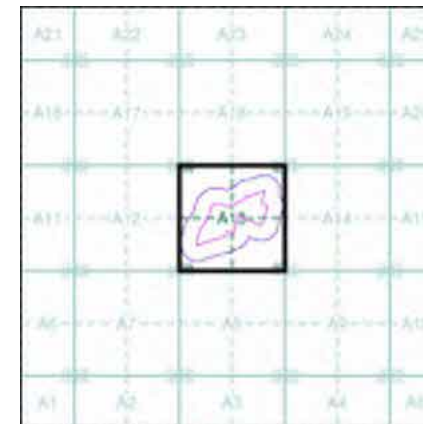
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 100

Site Details

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Supply of Unpublished Survey Information

Published 1973

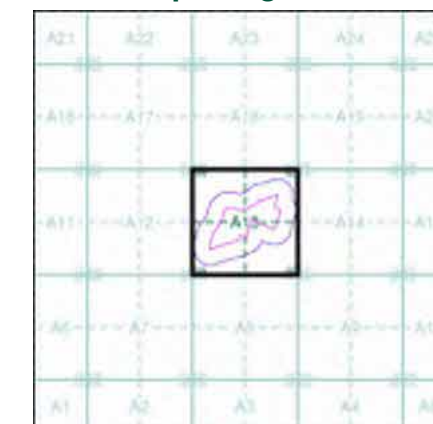
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SU7006SW 1973 1:1,250	SU7006SE 1973 1:1,250
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Historical Map - Segment A13

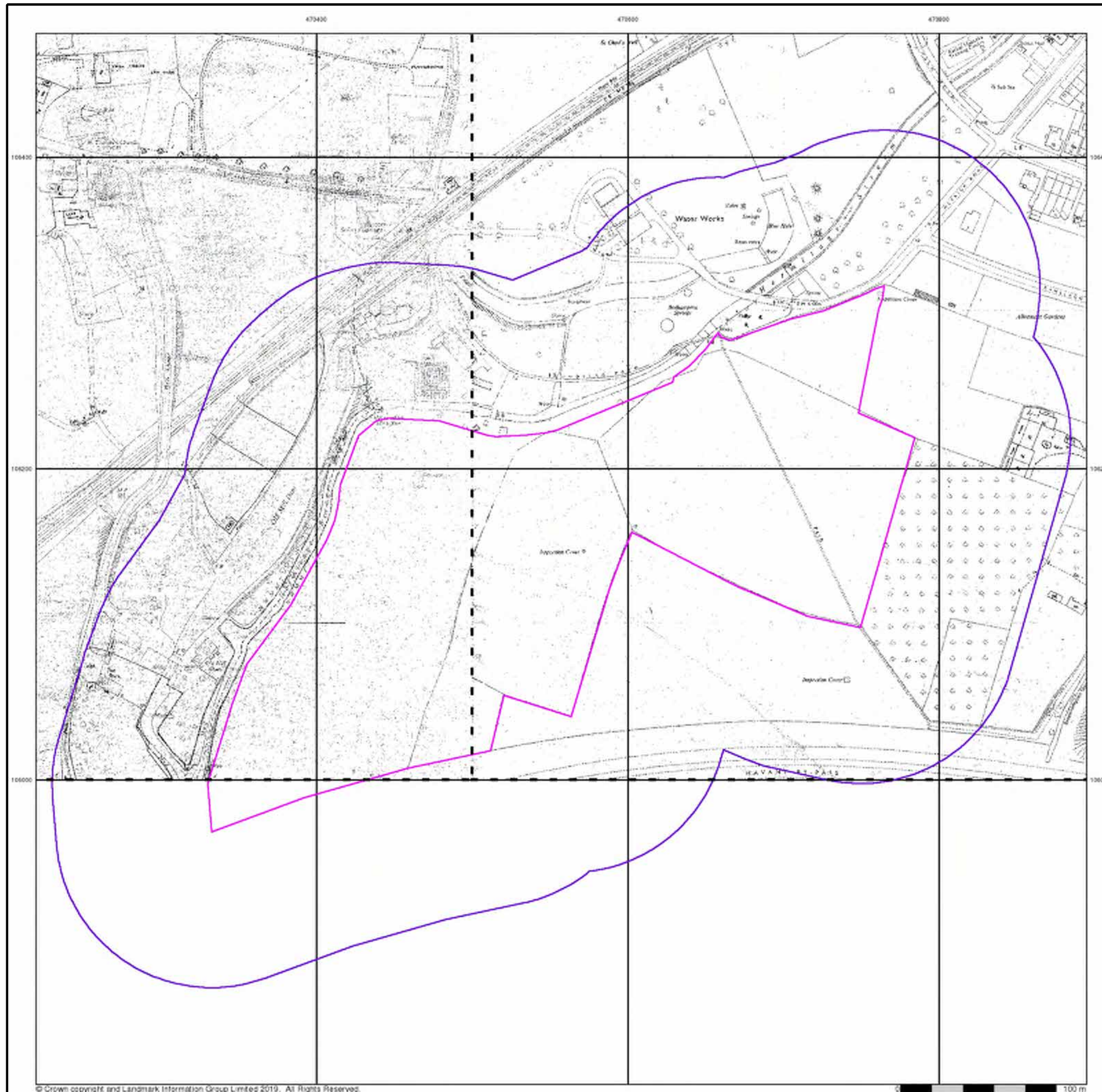


Order Details

Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 100

Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ

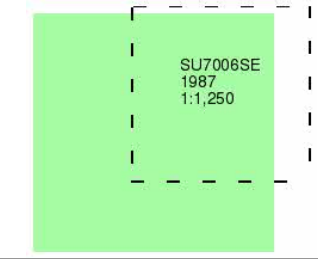




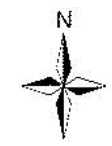
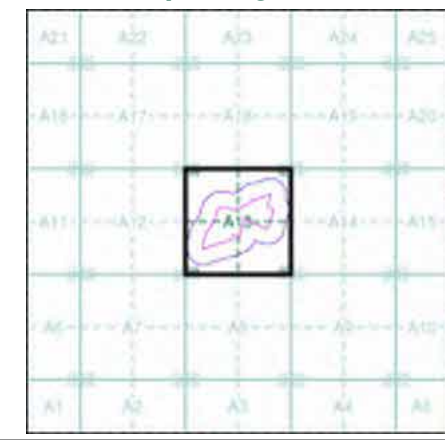
Additional SIMs
Published 1987
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

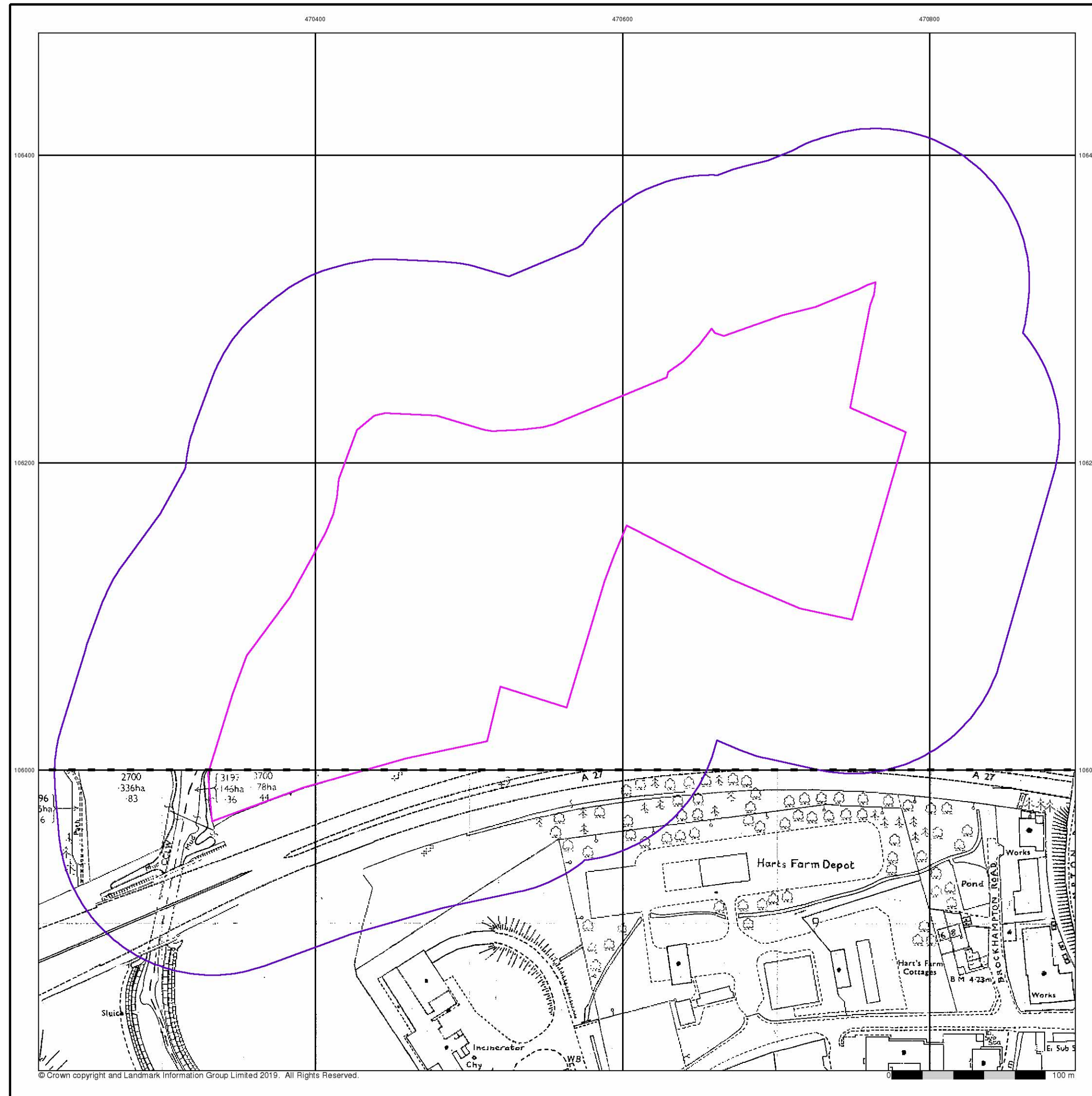


Historical Map - Segment A13



Order Details
Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 100

Site Details
Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ



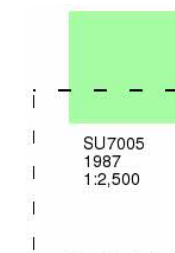
Additional SIMs

Published 1987

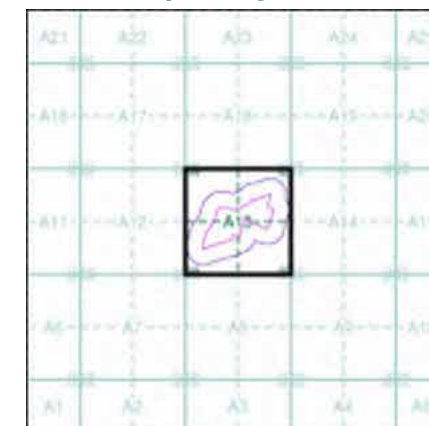
Source map scale - 1:2,500

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: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 100

Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ



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Fax: 0844 844 9951
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Large-Scale National Grid Data

Published 1993

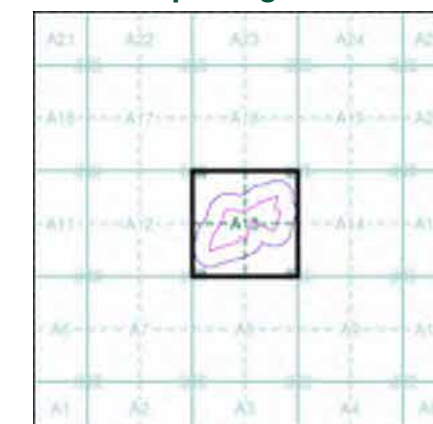
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SU7006SW 1993 1:1,250	SU7006SE 1993 1:1,250
-----------------------------	-----------------------------

Historical Map - Segment A13



Order Details

Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 100

Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ





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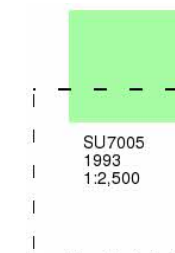
Large-Scale National Grid Data

Published 1993

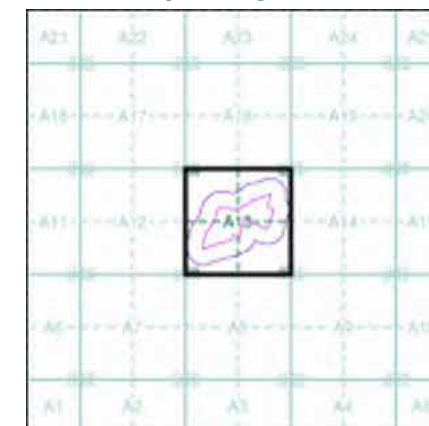
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
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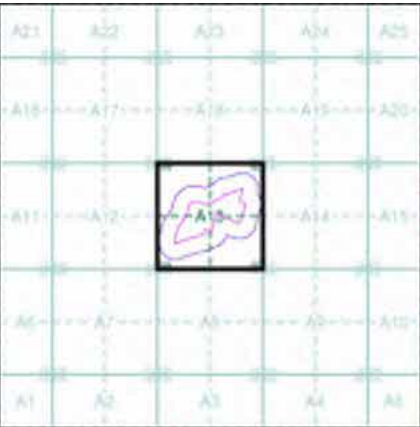
© Copyright Getmapping plc



Historical Aerial Photography Published 1999

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

Historical Aerial Photography - Segment A13



Order Details

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Slice: A
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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		
	Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Fenced Minor Roads		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		
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

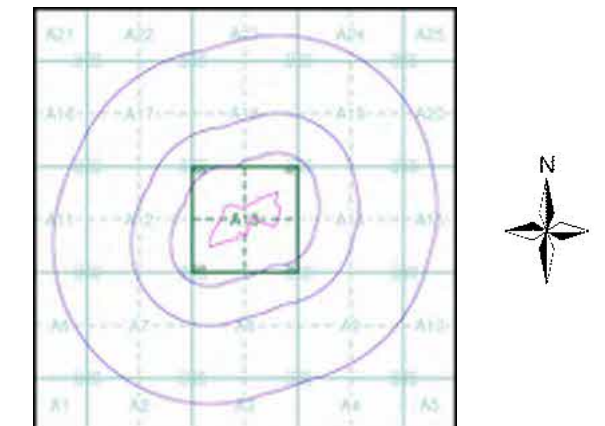
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1870	3
Sussex	1:10,560	1879 - 1880	4
Hampshire & Isle Of Wight	1:10,560	1898	5
Sussex	1:10,560	1899	6
Hampshire & Isle Of Wight	1:10,560	1909 - 1910	7
Sussex	1:10,560	1914	8
Sussex	1:10,560	1914	9
Sussex	1:10,560	1914	10
Hampshire & Isle Of Wight	1:10,560	1932	11
Sussex	1:10,560	1932	12
Sussex	1:10,560	1932	13
Hampshire & Isle Of Wight	1:10,560	1932	14
Sussex	1:10,560	1932	15
Hampshire & Isle Of Wight	1:10,560	1933	16
Hampshire & Isle Of Wight	1:10,560	1933	17
Hampshire & Isle Of Wight	1:10,560	1938 - 1942	18
Ordnance Survey Plan	1:10,000	1962 - 1963	19
Ordnance Survey Plan	1:10,000	1966	20
Ordnance Survey Plan	1:10,000	1972 - 1975	21
Ordnance Survey Plan	1:10,000	1982	22
Havant	1:25,000	1983	23
Portsmouth	1:10,000	1988	24
Ordnance Survey Plan	1:10,000	1990 - 1992	25
10K Raster Mapping	1:10,000	2000	26
10K Raster Mapping	1:10,000	2006	27
VectorMap Local	1:10,000	2019	28

Historical Map - Slice A



Order Details

Order Number: 218775985_1_1
 Customer Ref: 17877
 National Grid Reference: 470560, 106140
 Slice: A
 Site Area (Ha): 7.12
 Search Buffer (m): 1000

Site Details

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Russian Military Mapping Legends

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



243.8 Values for prominent elevations

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

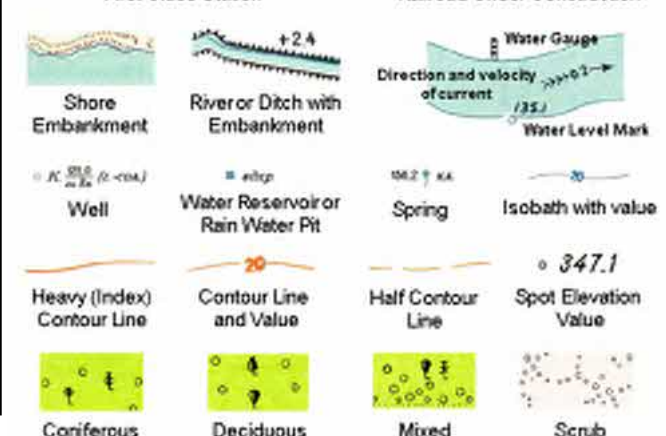
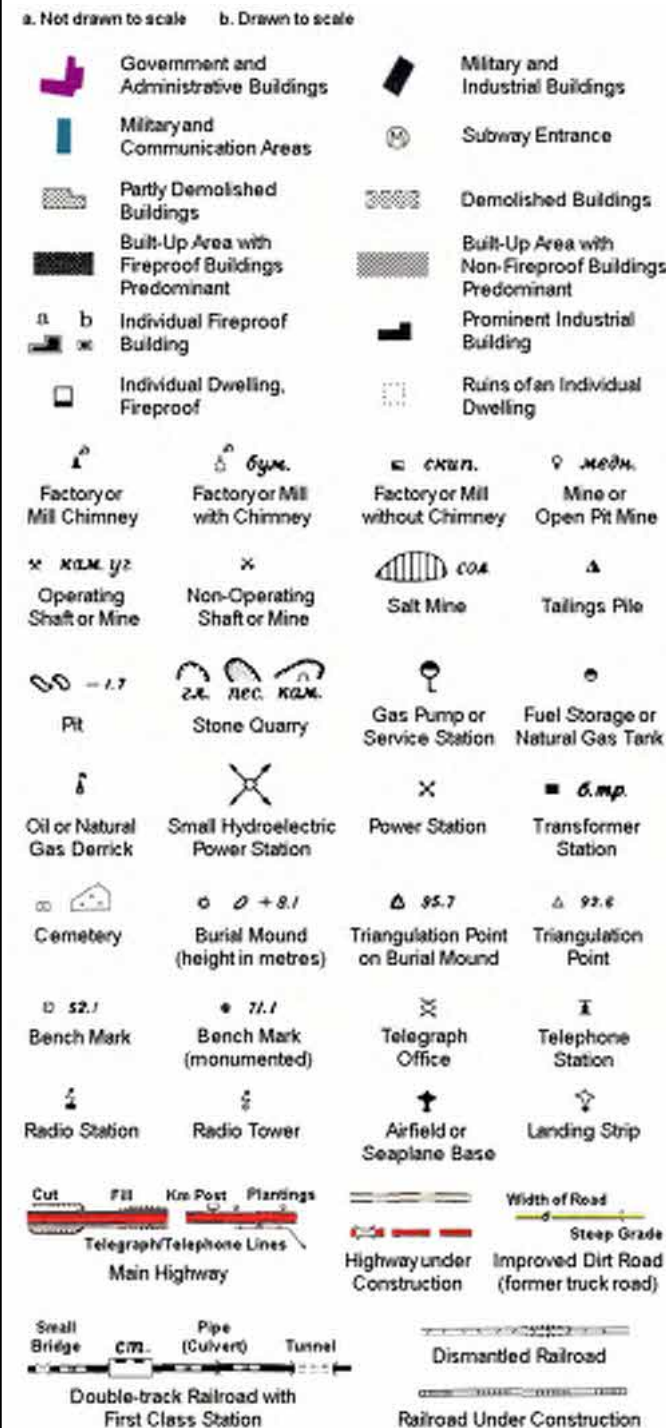
0.2 Velocity of the current, width of river bed, depth of river

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

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

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

1:25,000 mapping



Key to Numbers on Mapping

SU70_Havant

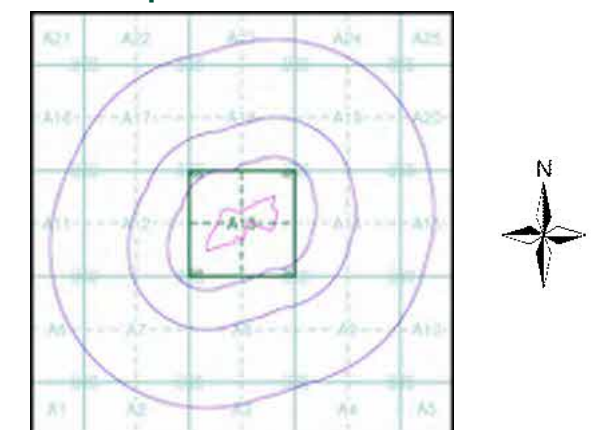
No.	Description
7	Factory (Chemicals)
16	Sewage Works
17	Sewage Works



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1870	3
Sussex	1:10,560	1879 - 1880	4
Hampshire & Isle Of Wight	1:10,560	1898	5
Sussex	1:10,560	1899	6
Hampshire & Isle Of Wight	1:10,560	1909 - 1910	7
Sussex	1:10,560	1914	8
Sussex	1:10,560	1914	9
Sussex	1:10,560	1914	10
Hampshire & Isle Of Wight	1:10,560	1932	11
Sussex	1:10,560	1932	12
Sussex	1:10,560	1932	13
Hampshire & Isle Of Wight	1:10,560	1932	14
Sussex	1:10,560	1932	15
Hampshire & Isle Of Wight	1:10,560	1933	16
Hampshire & Isle Of Wight	1:10,560	1933	17
Hampshire & Isle Of Wight	1:10,560	1938 - 1942	18
Ordnance Survey Plan	1:10,000	1962 - 1963	19
Ordnance Survey Plan	1:10,000	1966	20
Ordnance Survey Plan	1:10,000	1972 - 1975	21
Ordnance Survey Plan	1:10,000	1982	22
Havant	1:25,000	1983	23
Portsmouth	1:10,000	1988	24
Ordnance Survey Plan	1:10,000	1990 - 1992	25
10K Raster Mapping	1:10,000	2000	26
10K Raster Mapping	1:10,000	2006	27
VectorMap Local	1:10,000	2019	28

Russian Map - Slice A



Order Details

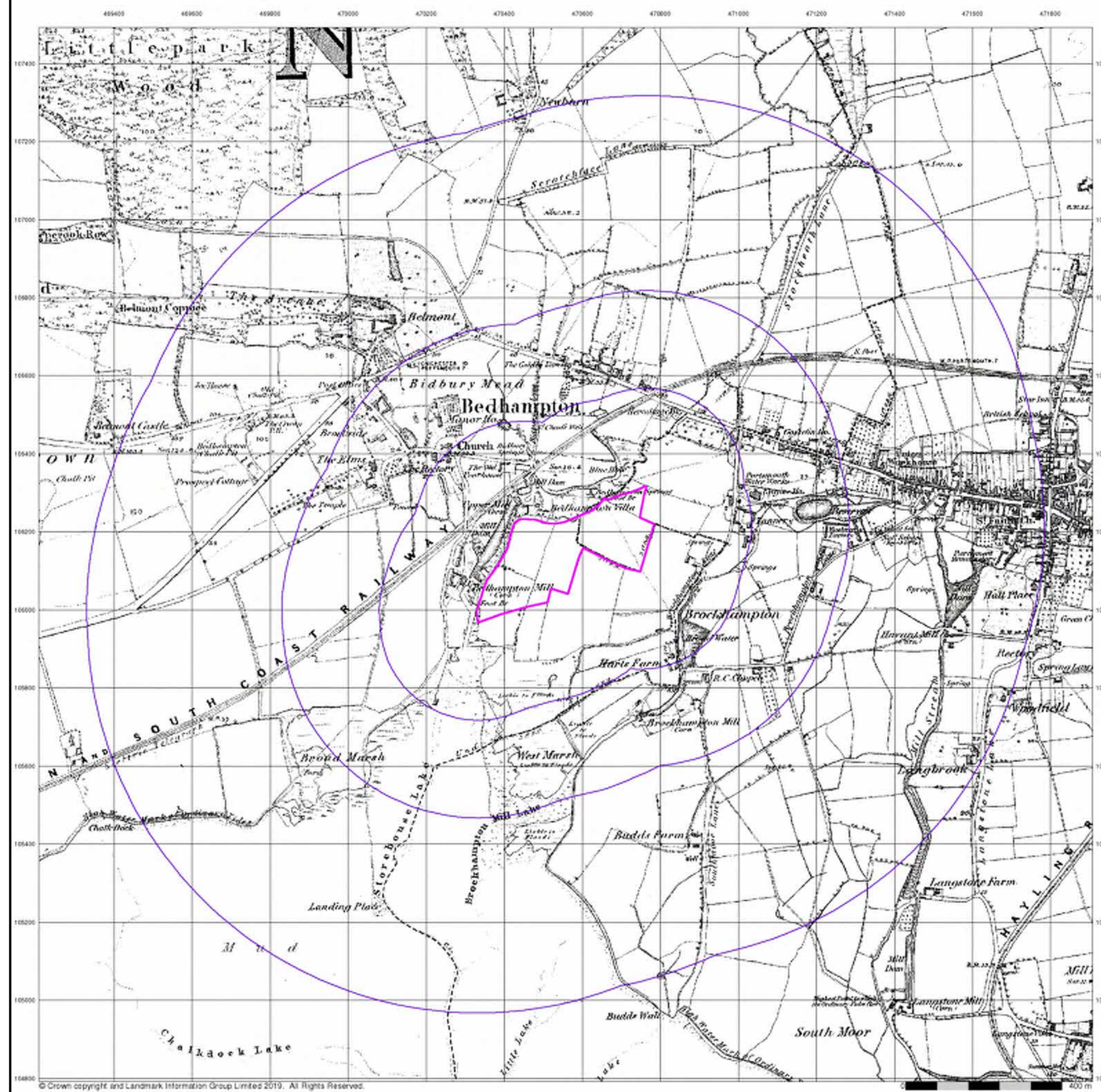
Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

Site Details

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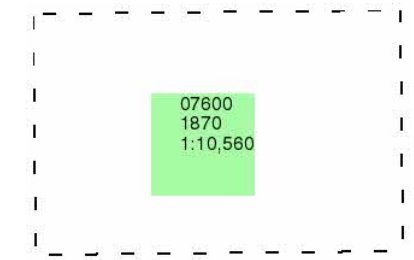
Hampshire & Isle Of Wight

Published 1870

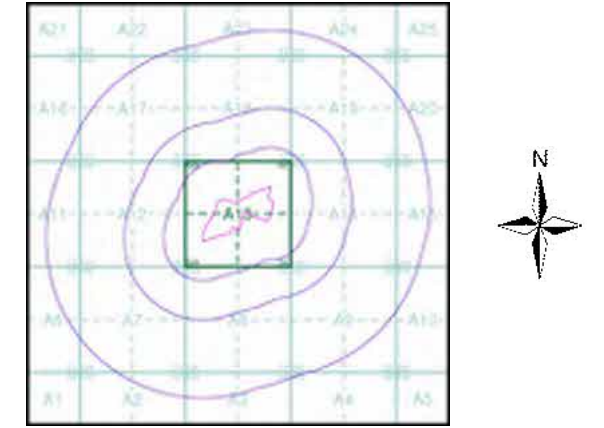
Source map scale - 1:10,560

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

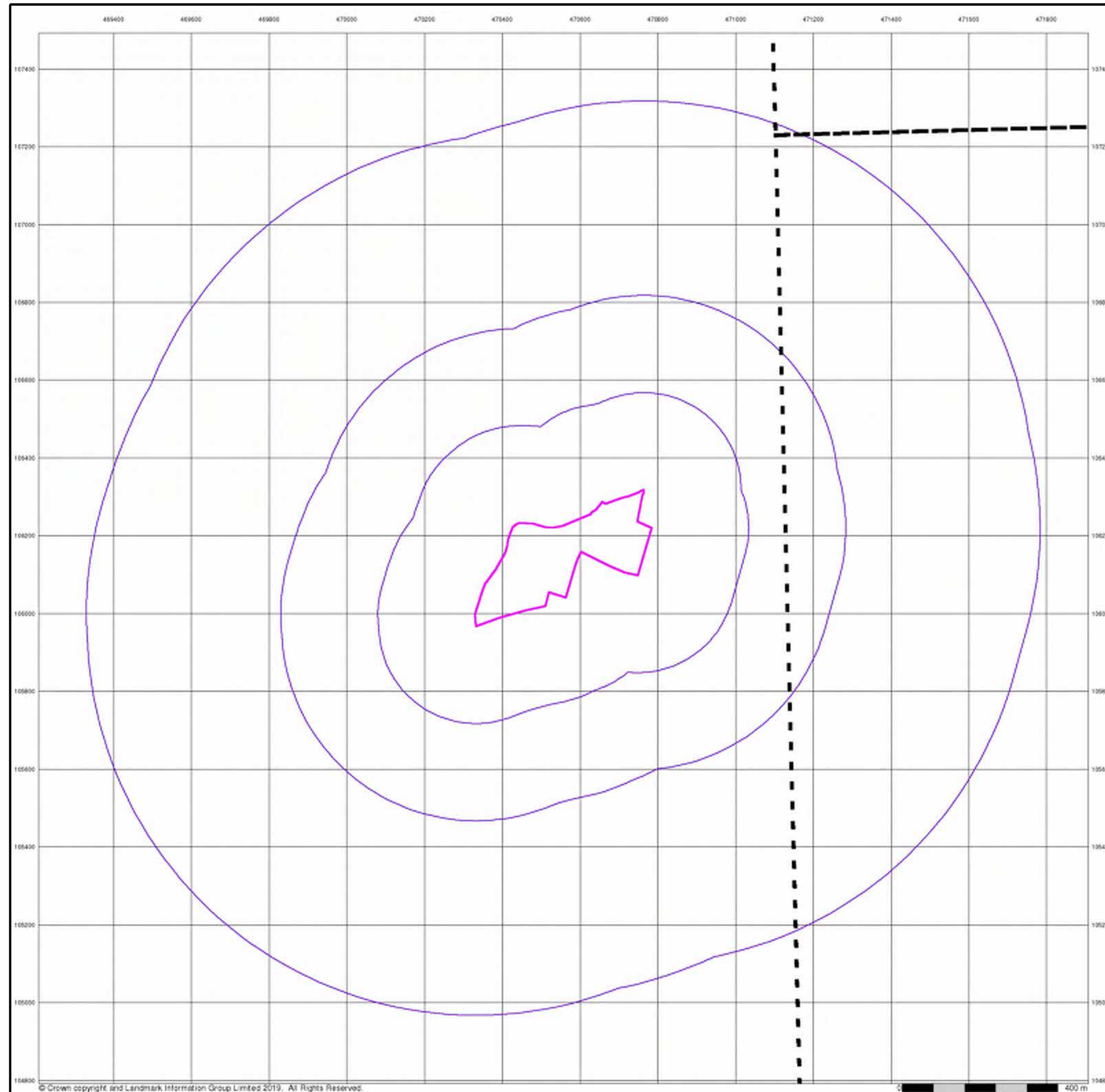
Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

Site Details

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Sussex

Published 1879 - 1880

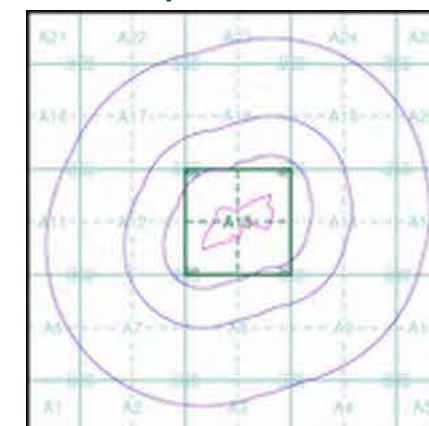
Source map scale - 1:10,560

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)

	04700 1880 1:10,560
	06000 1879 1:10,560

Historical Map - Slice A



Order Details

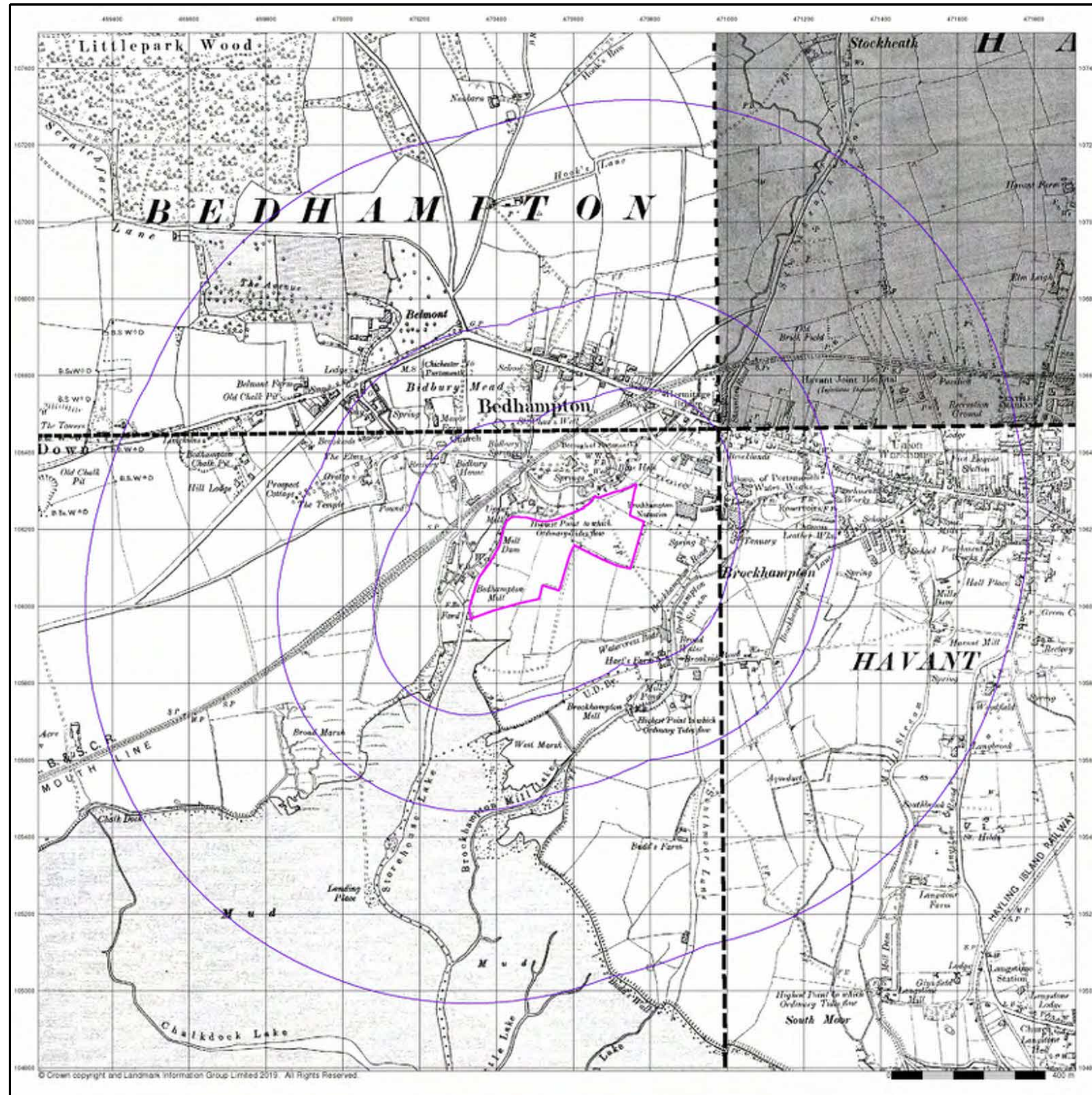
Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
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Hampshire & Isle Of Wight

Published 1898

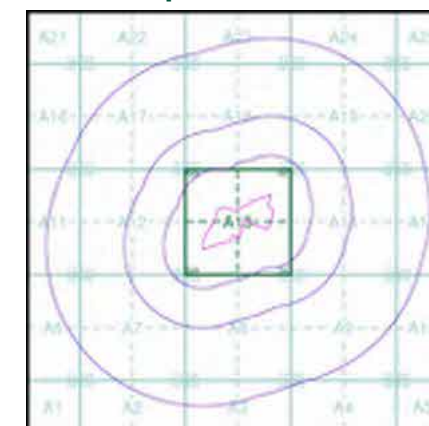
Source map scale - 1:10,560

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)

076NW 1898 1:10,560	076NE 1898 1:10,560
076SW 1898 1:10,560	076SE 1898 1:10,560

Historical Map - Slice A



Order Details

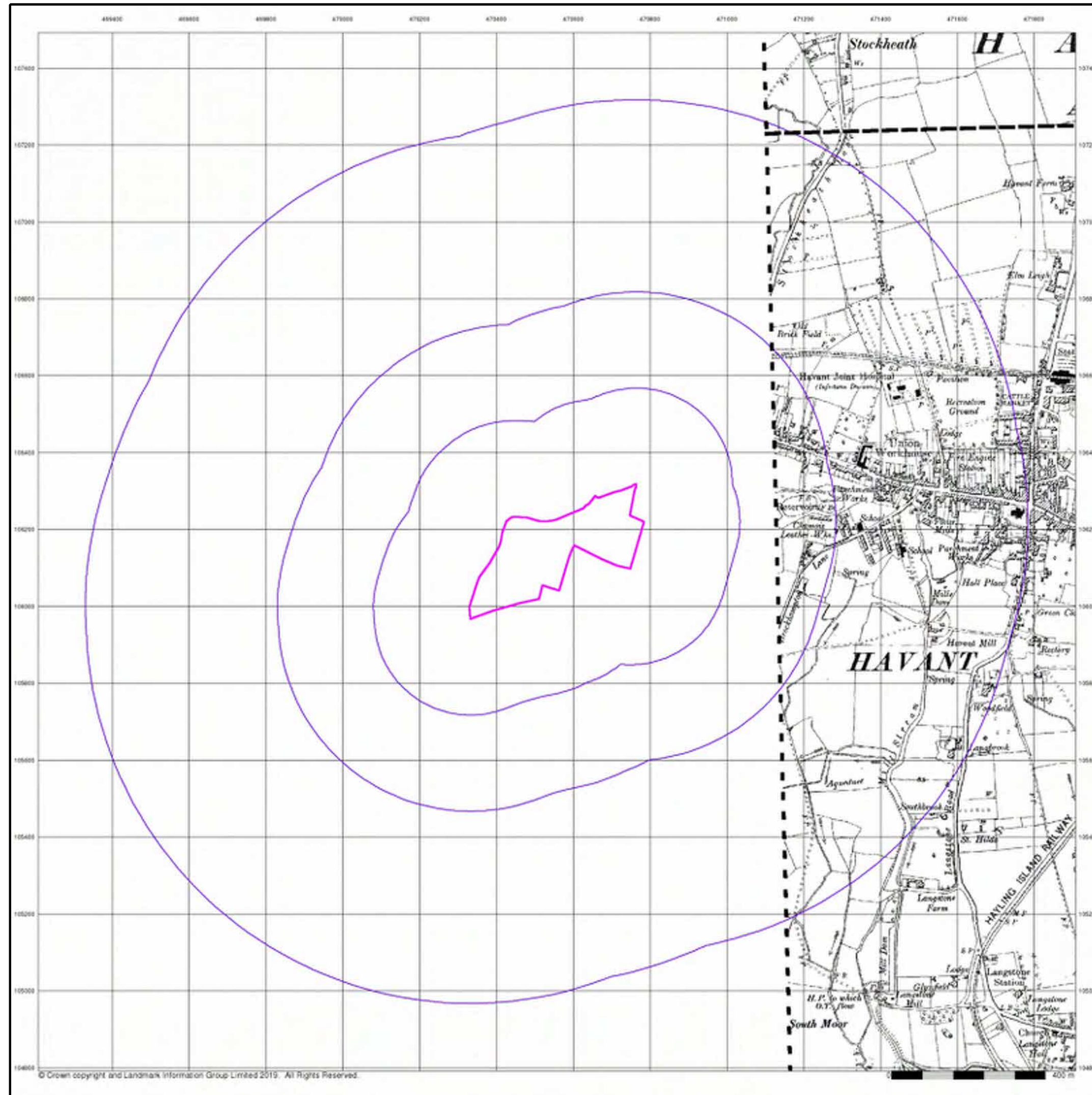
Order Number: 218775985_1_1
 Customer Ref: 17877
 National Grid Reference: 470560, 106140
 Slice: A
 Site Area (Ha): 7.12
 Search Buffer (m): 1000

Site Details

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Sussex

Published 1899

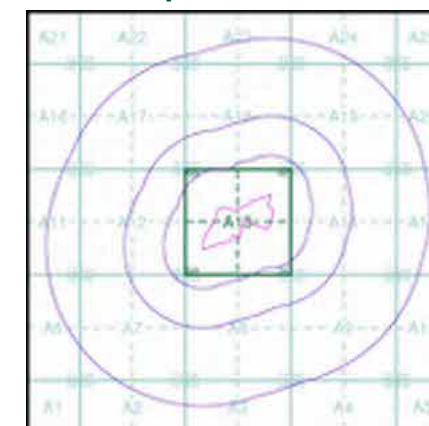
Source map scale - 1:10,560

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)

047SW
1899
1:10,560
060NW
1899
1:10,560

Historical Map - Slice A



Order Details

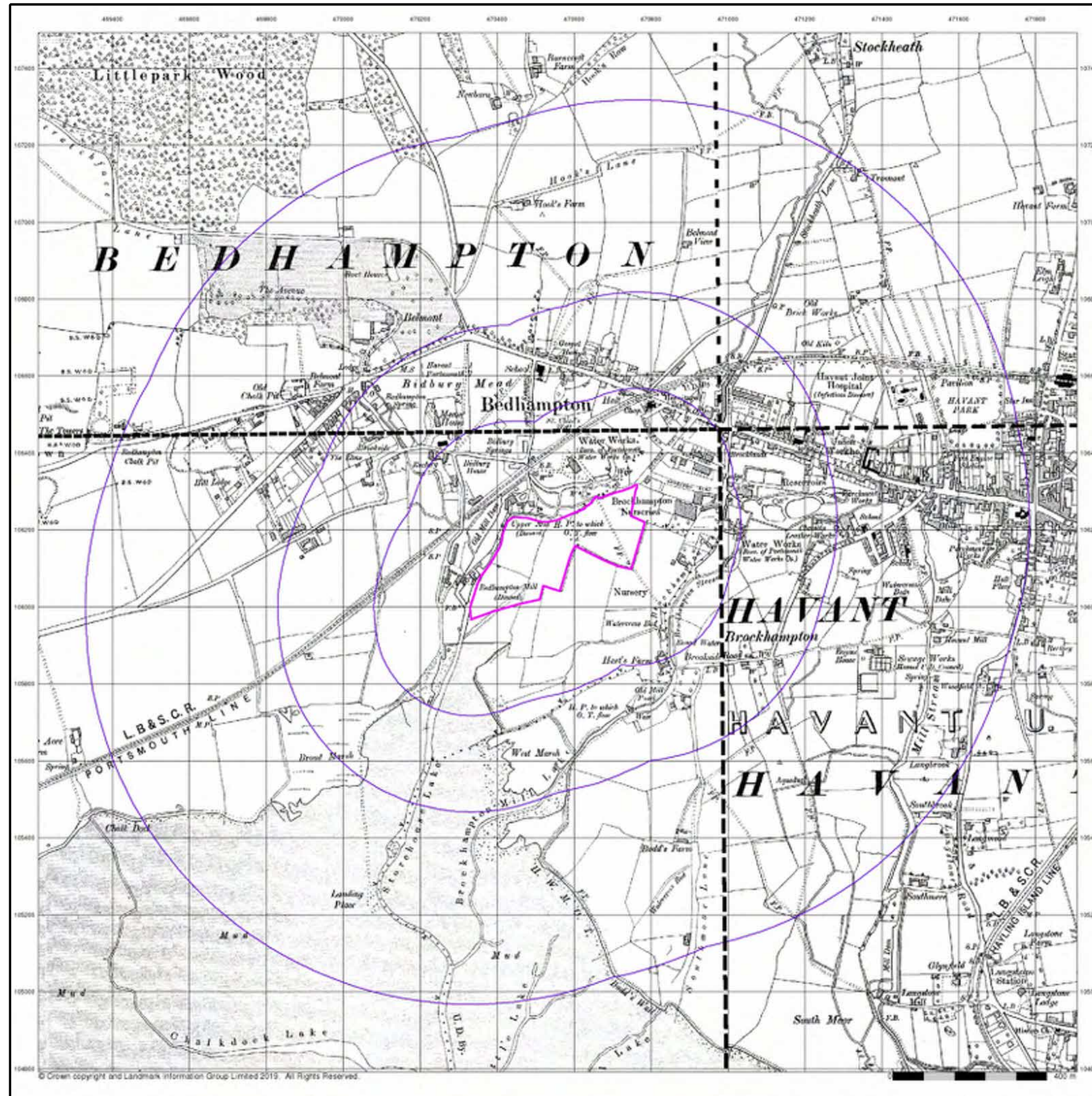
Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
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Hampshire & Isle Of Wight

Published 1909 - 1910

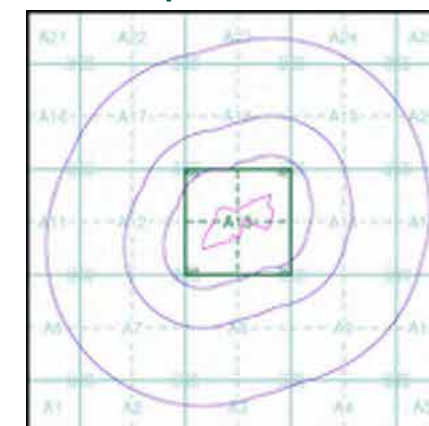
Source map scale - 1:10,560

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)

076NW 1909 1:10,560	076NE 1910 1:10,560
076SW 1910 1:10,560	076SE 1910 1:10,560

Historical Map - Slice A



Order Details

Order Number: 218775985_1_1
 Customer Ref: 17877
 National Grid Reference: 470560, 106140
 Slice: A
 Site Area (Ha): 7.12
 Search Buffer (m): 1000

Site Details

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Sussex

Published 1914

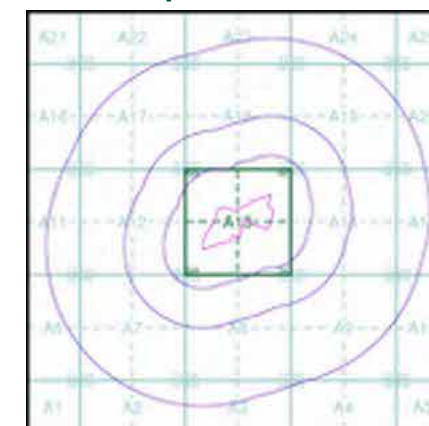
Source map scale - 1:10,560

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)

047SW
1914
1:10,560
060NW
1914
1:10,560

Historical Map - Slice A



Order Details

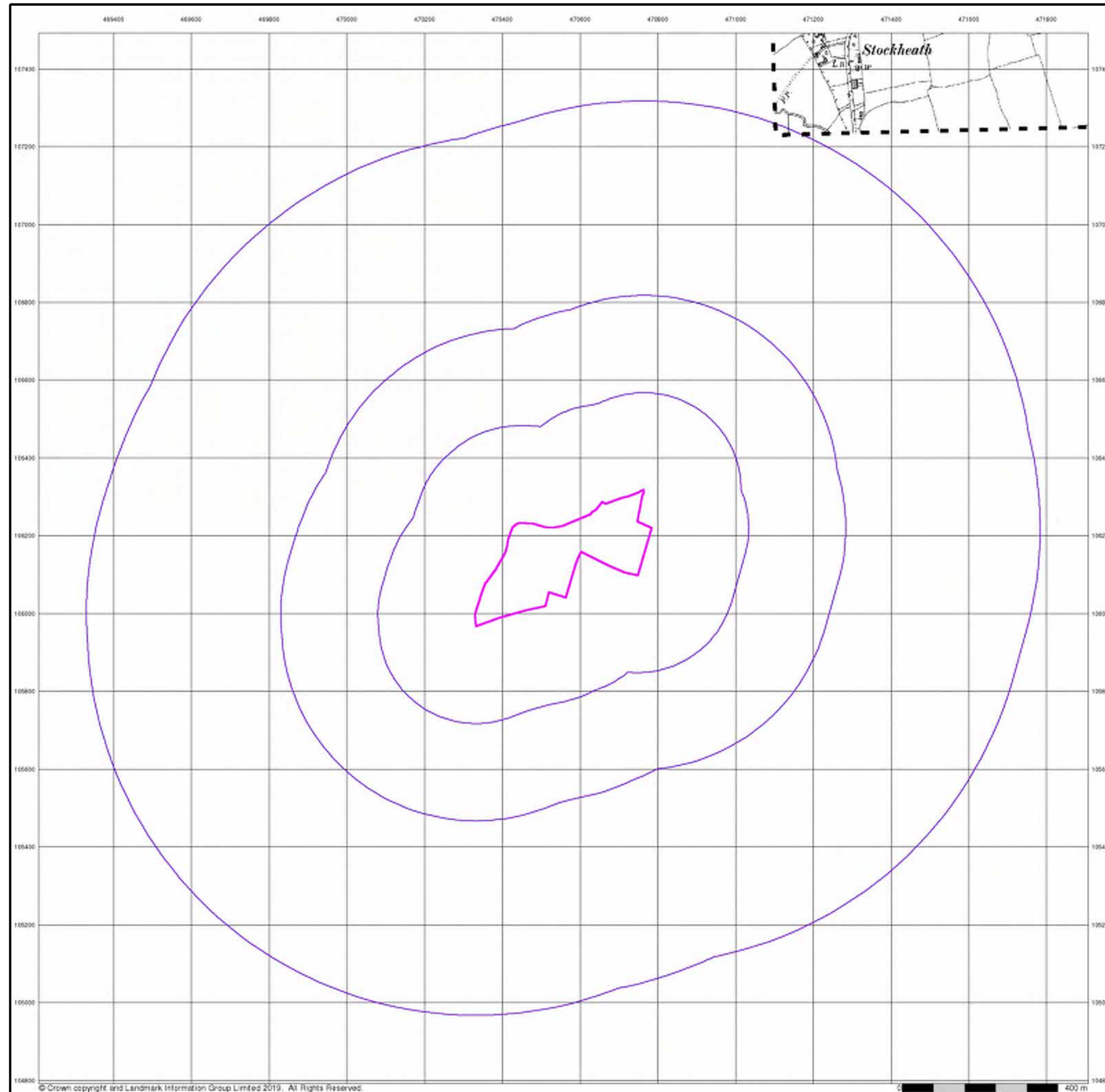
Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
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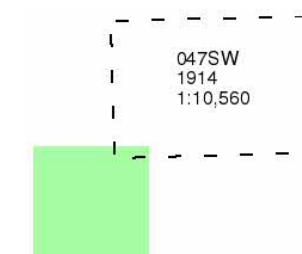
Sussex

Published 1914

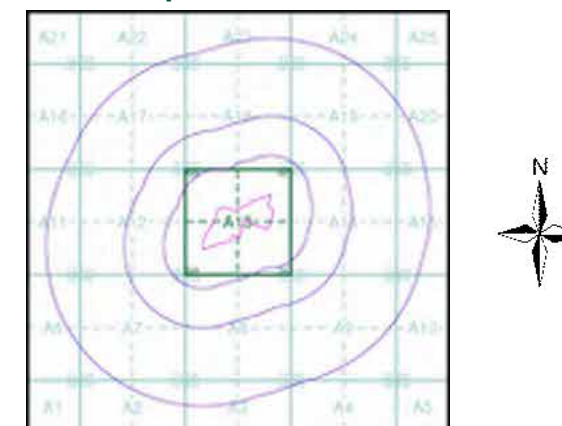
Source map scale - 1:10,560

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

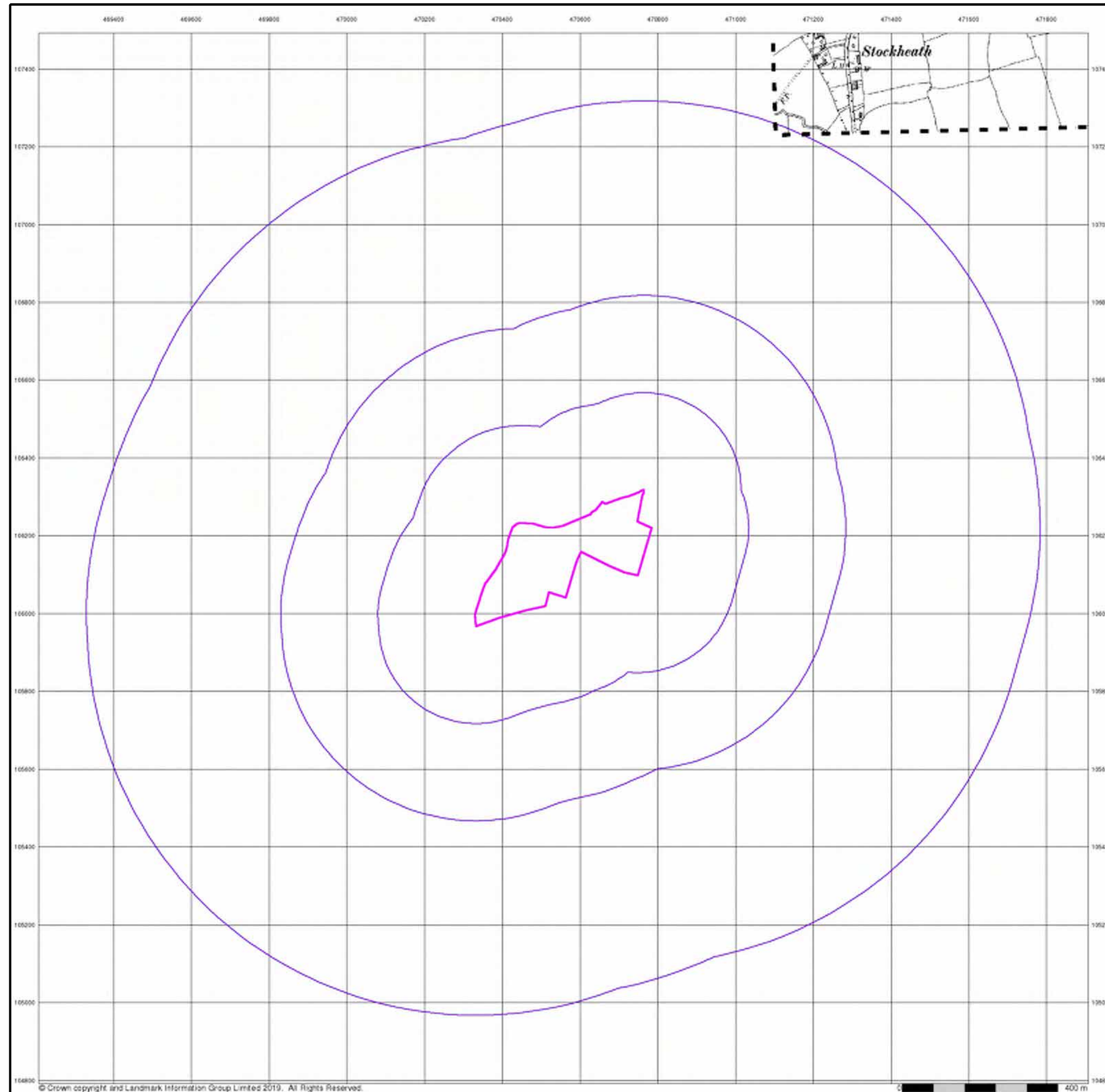
Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ



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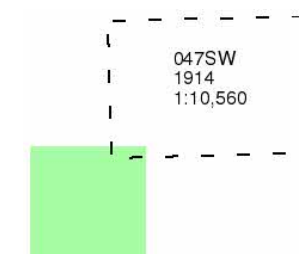
Sussex

Published 1914

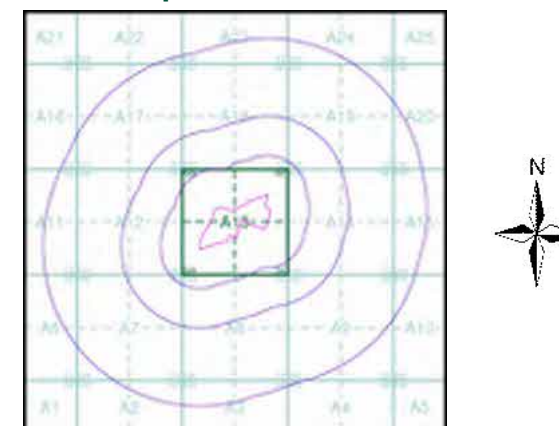
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

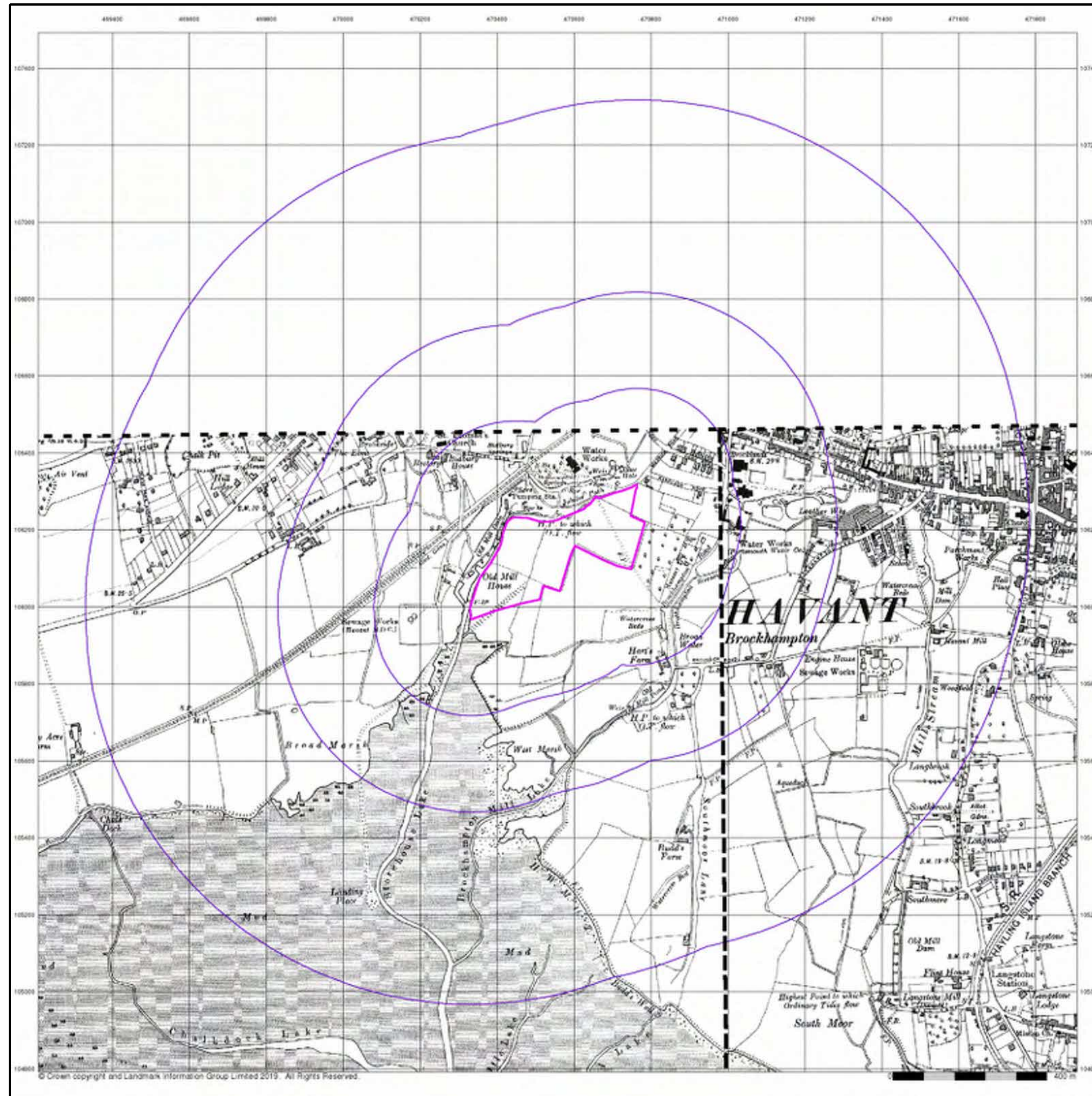
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Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

Site Details

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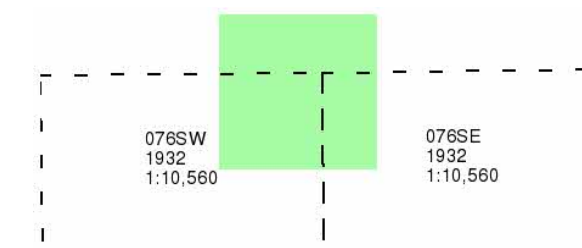
Hampshire & Isle Of Wight

Published 1932

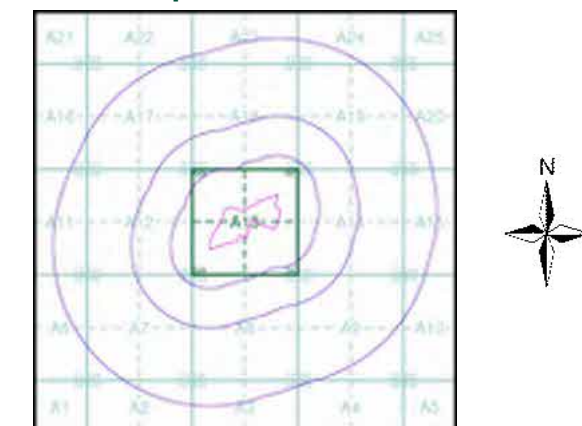
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Map Name(s) and Date(s)



Historical Map - Slice A

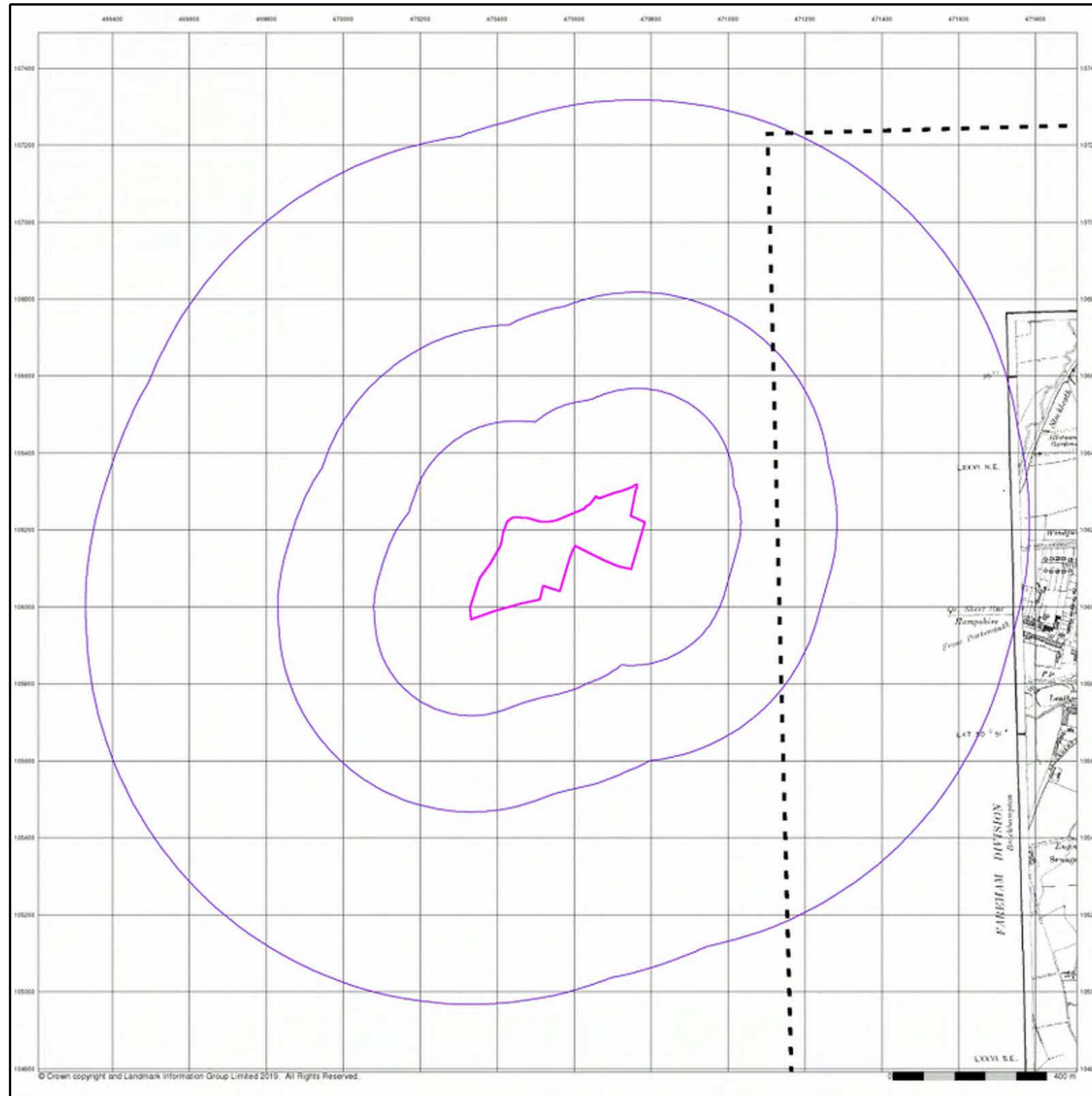


Order Details

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Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ



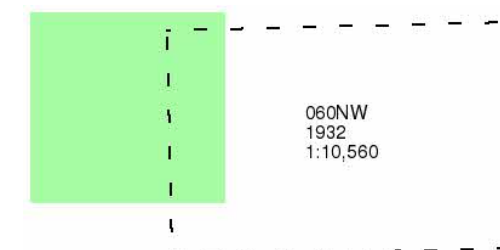
Sussex

Published 1932

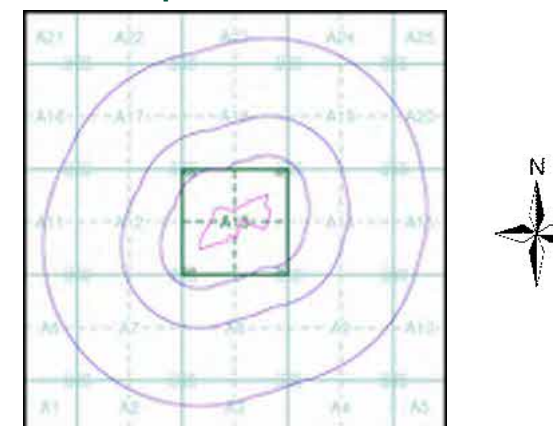
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

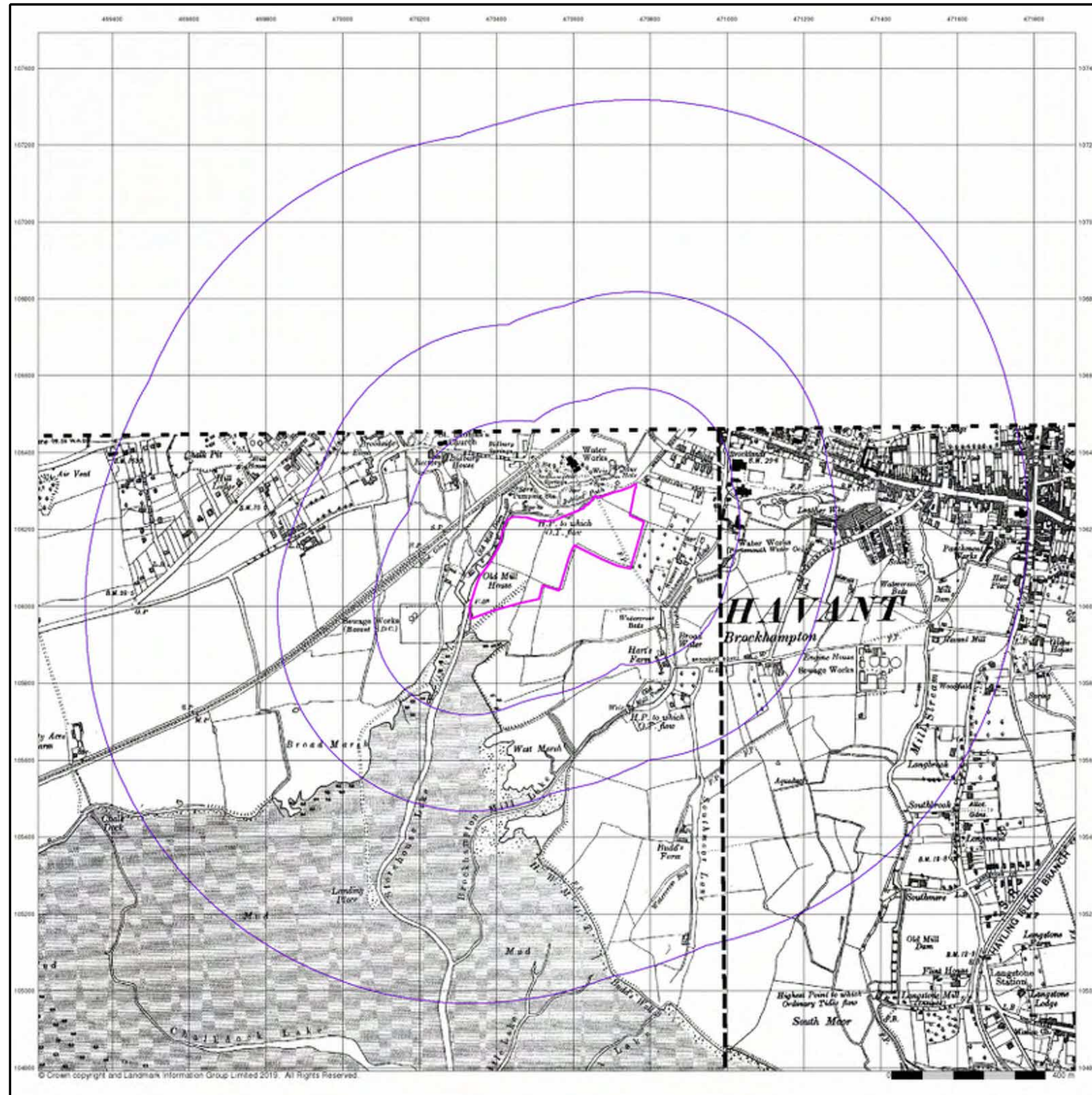
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Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

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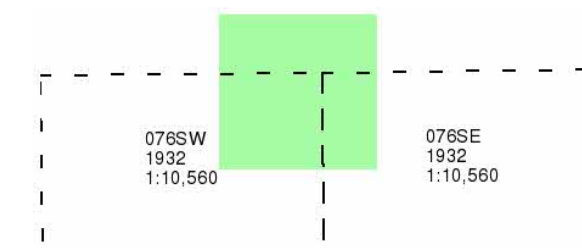
Hampshire & Isle Of Wight

Published 1932

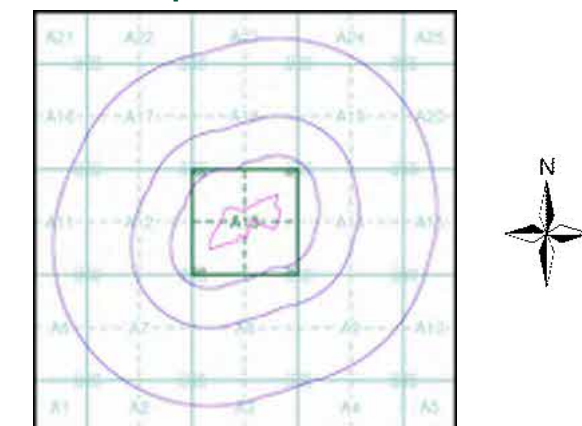
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

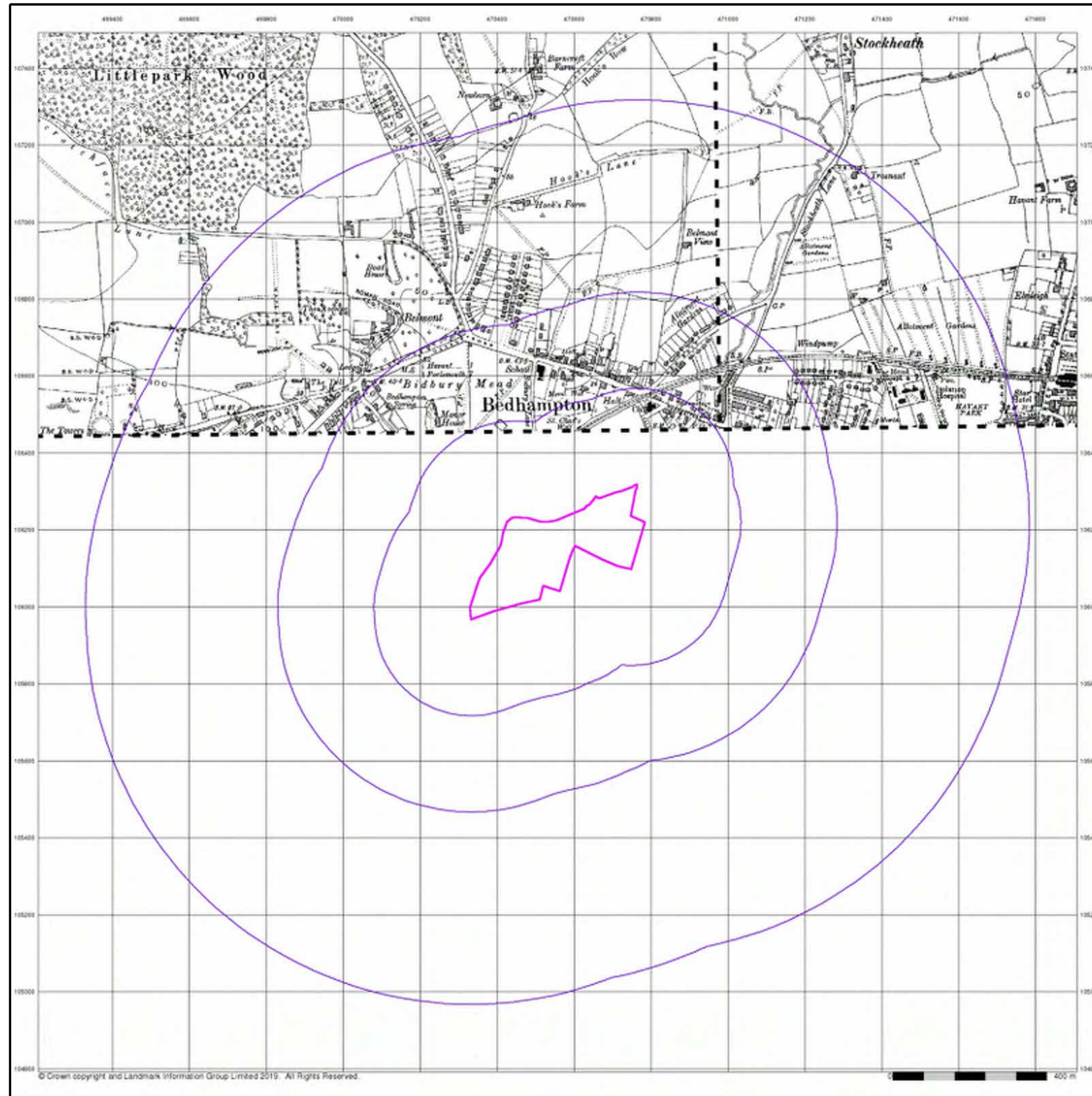
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Search Buffer (m): 1000

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Hampshire & Isle Of Wight

Published 1933

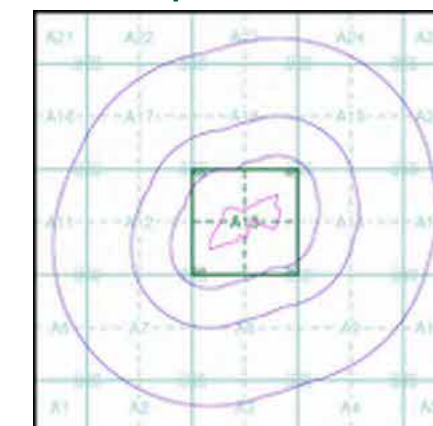
Source map scale - 1:10,560

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)

076NW 1933 1:10,560	076NE 1933 1:10,560
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Historical Map - Slice A



Order Details

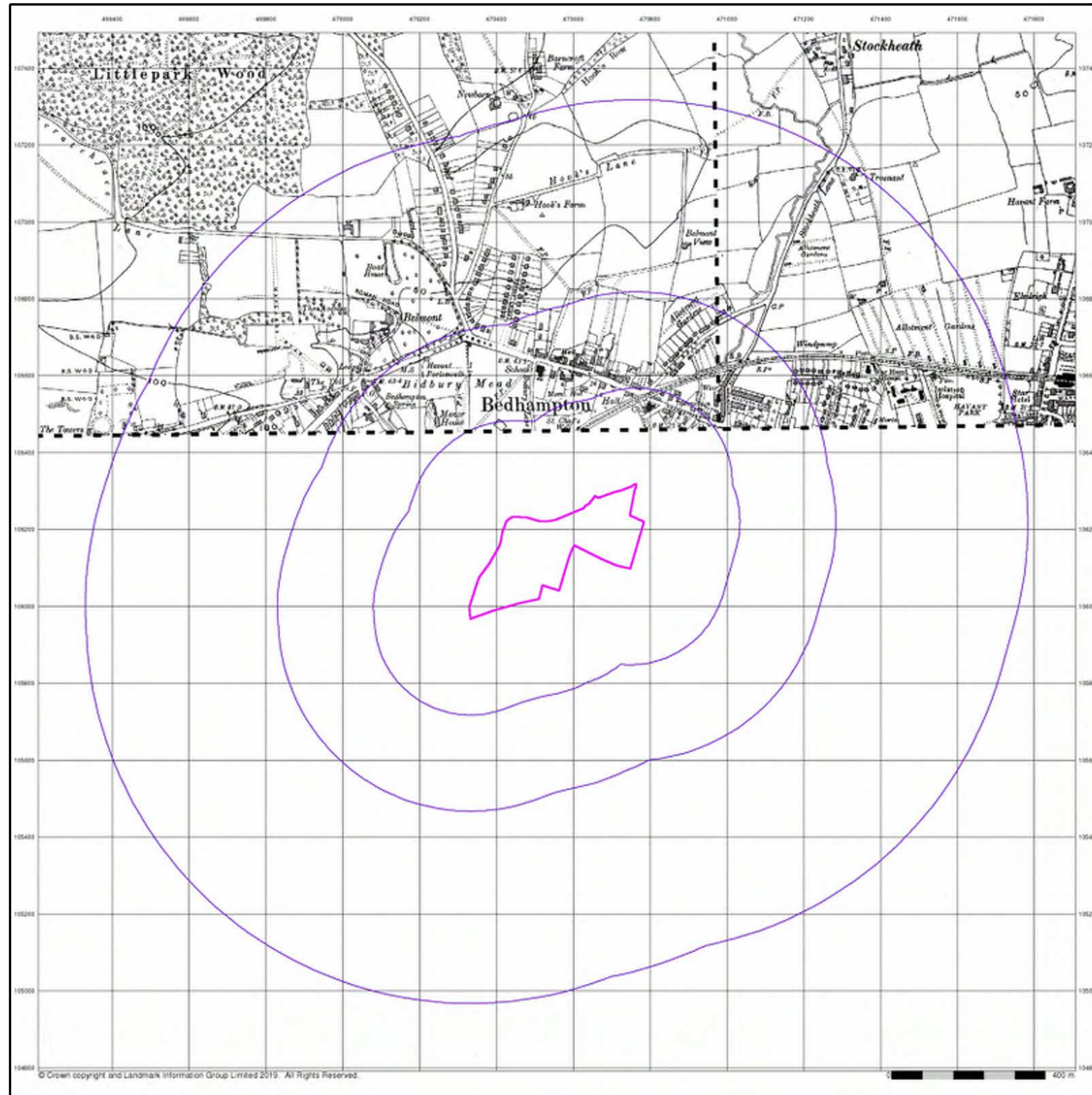
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Search Buffer (m): 1000

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Hampshire & Isle Of Wight

Published 1933

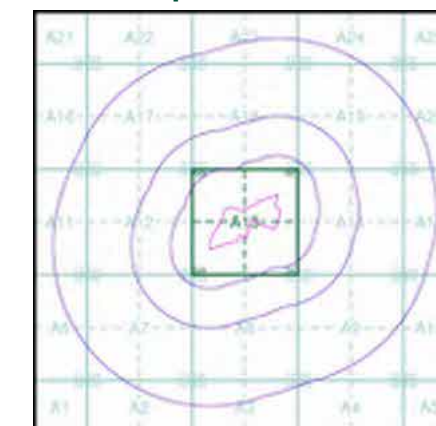
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Map Name(s) and Date(s)

076NW 1933 1:10,560	076NE 1933 1:10,560
---------------------------	---------------------------

Historical Map - Slice A



Order Details

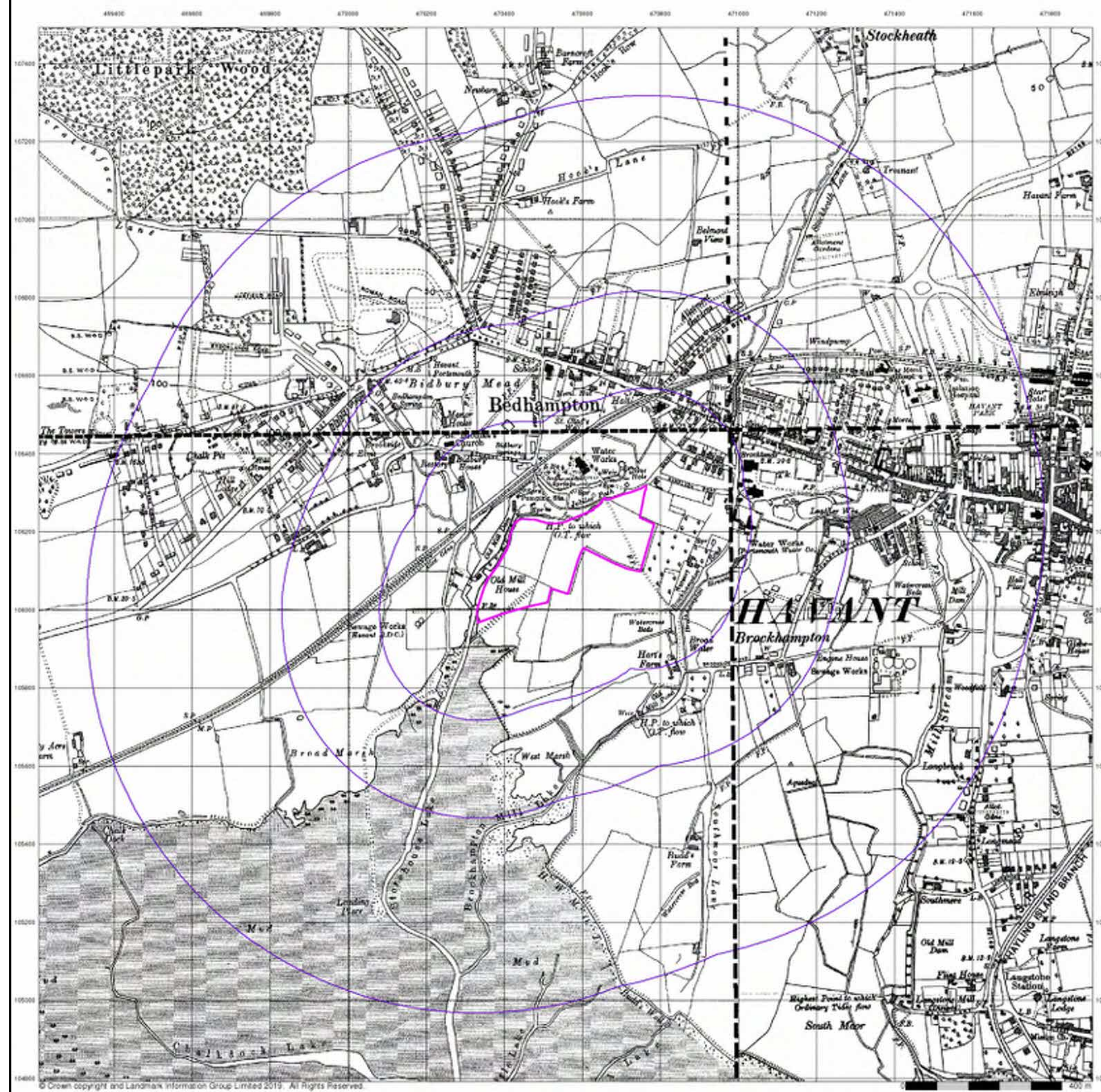
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Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

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Hampshire & Isle Of Wight

Published 1938 - 1942

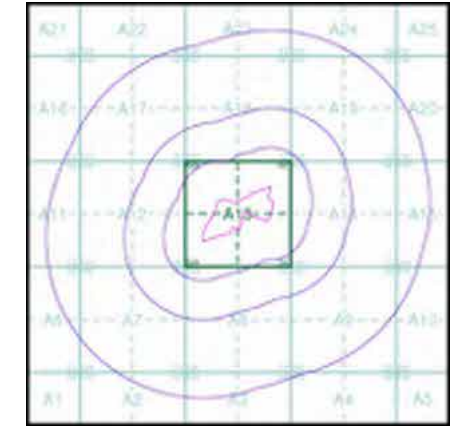
Source map scale - 1:10,560

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)

076NW 1938 1:10,560	076NE 1938 1:10,560
076SW 1938 1:10,560	076SE 1942 1:10,560

Historical Map - Slice A



Order Details

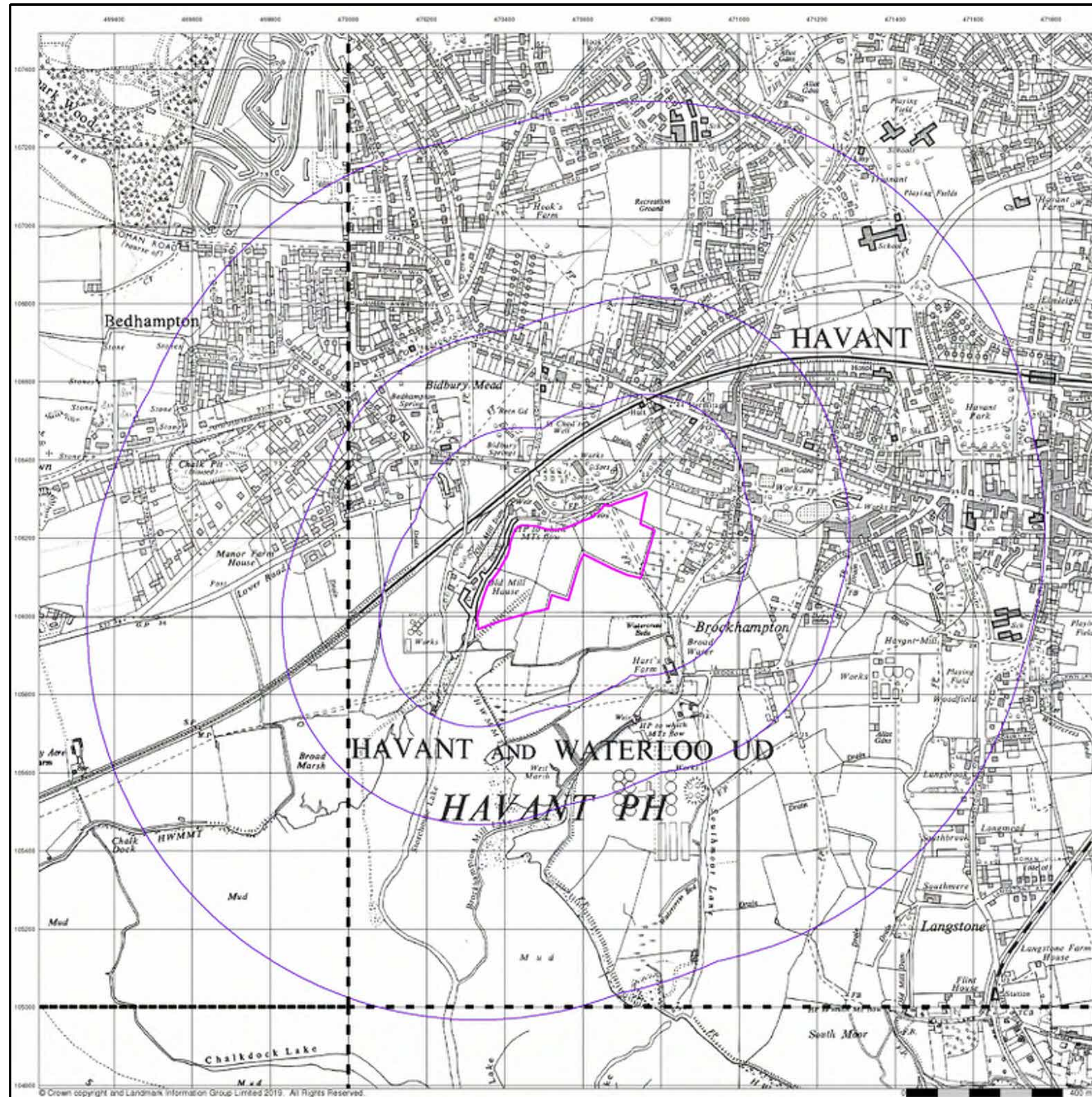
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Site Area (Ha): 7.12
Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1962 - 1963

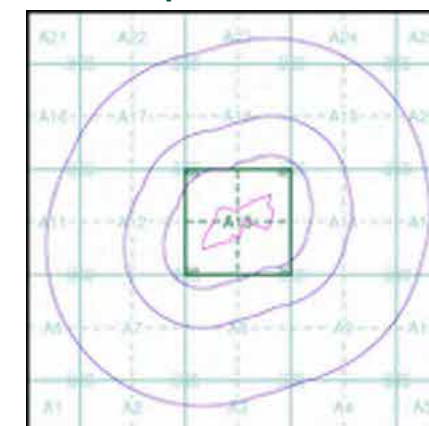
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)

SU60NE	SU70NW
1963	1963
1:10,560	1:10,560
SU60SE	SU70SW
1963	1962
1:10,560	1:10,560

Historical Map - Slice A



Order Details

Order Number: 218775985_1_1
 Customer Ref: 17877
 National Grid Reference: 470560, 106140
 Slice: A
 Site Area (Ha): 7.12
 Search Buffer (m): 1000

Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ



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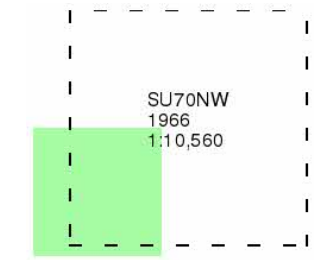
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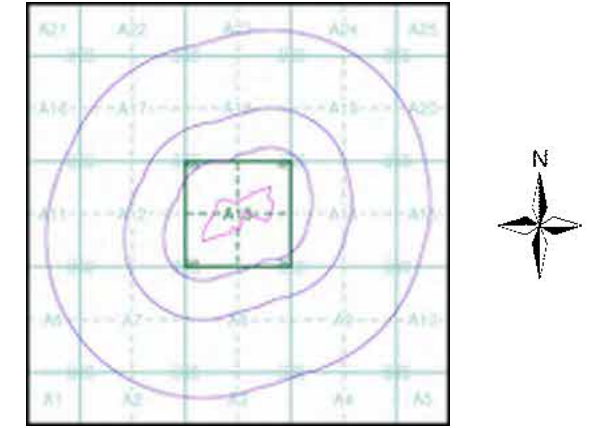
Ordnance Survey Plan
Published 1966
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

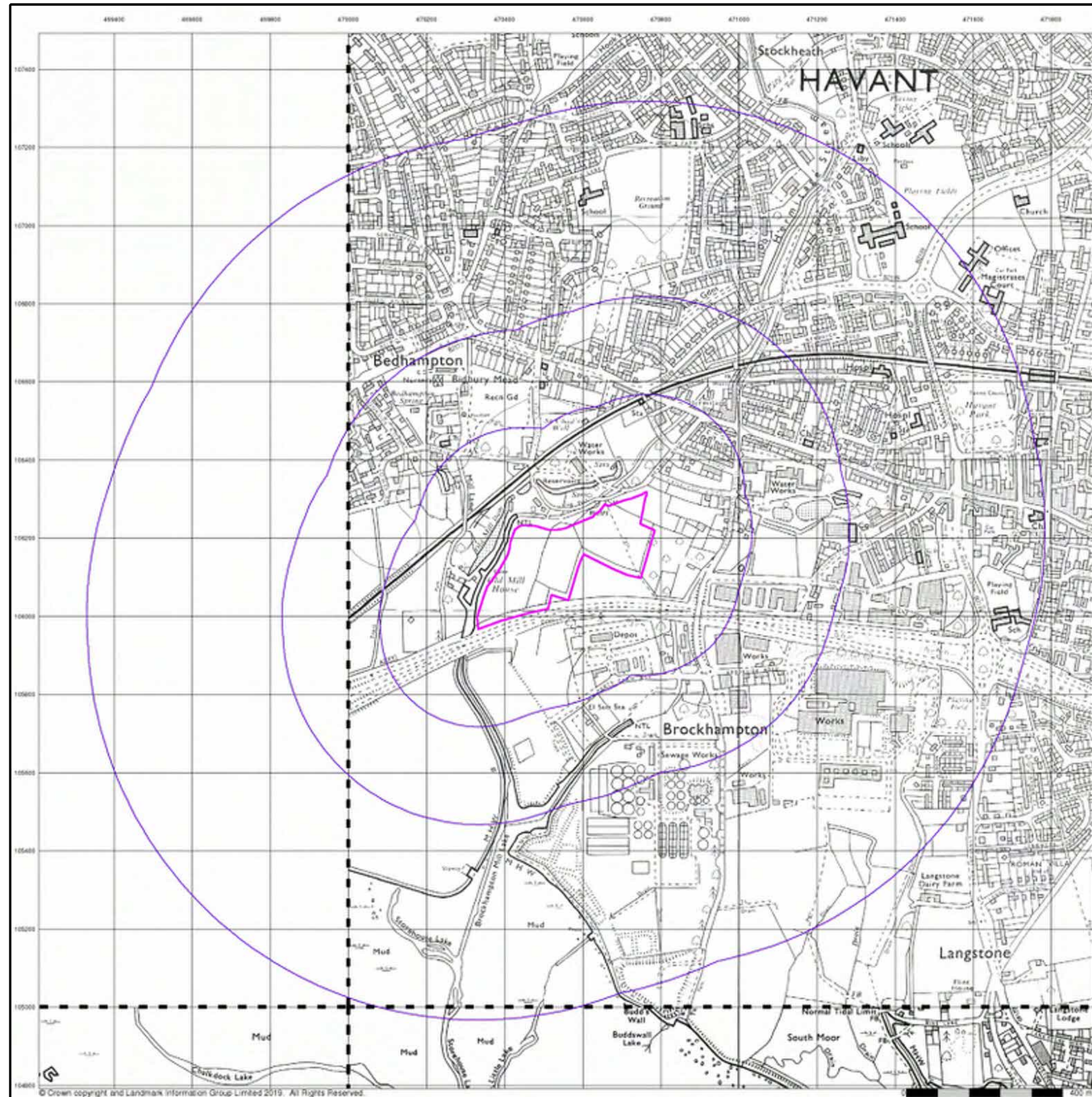
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Ordnance Survey Plan

Published 1972 - 1975

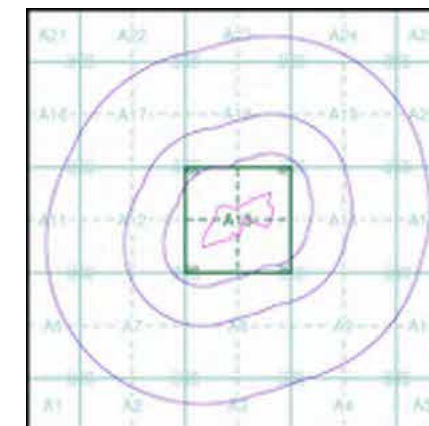
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)

SU70NW	1975	1:10,000
SU60SE	1973	1:10,000
SU70SW	1972	1:10,000

Historical Map - Slice A



Order Details

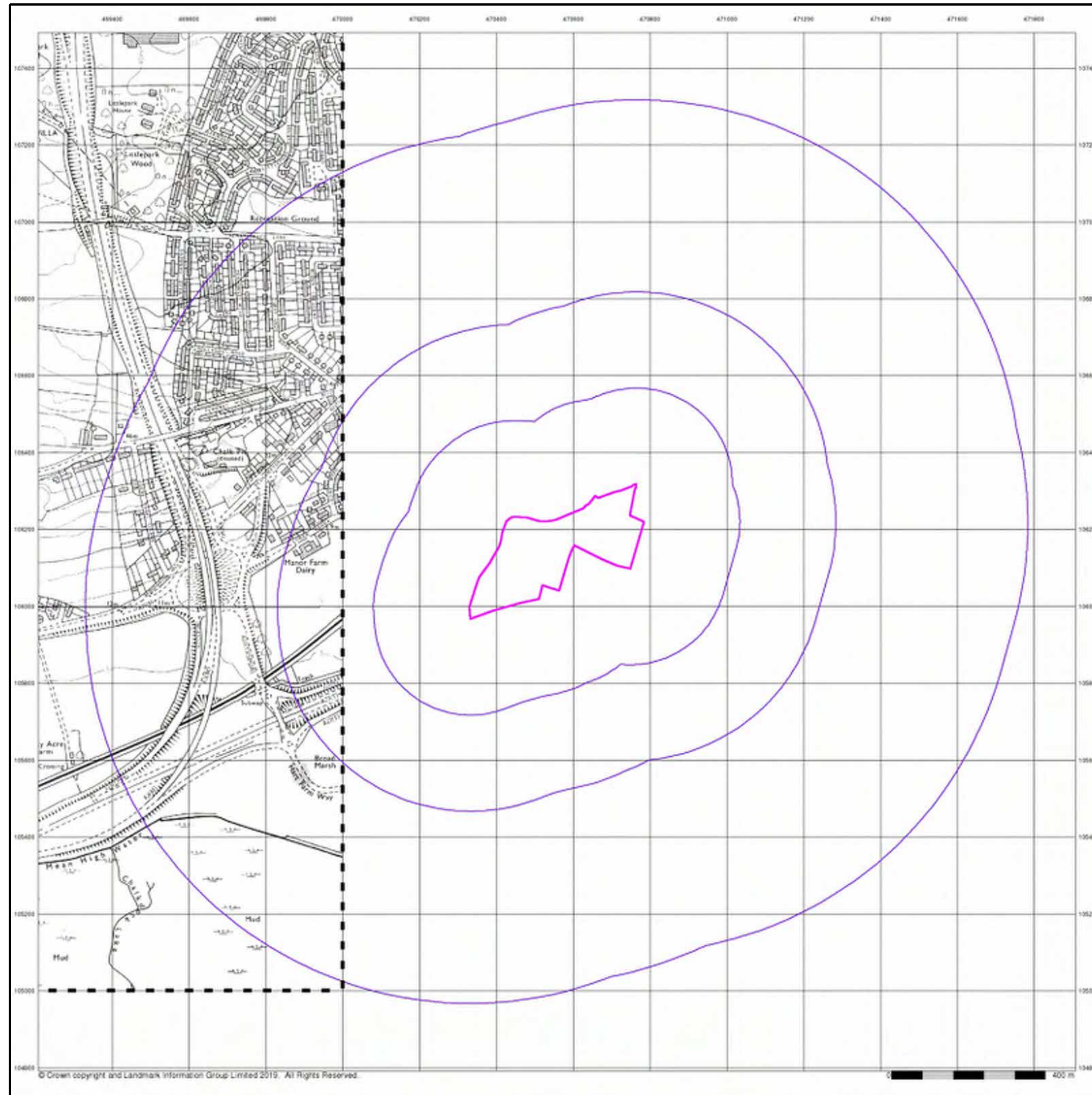
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Site Details

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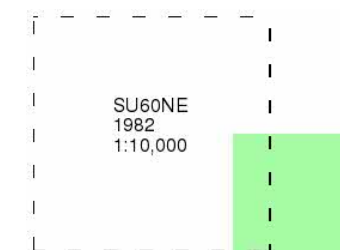
Ordnance Survey Plan

Published 1982

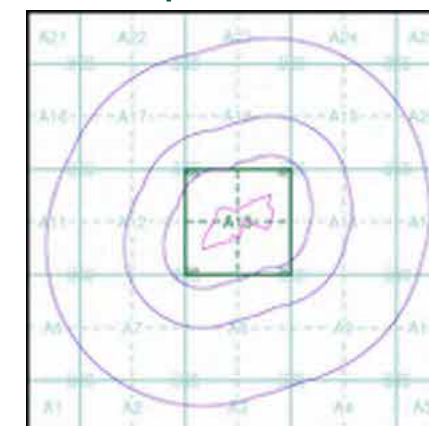
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

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Havant

Published 1983

Source map scale - 1:25,000

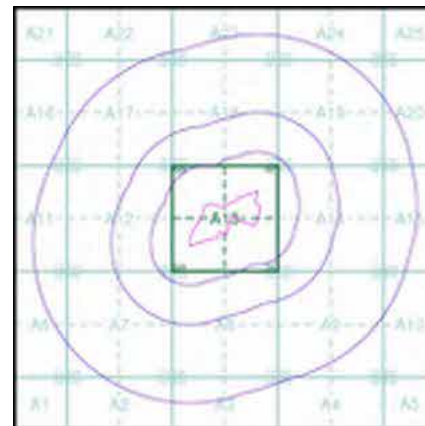
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

SU80 1983 1:25,000	SU70 1983 1:25,000
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Russian Map - Slice A



Order Details

Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

Site Details

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Portsmouth

Published 1988

Source map scale - 1:10,000

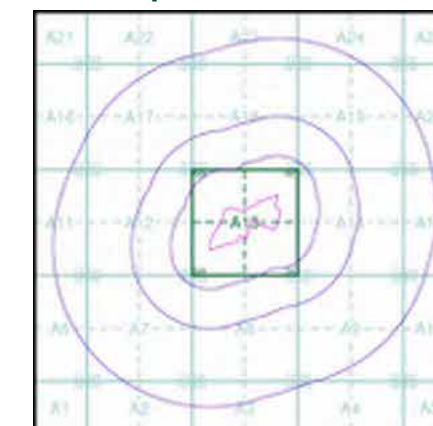
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

SU60NE 1988 1:10,000	SU70NW 1988 1:10,000
SU60SE 1988 1:10,000	SU70SW 1988 1:10,000

Russian Map - Slice A



Order Details

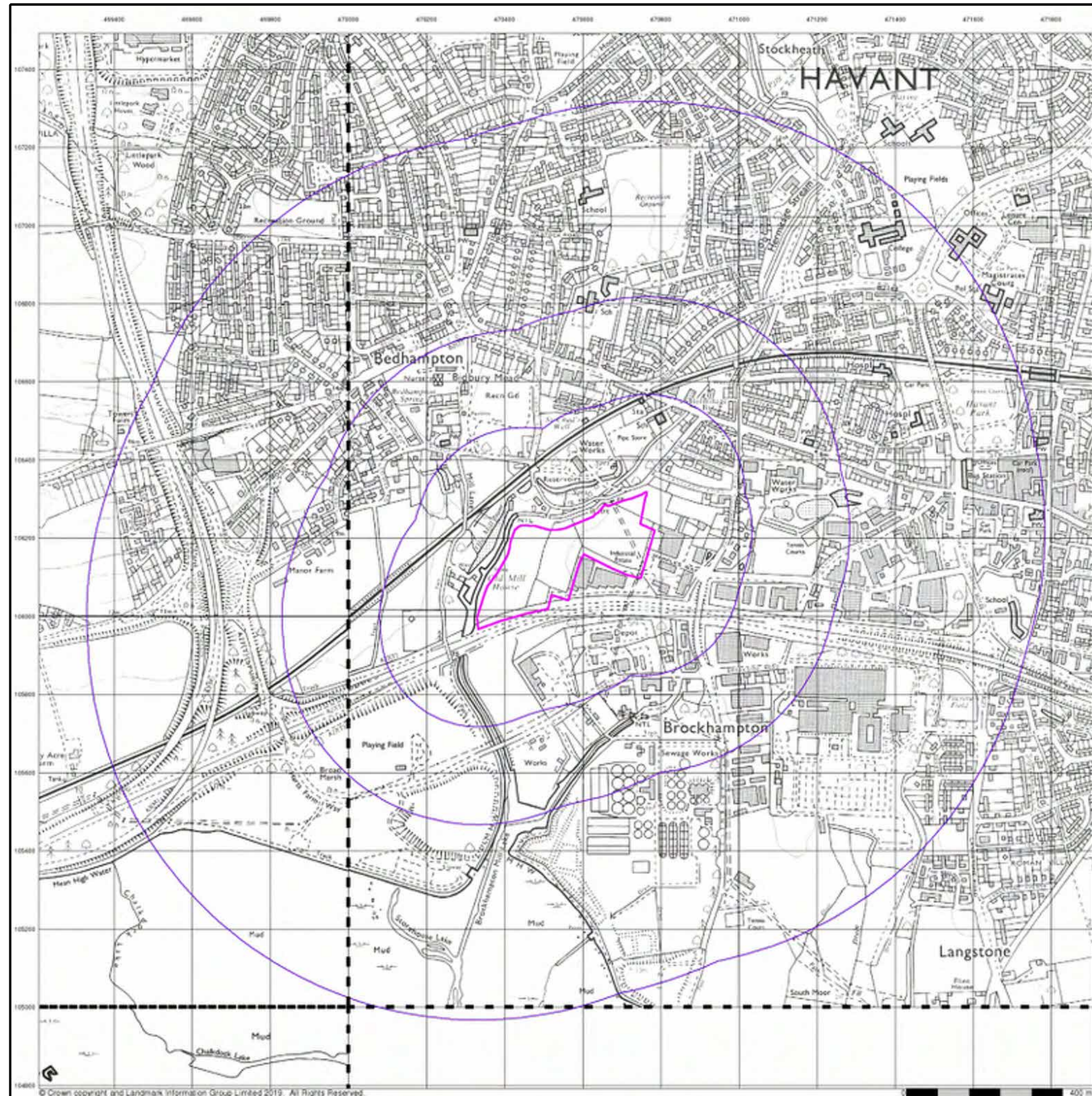
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Customer Ref: 17877
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Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1990 - 1992

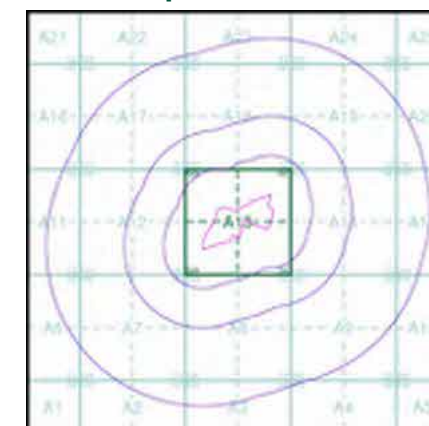
Source map scale - 1:10,000

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)

SU60NE	SU70NW
1991	1992
1:10,000	1:10,000
SU60SE	
1990	
1:10,000	

Historical Map - Slice A



Order Details

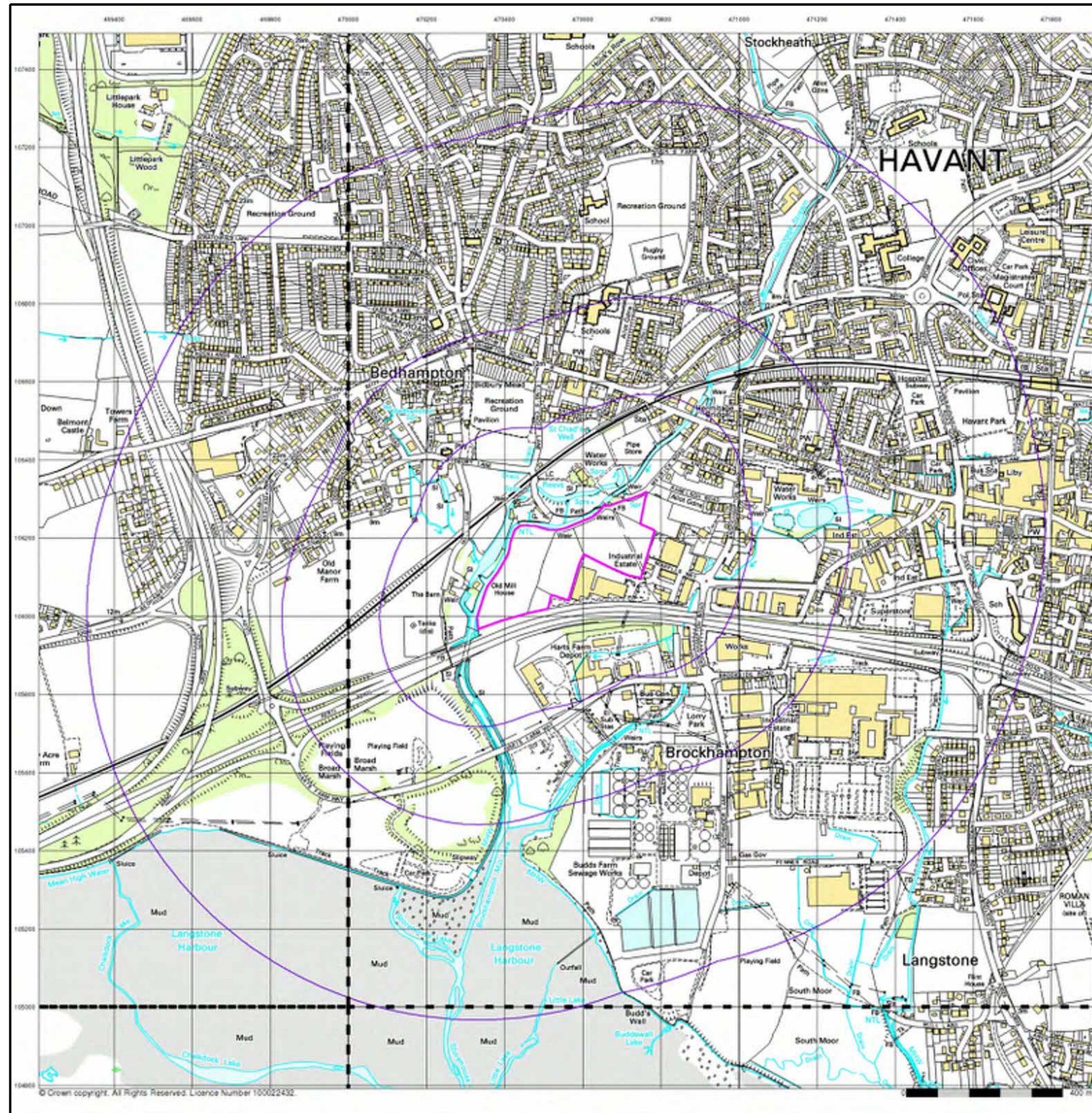
Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ



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



10k Raster Mapping

Published 2000

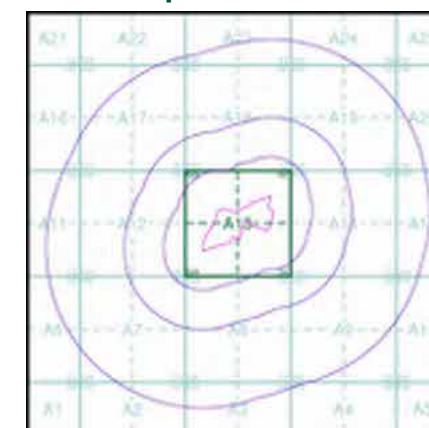
Source map scale - 1:10,000

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)

SU60NE 2000 1:10,000	SU70NW 2000 1:10,000
SU60SE 2000 1:10,000	SU70SW 2000 1:10,000

Historical Map - Slice A



Order Details

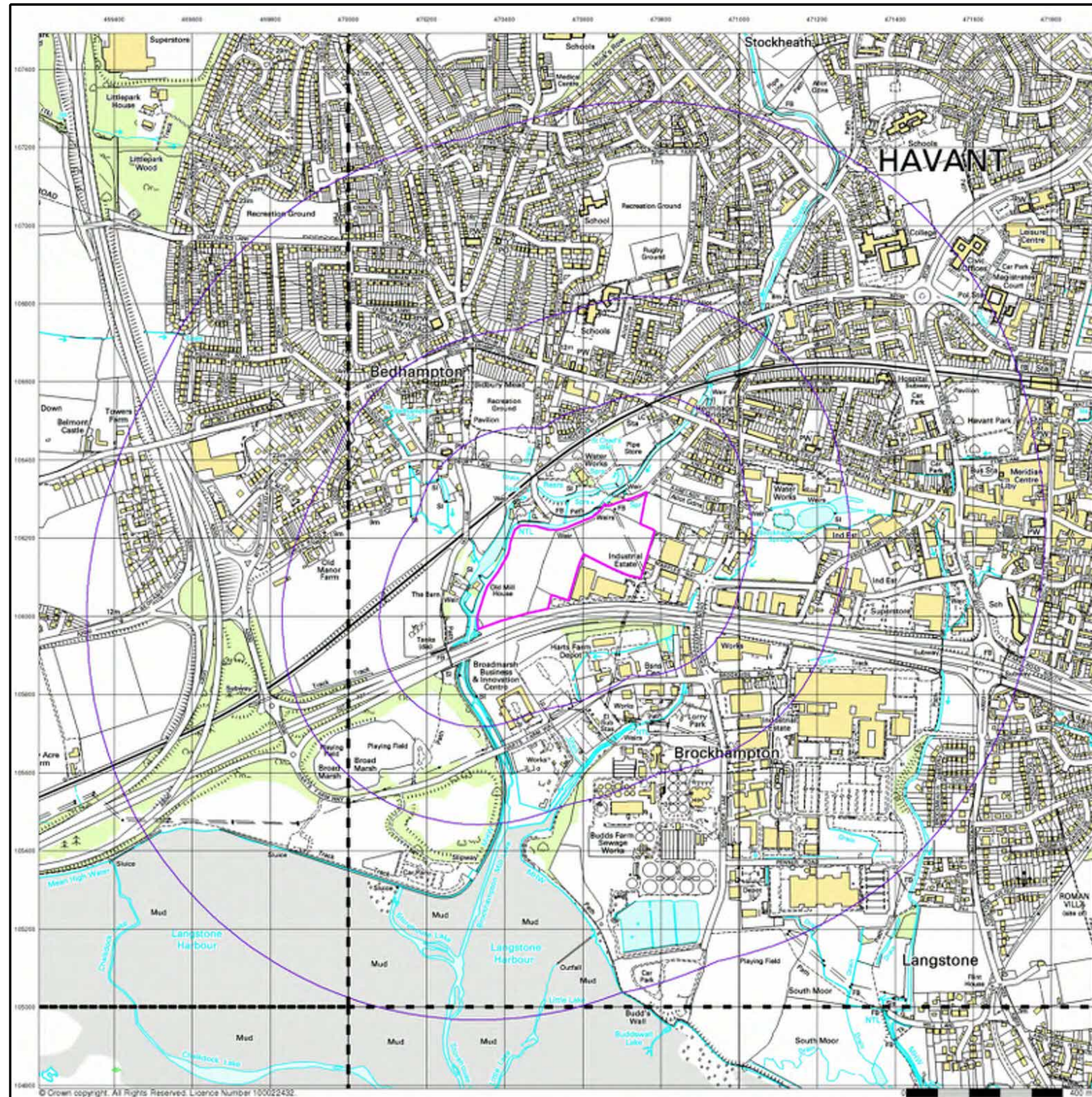
Order Number: 218775985_1_1
Customer Ref: 17877
National Grid Reference: 470560, 106140
Slice: A
Site Area (Ha): 7.12
Search Buffer (m): 1000

Site Details

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Tel: 0844 844 9952
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10k Raster Mapping

Published 2006

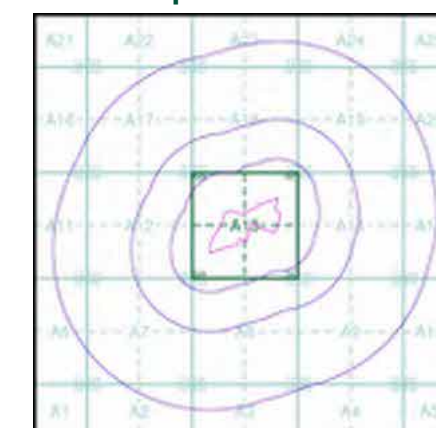
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SU60NE 2006 1:10,000	SU70NW 2006 1:10,000
SU60SE 2006 1:10,000	SU70SW 2006 1:10,000

Historical Map - Slice A



Order Details

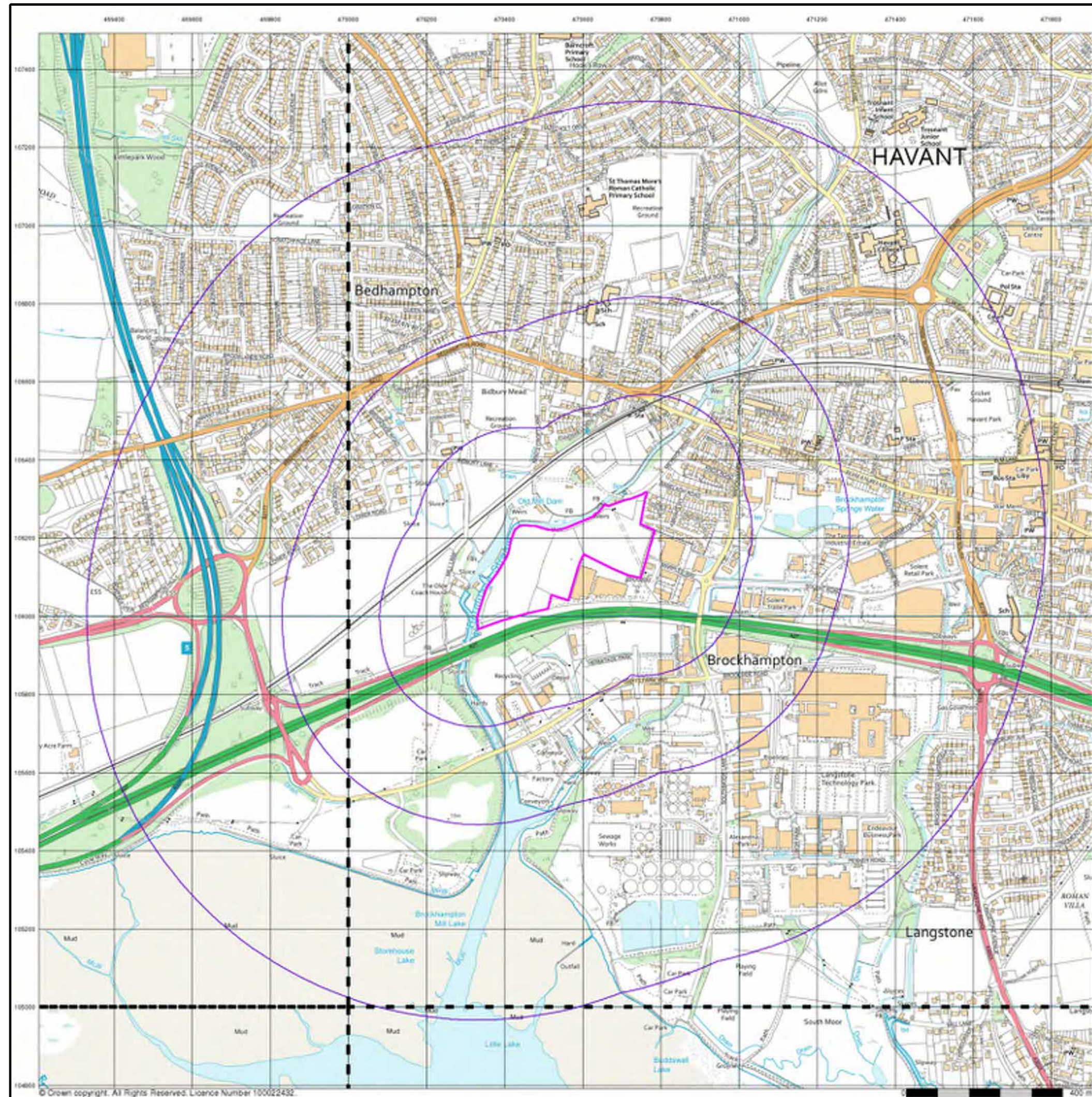
Order Number: 218775985_1_1
 Customer Ref: 17877
 National Grid Reference: 470560, 106140
 Slice: A
 Site Area (Ha): 7.12
 Search Buffer (m): 1000

Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ



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VectorMap Local

Published 2019

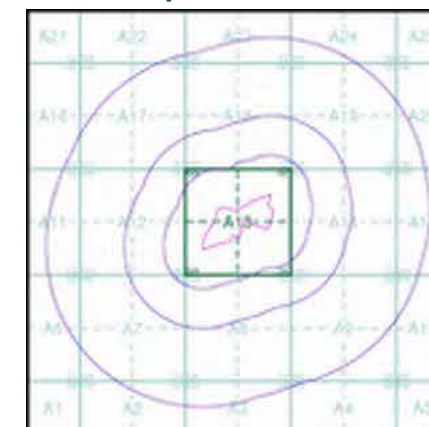
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SU60NE 2019 Variable	SU70NW 2019 Variable
SU60SE 2019 Variable	SU70SW 2019 Variable

Historical Map - Slice A



Order Details

Order Number: 218775985_1_1
 Customer Ref: 17877
 National Grid Reference: 470560, 106140
 Slice: A
 Site Area (Ha): 7.12
 Search Buffer (m): 1000

Site Details

Kingscroft Farm, Ranelagh Road, HAVANT, PO9 1FJ



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

Appendix C Landmark Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

218775985_1_1

Customer Reference:

17877

National Grid Reference:

470560, 106140

Slice:

A

Site Area (Ha):

7.12

Search Buffer (m):

1000

Site Details:

Kingscroft Farm
Ranelagh Road
HAVANT
PO9 1FJ

Client Details:

Mr N Lambert
Soils Ltd
Newton House
Cross Road
Tadworth
Surrey
KT20 5SR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	82
Hazardous Substances	-
Geological	94
Industrial Land Use	98
Sensitive Land Use	132
Data Currency	133
Data Suppliers	139
Useful Contacts	140

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 2		20	22	84
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 34				2
Integrated Pollution Prevention And Control	pg 34	1	3		2
Local Authority Integrated Pollution Prevention And Control	pg 35		1	2	
Local Authority Pollution Prevention and Controls	pg 36		6	3	12
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 39	Yes			
Pollution Incidents to Controlled Waters	pg 39	1	3	4	11
Prosecutions Relating to Authorised Processes	pg 42		1	1	
Registered Radioactive Substances	pg 42			6	
River Quality	pg 43	1			1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 44				1
Substantiated Pollution Incident Register	pg 44		1		
Water Abstractions	pg 45		6	3	
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 47	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 47	2	n/a	n/a	n/a
Groundwater Vulnerability - Local Information		1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 47	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 47	Yes	n/a	n/a	n/a
Source Protection Zones	pg 47	1	1		
Extreme Flooding from Rivers or Sea without Defences	pg 48	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 57	Yes	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 65	1	48	35	56

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 82			1	
Historical Landfill Sites	pg 82		1	1	1
Integrated Pollution Control Registered Waste Sites	pg 82		3		
Licensed Waste Management Facilities (Landfill Boundaries)	pg 83		2		
Licensed Waste Management Facilities (Locations)	pg 83		6	7	3
Local Authority Landfill Coverage	pg 87	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 87		1		1
Potentially Infilled Land (Non-Water)	pg 87				3
Potentially Infilled Land (Water)	pg 87		3	4	17
Registered Landfill Sites	pg 89		1	1	
Registered Waste Transfer Sites	pg 90		1	3	
Registered Waste Treatment or Disposal Sites	pg 92		1		3
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 94	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 94	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 94			1	3
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
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	pg 95				2
Non Coal Mining Areas of Great Britain	pg 95		Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 95	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 96	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 96	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 96	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 96	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 97	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 97	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 97	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 98		49	43	135
Fuel Station Entries	pg 117			2	3
Points of Interest - Commercial Services	pg 118		9	15	37
Points of Interest - Education and Health	pg 123				2
Points of Interest - Manufacturing and Production	pg 123	1	5	27	19
Points of Interest - Public Infrastructure	pg 127		13	9	13
Points of Interest - Recreational and Environmental	pg 130		2		7
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
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 132	1			
Ramsar Sites	pg 132				1
Sites of Special Scientific Interest	pg 132				1
Special Areas of Conservation	pg 132				1
Special Protection Areas	pg 132				1
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	A13SE (S)	0	1	470559 106000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	0	1	470559 106139
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	117	1	470350 105850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	133	1	470559 106450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	144	1	470250 105850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	170	1	470300 105800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	177	1	470200 105850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	180	1	470500 105800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	214	1	470200 105800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	217	1	470350 105750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	220	1	470300 105750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	248	1	470150 105800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	267	1	470350 105700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	271	1	471000 106450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	283	1	470559 106600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (SW)	291	1	470050 105900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	317	1	470400 105650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	319	1	470300 105650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	324	1	470450 105650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	331	1	470000 106139
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	352	1	470600 106650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	353	1	470000 105850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	367	1	470350 105600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	368	1	470400 105600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	377	1	470250 105600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	398	1	470000 105750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SW (NE)	406	1	470900 106700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	427	1	470000 105700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	433	1	470700 106750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	440	1	469950 105750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	444	1	471200 106400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	456	1	470150 105550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	466	1	470559 105550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	467	1	469950 105700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	468	1	470400 105500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (SW)	485	1	469900 105750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	496	1	470550 105500
1	Discharge Consents Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (S)	35	2	470580 106010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied 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 100m	A13SE (S)	49	2	470590 106000
1	Discharge Consents Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied 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 100m	A13SE (S)	64	2	470580 105980
2	Discharge Consents Operator: Mr D & Mrs J Kelly Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Old Mill House, Mill Lane, Bedhampton, Havant, Hampshire, Po9 3jh Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: D01551 Permit Version: 1 Effective Date: 2nd July 1987 Issued Date: 2nd July 1987 Revocation Date: 18th April 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13SW (W)	36	2	470320 106080
3	Discharge Consents Operator: Seven Springs Ltd Property Type: WHOLESALE TRADE (NOT MOTOR VEHICLES) Location: Seven Springs Ltd, The Bottling Plant, Ranelagh Road, Bedhampton, Havant Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07982 Permit Version: 1 Effective Date: 2nd June 2000 Issued Date: 2nd June 2000 Revocation Date: 14th November 2003 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13NE (E)	57	2	470840 106230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Kingscroft Management Limited Property Type: Undefined Or Other Location: Kingscroft Court, Marples Way Kingscroft Court, Marples Way, Havant, Hampshire, Po9 1ls Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: P00398 Permit Version: 1 Effective Date: 20th February 1986 Issued Date: 20th February 1986 Revocation Date: Not Supplied 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 100m	A13SE (SE)	58	2	470750 106040
5	Discharge Consents Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied 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 100m	A13SW (S)	71	2	470550 105960
5	Discharge Consents Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied 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 100m	A13SW (S)	72	2	470530 105950
5	Discharge Consents Operator: De La Rue Systems Property Type: Undefined Or Other Location: High Technology Campus, Langstone Gate, Solent Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00174 Permit Version: 1 Effective Date: 7th August 1985 Issued Date: 7th August 1985 Revocation Date: Not Supplied 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 100m	A13SE (S)	72	2	470570 105970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Park Lane, Bedhampton Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00316 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 14th January 1993 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13NE (N)	86	2	470600 106350
7	Discharge Consents Operator: Kingscroft Management Limited Property Type: Undefined Or Other Location: Kingscroft Court, Marples Way Kingscroft Court, Marples Way, Havant, Hampshire, Po9 1ls Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: P00398 Permit Version: 1 Effective Date: 20th February 1986 Issued Date: 20th February 1986 Revocation Date: Not Supplied 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 100m	A13SE (E)	125	2	470860 106040
8	Discharge Consents Operator: Aep (Hampshire) Ltd (Hmip) Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Brockhampton Incinerator, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Ag8276 Permit Version: 1 Effective Date: 13th May 1993 Issued Date: 13th May 1993 Revocation Date: 6th March 1998 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (S)	143	2	470640 105920
9	Discharge Consents Operator: Hanson Quarry Products Ltd Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: Land At Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P03515 Permit Version: 2 Effective Date: 13th June 1997 Issued Date: 13th June 1997 Revocation Date: 31st March 2018 Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	188	2	470320 105780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Pioneer Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: Land At Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P03515 Permit Version: 1 Effective Date: 4th June 1991 Issued Date: 4th June 1991 Revocation Date: 13th June 1997 Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	188	2	470320 105780
10	Discharge Consents Operator: Wiggins Homes Group Plc. Property Type: Undefined Or Other Location: Manor Court, Brockhampton Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02242 Permit Version: 1 Effective Date: 31st July 1989 Issued Date: 31st July 1989 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A14SW (E)	198	2	470950 106080
11	Discharge Consents Operator: Hopkins Recycling Limited Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Havant Hw Recycling Centre, Harts Farm Way, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07333 Permit Version: 1 Effective Date: 12th September 2000 Issued Date: 12th September 2000 Revocation Date: 17th July 2018 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: Failed Transfer Positional Accuracy: Located by supplier to within 10m	A8NW (S)	231	2	470500 105780
11	Discharge Consents Operator: Hampshire Country Council Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: OLD HAVANT INCINERATOR SITE, HARTS FARM WAY, HAVANT, HAMPSHIRE Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07788 Permit Version: 1 Effective Date: 10th December 1999 Issued Date: 10th December 1999 Revocation Date: 20th June 2014 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	260	2	470500 105750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Alfred Stent & Son (Havant) Ltd Property Type: Undefined Or Other Location: Brockhampton Stream Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: H02821 Permit Version: 1 Effective Date: 12th April 1957 Issued Date: 12th April 1957 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	A8NE (S)	233	2	470590 105800
12	Discharge Consents Operator: Hampshire Waste Services Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Havant Incinerator, Harts Farm Way, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01273 Permit Version: 1 Effective Date: 5th January 1978 Issued Date: 5th January 1978 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	249	2	470580 105780
13	Discharge Consents Operator: Seward (Havant) Ltd. Property Type: Undefined Or Other Location: Millington Fields Site, West Street, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01098 Permit Version: 1 Effective Date: 18th May 1983 Issued Date: 18th May 1983 Revocation Date: Not Supplied 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 100m	A18SE (NE)	247	2	470890 106530
14	Discharge Consents Operator: Wiggins Homes Group Plc. Property Type: Undefined Or Other Location: Manor Court, Brockhampton Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02242 Permit Version: 1 Effective Date: 31st July 1989 Issued Date: 31st July 1989 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	A14SW (E)	249	2	471020 106140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Discharge Consents Operator: Wiggins Homes Group Plc. Property Type: Undefined Or Other Location: Manor Court, Brockhampton Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02242 Permit Version: 1 Effective Date: 31st July 1989 Issued Date: 31st July 1989 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	A14NW (E)	256	2	471030 106150
14	Discharge Consents Operator: Wiggins Homes Group Plc. Property Type: Undefined Or Other Location: Manor Court, Brockhampton Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02242 Permit Version: 1 Effective Date: 31st July 1989 Issued Date: 31st July 1989 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	A14NW (E)	261	2	471040 106170
15	Discharge Consents Operator: North Shore Yacht Yards Ltd. Property Type: Undefined Or Other Location: Boshampton Lane, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01265 Permit Version: 1 Effective Date: 5th May 1978 Issued Date: 5th May 1978 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	254	2	470880 105880
16	Discharge Consents Operator: Scottish & Southern Energy Plc Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: 132/133kv Substation, Harts Fm Way Scottish & Southern Energy Ltd, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: G00517 Permit Version: 2 Effective Date: 21st December 2012 Issued Date: 21st December 2012 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	326	2	470647 105723

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Discharge Consents Operator: Scottish & Southern Energy Plc Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: 132/133kv Substation, Harts Fm Way Scottish & Southern Energy Ltd, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: G00517 Permit Version: 1 Effective Date: 14th June 2005 Issued Date: 14th June 2005 Revocation Date: 20th December 2012 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (S)	326	2	470647 105723
17	Discharge Consents Operator: Tarmac Trading Limited Property Type: MINERAL/GRAVEL EXTRACTION/QUARRYING Location: Bedhampton Wharf Havant Concrete, Harts Farm Way, Bedhampton Quay, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprgb3696vz Permit Version: 1 Effective Date: 20th October 2017 Issued Date: 20th October 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Hermitage Stream Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	330	2	470411 105647
18	Discharge Consents Operator: Tarmac Trading Limited Property Type: MINERAL/GRAVEL EXTRACTION/QUARRYING Location: Bedhampton Quay, Harts Farm Way Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: G01127 Permit Version: 1 Effective Date: 2nd April 2007 Issued Date: 2nd April 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NW (S)	342	2	470510 105667
19	Discharge Consents Operator: Havant Business Centre Management Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Nursery Units At Harts Farm Way, (South Side), Brockhampton, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01080 Permit Version: 1 Effective Date: 26th November 1984 Issued Date: 26th November 1984 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	353	2	470850 105760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Discharge Consents Operator: A & J Bull (Southern) Ltd Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Lorry Park West Of Southmoor Lan, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07079r Permit Version: 1 Effective Date: 13th May 1998 Issued Date: 13th May 1998 Revocation Date: 1st November 2010 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	354	2	470750 105740
20	Discharge Consents Operator: Goldail Ltd. Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Lorry Park West Of Southmoor Lan, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P02498 Permit Version: 2 Effective Date: 18th January 1996 Issued Date: 18th January 1996 Revocation Date: 31st March 1997 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	354	2	470750 105740
20	Discharge Consents Operator: Goldail Ltd. Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Lorry Park West Of Southmoor Lan, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02498 Permit Version: 1 Effective Date: 3rd August 1989 Issued Date: 3rd August 1989 Revocation Date: 18th January 1996 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 100m	A8NE (SE)	354	2	470750 105740
20	Discharge Consents Operator: O.C. Summers Ltd. Property Type: Undefined Or Other Location: Harts Farm Way, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01222 Permit Version: 1 Effective Date: 30th January 1980 Issued Date: 30th January 1980 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	357	2	470720 105720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Discharge Consents Operator: J M Bussell Ltd. Property Type: Undefined Or Other Location: Harts Farm Way, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00366 Permit Version: 1 Effective Date: 24th February 1986 Issued Date: 24th February 1986 Revocation Date: 27th September 2005 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Consent revoked: Discharge ceased (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	362	2	470710 105710
20	Discharge Consents Operator: Southern Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Havant Ceo Southmoor Lane, Havant, -, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00752 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: 19th May 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Saline Estuary Environment: Receiving Water: Brockhampton Creek Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	376	2	470720 105700
20	Discharge Consents Operator: Southern Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Sewage Disposal Works, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00752 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	376	2	470720 105700
20	Discharge Consents Operator: The Occupier Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Sewage Disposal Works, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01182 Permit Version: 1 Effective Date: 10th April 1969 Issued Date: 10th April 1969 Revocation Date: 31st March 1997 Discharge Type: Non Water Company (Private) Sewage Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	376	2	470720 105700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Discharge Consents Operator: Southern Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Havant Ceo Southmoor Lane, Havant, -, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00752 Permit Version: 2 Effective Date: 20th May 2016 Issued Date: 20th May 2016 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Saline Estuary Environment: Receiving Water: Brockhampton Creek Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	383	2	470670 105670
22	Discharge Consents Operator: Solent Aggregates Ltd Property Type: MINERAL/GRAVEL EXTRACTION/QUARRYING Location: Bedhampton Quay, Harts Farm Way Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: G01141 Permit Version: 1 Effective Date: 3rd July 2007 Issued Date: 3rd July 2007 Revocation Date: 30th August 2013 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Saline Estuary Environment: Receiving Water: Hermitage Stream Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	392	2	470429 105587
23	Discharge Consents Operator: SOUTHERN WATER SERVICES LTD Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wtw, Southmoor Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00915 Permit Version: 1 Effective Date: 28th October 1999 Issued Date: 28th October 1999 Revocation Date: 7th August 2003 Discharge Type: Groundwater - Unspecified Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (S)	409	2	470600 105620
24	Discharge Consents Operator: Hanson Aggregates Uk Property Type: Undefined Or Other Location: Bedhampton Plant, Harts Farm Way, HAVANT, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: P04007 Permit Version: 1 Effective Date: 28th January 1992 Issued Date: 28th January 1992 Revocation Date: 25th February 2009 Discharge Type: Trade Discharge - Process Water Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8NW (S)	490	2	470510 105510

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Discharge Consents Operator: Tarmac Trading Limited Property Type: MINERAL/GRAVEL EXTRACTION/QUARRYING Location: Bedhampton Quay, Harts Farm Way Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po9 1jn Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: P03532 Permit Version: 1 Effective Date: 4th June 1991 Issued Date: 4th June 1991 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Mineral Workings Discharge: Saline Estuary Environment: Receiving Water: Brockhampton Stream Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	490	2	470510 105510
25	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 12 Effective Date: 31st August 2011 Issued Date: 31st August 2011 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	538	2	470779 105548
25	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 12 Effective Date: 31st August 2011 Issued Date: 31st August 2011 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	538	2	470779 105548
26	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bedhampton Hill, Bedhampton Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00315 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 6th March 1996 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A12NW (W)	567	2	469840 106310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 10 Effective Date: 25th March 2010 Issued Date: 25th March 2010 Revocation Date: 30th March 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	664	2	470750 105400
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 11 Effective Date: 31st March 2012 Issued Date: 25th March 2010 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	664	2	470750 105400
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 9 Effective Date: 5th October 2009 Issued Date: 5th October 2009 Revocation Date: 24th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	664	2	470750 105400
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 8 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 4th October 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	664	2	470750 105400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 8 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 4th October 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	664	2	470750 105400
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 6 Effective Date: 31st March 2008 Issued Date: 6th March 2008 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	664	2	470750 105400
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 6 Effective Date: 31st March 2008 Issued Date: 6th March 2008 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	664	2	470750 105400
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 7 Effective Date: 1st April 2012 Issued Date: 6th March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	664	2	470750 105400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 7 Effective Date: 1st April 2012 Issued Date: 6th March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	664	2	470750 105400
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 5 Effective Date: 20th December 2005 Issued Date: 20th December 2005 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Consent Currently Under Appeal Positional Accuracy: Located by supplier to within 10m	A8SE (S)	664	2	470750 105400
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 4 Effective Date: 15th December 2005 Issued Date: 15th December 2005 Revocation Date: 19th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	664	2	470750 105400
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 3 Effective Date: 14th December 2004 Issued Date: 14th December 2004 Revocation Date: 14th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	664	2	470750 105400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: 3rd September 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	664	2	470750 105400
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 11 Effective Date: 31st March 2012 Issued Date: 25th March 2010 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 11 Effective Date: 31st March 2012 Issued Date: 25th March 2010 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 10 Effective Date: 25th March 2010 Issued Date: 25th March 2010 Revocation Date: 30th August 2011 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 10 Effective Date: 25th March 2010 Issued Date: 25th March 2010 Revocation Date: 30th August 2011 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 9 Effective Date: 5th October 2009 Issued Date: 5th October 2009 Revocation Date: 24th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 9 Effective Date: 5th October 2009 Issued Date: 5th October 2009 Revocation Date: 24th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 8 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 4th October 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 6 Effective Date: 31st March 2008 Issued Date: 6th March 2008 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 7 Effective Date: 1st April 2012 Issued Date: 6th March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 5 Effective Date: 20th December 2005 Issued Date: 20th December 2005 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Consent Currently Under Appeal Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 5 Effective Date: 20th December 2005 Issued Date: 20th December 2005 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Consent Currently Under Appeal Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	758	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 4 Effective Date: 15th December 2005 Issued Date: 15th December 2005 Revocation Date: 19th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 4 Effective Date: 15th December 2005 Issued Date: 15th December 2005 Revocation Date: 19th December 2005 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 3 Effective Date: 14th December 2004 Issued Date: 14th December 2004 Revocation Date: 14th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 3 Effective Date: 14th December 2004 Issued Date: 14th December 2004 Revocation Date: 14th December 2005 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	758	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 2 Effective Date: 3rd September 2002 Issued Date: 3rd September 2002 Revocation Date: 13th December 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 2 Effective Date: 3rd September 2002 Issued Date: 3rd September 2002 Revocation Date: 13th December 2004 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: 3rd September 2002 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually positioned within the geographical locality	A8SE (S)	758	2	470680 105280
28	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: 3rd September 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	758	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Discharge Consents Operator: Mr D.S. Hughes F.R.I.C.S. Property Type: Undefined Or Other Location: 62-66 West Street, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01171 Permit Version: 1 Effective Date: 4th June 1982 Issued Date: 4th June 1982 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	A14NE (E)	773	2	471550 106320
30	Discharge Consents Operator: Fasset Limited Property Type: MAKING OF COMPUTERS/ELECTRONICS/OPTICAL PRODUCTS Location: Office Car Park, Phase 6, Langstone Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01268 Permit Version: 2 Effective Date: 17th March 1995 Issued Date: 17th March 1995 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	800	2	471280 105500
30	Discharge Consents Operator: Xyratex Property Type: MAKING OF COMPUTERS/ELECTRONICS/OPTICAL PRODUCTS Location: Office Car Park, Phase 6, Langstone Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N01268 Permit Version: 1 Effective Date: 13th April 1978 Issued Date: 13th April 1978 Revocation Date: 17th March 1995 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	A9NE (SE)	800	2	471280 105500
31	Discharge Consents Operator: SOUTHERN WATER SERVICES LTD Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00914 Permit Version: 1 Effective Date: 28th October 1999 Issued Date: 28th October 1999 Revocation Date: 7th August 2003 Discharge Type: Groundwater - Unspecified Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	825	2	470580 105180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Discharge Consents Operator: Havant Borough Council Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Bus Station At Elm Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N01228 Permit Version: 2 Effective Date: 14th February 1996 Issued Date: 14th February 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary 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	A15NW (E)	836	2	471600 106400
32	Discharge Consents Operator: Stagecoach (South) Ltd Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Bus Station At Elm Road, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01228 Permit Version: 1 Effective Date: 26th November 1979 Issued Date: 26th November 1979 Revocation Date: 14th February 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Saline Estuary Environment: Saline Estuary Receiving Water: Saline Estuary Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A15NW (E)	836	2	471600 106400
33	Discharge Consents Operator: Fasset Limited Property Type: MAKING OF COMPUTERS/ELECTRONICS/OPTICAL PRODUCTS Location: Langstone Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N01162 Permit Version: 2 Effective Date: 17th March 1995 Issued Date: 17th March 1995 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	842	2	471480 105680
33	Discharge Consents Operator: Xyratex Property Type: MAKING OF COMPUTERS/ELECTRONICS/OPTICAL PRODUCTS Location: Langstone Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01162 Permit Version: 1 Effective Date: 27th October 1982 Issued Date: 27th October 1982 Revocation Date: 17th March 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	842	2	471480 105680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Discharge Consents Operator: Scottish And Southern Energy Plc Property Type: Undefined Or Other Location: Land East Of Southmoor Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: P05514 Permit Version: 1 Effective Date: 15th September 1994 Issued Date: 15th September 1994 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of Lavant Stream Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	858	2	471150 105340
35	Discharge Consents Operator: Havant & Waterloo U.D.C. Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Sewage Works, Langstone, HAVANT, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01300 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 31st March 1997 Discharge Type: Non Water Company (Private) Sewage Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A3NW (S)	872	2	470540 105120
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm S.T.W., Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00157 Permit Version: 3 Effective Date: 21st December 2000 Issued Date: 21st December 2000 Revocation Date: 21st June 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Langstone Harbour Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	873	2	470500 105110
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm S.T.W., Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00157 Permit Version: 2 Effective Date: 15th October 1999 Issued Date: 15th October 1999 Revocation Date: 21st December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Coastal Environment: Receiving Water: Langstone Harbour Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A3NW (S)	873	2	470500 105110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Budds Farm S.T.W., Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00157 Permit Version: 1 Effective Date: 1st January 1992 Issued Date: 1st April 1991 Revocation Date: 15th October 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Coastal Environment: Receiving Water: Langstone Harbour Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A3NW (S)	873	2	470500 105110
35	Discharge Consents Operator: Southern Water Services Ltd Property Type: Not Given Location: Budds Farm Sewage Treatment Works, , HAVANT, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: Not Supplied Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 9th November 1989 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Saline Estuary Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NW (S)	874	2	470545 105120
35	Discharge Consents Operator: Southern Water Services Limited Property Type: Not Given Location: Budds Farm S T W , HAVANT, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: WACT/257-TWO OUT Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st April 1991 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Saline Estuary Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NW (S)	877	2	470540 105115
35	Discharge Consents Operator: Southern Water Services Ltd Property Type: Not Given Location: Budds Farm Stw, HAVANT , Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: Not Supplied Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 9th November 1989 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Saline Estuary Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NW (S)	878	2	470545 105115

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 2 Effective Date: 3rd September 2002 Issued Date: 3rd September 2002 Revocation Date: 13th December 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Manually corrected supplier location	A3NW (S)	883	2	470500 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Undefined Or Other Location: Budds Farm S.T.W., Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Western Boundary Hampshire Reference: A00157 Permit Version: 3 Effective Date: 21st December 2000 Issued Date: 21st December 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Saline Estuary Environment: Receiving Water: Saline Estuary Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Manually corrected supplier location	A3NW (S)	883	2	470500 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm S.T.W., Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00157 Permit Version: 3 Effective Date: 21st December 2000 Issued Date: 21st December 2000 Revocation Date: 21st June 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: Langstone Harbour Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	883	2	470500 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm S.T.W., Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00157 Permit Version: 2 Effective Date: 15th October 1999 Issued Date: 15th October 1999 Revocation Date: 21st December 2000 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Coastal Environment: Receiving Water: Langstone Harbour Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A3NW (S)	883	2	470500 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm S.T.W., Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00157 Permit Version: 2 Effective Date: 15th October 1999 Issued Date: 15th October 1999 Revocation Date: 21st December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Coastal Environment: Langstone Harbour Receiving Water: Langstone Harbour Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A3NW (S)	883	2	470500 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm S.T.W., Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00157 Permit Version: 1 Effective Date: 1st January 1992 Issued Date: 1st April 1991 Revocation Date: 15th October 1999 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Coastal Environment: Langstone Harbour Receiving Water: Langstone Harbour Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A3NW (S)	883	2	470500 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm S.T.W., Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Bidbury/Hermitage Streams Reference: A00157 Permit Version: 1 Effective Date: 1st January 1992 Issued Date: 1st April 1991 Revocation Date: 15th October 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Coastal Environment: Langstone Harbour Receiving Water: Langstone Harbour Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A3NW (S)	883	2	470500 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 12 Effective Date: 31st August 2011 Issued Date: 31st August 2011 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: The Solent/Langstone Harbour Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 12 Effective Date: 31st August 2011 Issued Date: 31st August 2011 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 10 Effective Date: 25th March 2010 Issued Date: 25th March 2010 Revocation Date: 30th August 2011 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 10 Effective Date: 25th March 2010 Issued Date: 25th March 2010 Revocation Date: 30th August 2011 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 11 Effective Date: 31st March 2012 Issued Date: 25th March 2010 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 11 Effective Date: 31st March 2012 Issued Date: 25th March 2010 Revocation Date: 31st March 2012 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 9 Effective Date: 5th October 2009 Issued Date: 5th October 2009 Revocation Date: 24th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 9 Effective Date: 5th October 2009 Issued Date: 5th October 2009 Revocation Date: 24th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 8 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 4th October 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 8 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 4th October 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 6 Effective Date: 31st March 2008 Issued Date: 6th March 2008 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 6 Effective Date: 31st March 2008 Issued Date: 6th March 2008 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 7 Effective Date: 1st April 2012 Issued Date: 6th March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: A00751 Permit Version: 7 Effective Date: 1st April 2012 Issued Date: 6th March 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 5 Effective Date: 20th December 2005 Issued Date: 20th December 2005 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Consent Currently Under Appeal Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 5 Effective Date: 20th December 2005 Issued Date: 20th December 2005 Revocation Date: 30th March 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent/Langstone Harbour Status: Consent Currently Under Appeal Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 4 Effective Date: 15th December 2005 Issued Date: 15th December 2005 Revocation Date: 19th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 4 Effective Date: 15th December 2005 Issued Date: 15th December 2005 Revocation Date: 19th December 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 3 Effective Date: 14th December 2004 Issued Date: 14th December 2004 Revocation Date: 14th December 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 3 Effective Date: 14th December 2004 Issued Date: 14th December 2004 Revocation Date: 14th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 2 Effective Date: 3rd September 2002 Issued Date: 3rd September 2002 Revocation Date: 13th December 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 2 Effective Date: 3rd September 2002 Issued Date: 3rd September 2002 Revocation Date: 13th December 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: 3rd September 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr 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	A3NW (S)	892	2	470540 105100
35	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Budds Farm Wwtw, Southmoor Lane, Havant, Hampshire, Po9 1jw Authority: Environment Agency, Southern Region Catchment Area: Solent Reference: A00751 Permit Version: 1 Effective Date: 10th June 2002 Issued Date: 10th June 2002 Revocation Date: 3rd September 2002 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Saline Estuary Environment: Receiving Water: The Solent Or Langstone Harbr 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	A3NW (S)	892	2	470540 105100
36	Discharge Consents Operator: Dr F A Stowell Property Type: Undefined Or Other Location: Hulbert Road, Bedhampton Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01000 Permit Version: 1 Effective Date: 13th April 1962 Issued Date: 13th April 1962 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 10m	A17NE (NW)	921	2	470000 107040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Discharge Consents Operator: Hampshire Education Committee Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE Location: Trosnant County Junior School, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01030 Permit Version: 1 Effective Date: 18th October 1963 Issued Date: 18th October 1963 Revocation Date: 6th March 1996 Discharge Type: Discharge Of Other Matter-Swimming Pool Contents 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	A19NE (NE)	964	2	471250 107150
38	Integrated Pollution Controls Name: Adflex Solutions Ltd (Dissolved) Location: P O Box 6, HAVANT, Hampshire, PO9 1SA Authority: Environment Agency, Southern Region Permit Reference: AP1131 Dated: 29th March 1995 Process Type: IPC new application Description: 4.4 A (E) processes involving Halogens within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Unknown	A9NE (SE)	763	2	471400 105700
38	Integrated Pollution Controls Name: Adflex Solutions Ltd (Dissolved) Location: P O Box 6, Langstone Road, HAVANT, Hampshire, PO9 1SA Authority: Environment Agency, Southern Region Permit Reference: AU8741 Dated: 17th January 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.4 A (E) processes involving Halogens within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Unknown	A9NE (SE)	766	2	471400 105695
39	Integrated Pollution Prevention And Control Name: Portsmouth Water Ltd Location: Bedhampton Landfill, Bedhampton Waterworks, Meyrick Road,,, Havant, Hampshire, PO9 1NN Authority: Environment Agency, Southern Region Permit Reference: BP3635UL Original Permit Ref: Np3439pn Effective Date: 31st March 2008 Status: Revoked Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned within the geographical locality Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y	A13NE (NE)	0	2	470680 106282
40	Integrated Pollution Prevention And Control Name: Peak Gen Power 18 Limited Location: Peak Gen Havant Epr/Yp3732qa, Peak Gen Havant, Harts Farm Way,,, Havant, PO9 1HS Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: YP3732QA Original Permit Ref: Yp3732qa Effective Date: 17th June 2019 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 25B (3)(1)(a) Activity Description: Tranche B SG permitting date 1st January 2019 Primary Activity: Y	A13SW (SW)	89	2	470440 105910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Integrated Pollution Prevention And Control Name: Portsmouth Water Ltd Location: Bedhampton Landfill, Bedhampton Waterworks, Meyrick Road,, Havant, Hampshire, PO9 1NN Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: NP3439PN Original Permit Ref: Np3439pn Effective Date: 21st April 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 100m Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y	A13NE (N)	119	2	470600 106390
42	Integrated Pollution Prevention And Control Name: Portsmouth Water Ltd Location: Bedhampton Waterworks, Meyrick Road, Havant, Hampshire, Po9 1nn Authority: Environment Agency, Southern Region Permit Reference: Np3439pn Original Permit Ref: Np3439pn Effective Date: 21st April 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 5.2 A(1) (B) Activity Description: Waste Landfilling; Any Other Landfill To Which The 2002 Landfill Regulations Apply Primary Activity: Y	A14NW (NE)	194	2	470953 106361
43	Integrated Pollution Prevention And Control Name: Southern Water Services Ltd Location: Budds Farm Water Treatment Works, Southmoor Lane, Havant, Hampshire, PO9 1JW Authority: Environment Agency, Southern Region Permit Reference: ZP3235XJ Original Permit Ref: Zp3235xj Effective Date: 15th October 2008 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A8NE (S)	547	2	470711 105510
43	Integrated Pollution Prevention And Control Name: Southern Water Services Ltd Location: Budds Farm Wastewater Treatment Works Combined Heat And Power Plant, Budds Farm Wastewater Treatment Works, Budds Farm, Southmoor,, Havant, Hampshire, PO9 1JW Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: ZP3235XJ Original Permit Ref: Zp3235xj Effective Date: 15th October 2008 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 100m Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A8NE (S)	552	2	470700 105500
44	Local Authority Integrated Pollution Prevention And Control Name: Portsmouth Water Ltd Location: Bedhampton Landfill, Meyrick Road, Bedhampton, PO11 Authority: Havant Borough Council, Environmental Health Department Permit Reference: EA/EPR/NP3439N Dated: 15th March 2005 Process Type: Waste Management Description: Not Supplied Status: Permit Issued Positional Accuracy: Located by supplier to within 10m	A13NE (N)	88	3	470596 106349

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Local Authority Integrated Pollution Prevention And Control Name: Hanson Aggregates Location: Bedhampton Quay, Harts Farm Way, Havant, Hampshire, PO9 1JN Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/3.1/1 Dated: Not Supplied Process Type: Mineral Industries Description: PG3/1 Concrete Batching Status: Permit Issued Positional Accuracy: Manually positioned to the address or location	A8NW (S)	384	3	470498 105619
45	Local Authority Integrated Pollution Prevention And Control Name: Tarmac Southern Ltd Location: Bedhampton Quay, Harts Farm Way, Havant, Hampshire, PO9 1JN Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/3.1/2 Dated: Not Supplied Process Type: Mineral Industries Description: PG3/1 Concrete Batching Status: Permit Issued Positional Accuracy: Manually positioned to the address or location	A8NW (S)	384	3	470498 105619
46	Local Authority Pollution Prevention and Controls Name: Hopkins Recycling Ltd Location: Harts Farm Way, Havant, Hants, Po9 1jn Authority: Havant Borough Council, Environmental Health Department Permit Reference: EA/EPR/BB3538AG/A001 Dated: 2nd March 2012 Process Type: Local Authority Pollution Prevention and Control Description: Part B process (no specific reference) Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SW (S)	181	3	470522 105837
46	Local Authority Pollution Prevention and Controls Name: L&S Waste Management Ltd Location: Farlington Redoubt, Portsdown Hill Road, Havant, Po6 1bw Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/10/00354 Dated: 4th May 2010 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SW (S)	181	3	470522 105837
47	Local Authority Pollution Prevention and Controls Name: Pioneer Concrete (Uk) Ltd Location: Bedhampton Quay, Harts Farm Way, HAVANT, Hampshire, PO9 1JN Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/1/94 Dated: 1st October 1993 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Transferred to LAIPPC Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	196	3	470674 105879
47	Local Authority Pollution Prevention and Controls Name: Hanson Premix Location: Bedhampton Quay, Harts Farm Way, HAVANT, Hampshire, PO19 1JN Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/1/94 Dated: 1st October 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	196	3	470674 105879
48	Local Authority Pollution Prevention and Controls Name: Conroys Recycling Ltd Location: Harts Farm, Havant, Hampshire, Po9 1jn Authority: Havant Borough Council, Environmental Health Department Permit Reference: EPR/JB3936RC/A001 Dated: 17th December 2012 Process Type: Local Authority Pollution Prevention and Control Description: Part B process (no specific reference) Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NW (S)	211	3	470508 105803

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	Local Authority Pollution Prevention and Controls Name: Conroys Recycling Ltd Location: Harts Farm, Havant, Hampshire, Po9 1jn Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/EPR/13/01820 Dated: 10th February 2014 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NW (S)	213	3	470506 105800
48	Local Authority Pollution Prevention and Controls Name: Sainsburys Supermarket Location: Hambledon Road, Waterloooville, Po7 7ua Authority: Havant Borough Council, Environmental Health Department Permit Reference: PERM14/3000HBC Dated: 1st December 2014 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NW (S)	251	3	470533 105767
49	Local Authority Pollution Prevention and Controls Name: Tarmac Location: Bedhampton Quay, Harts Farm Way, Havant, Hampshire, Po19 1jn Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/05/00249 Dated: 11th January 1994 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NW (S)	339	3	470489 105664
50	Local Authority Pollution Prevention and Controls Name: Sita Solent Ltd Location: Havant Lorry Park, Southmoor Lane, Havant, PO9 1JW Authority: Havant Borough Council, Environmental Health Department Permit Reference: EPR/AP3092HB Dated: 29th September 1997 Process Type: Local Authority Pollution Prevention and Control Description: Part B process (no specific reference) Status: Authorisation certificate surrendered by operator Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	378	3	470851 105734
51	Local Authority Pollution Prevention and Controls Name: Teleplan And White Electronics B V Location: Langstone Technology Park, Landstone Road, Havant, Hampshire, Po9 1sa Authority: Havant Borough Council, Environmental Health Department Permit Reference: EPR/3203HA Dated: 13th June 2013 Process Type: Local Authority Pollution Prevention and Control Description: Part B process (no specific reference) Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	539	3	471216 105828
52	Local Authority Pollution Prevention and Controls Name: Solent Cleaners Ltd Location: 15 Solent Road, HAVANT, Hampshire, PO9 1AF Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/05/00724v2 Dated: 15th July 2005 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A14SE (E)	543	3	471307 106076
53	Local Authority Pollution Prevention and Controls Name: Mitchell & James Ltd Location: Unit 1, Southmoor Lane, BEDHAMPTON, Hampshire, PO9 1JW Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/1/01 Dated: 12th November 2001 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	561	3	470961 105579

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Local Authority Pollution Prevention and Controls Name: Seaward Arc Location: Southmoor Lane, HAVANT, Hampshire, PO9 Authority: Havant Borough Council, Environmental Health Department Permit Reference: Ppc-B/01/03 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	588	3	470963 105550
54	Local Authority Pollution Prevention and Controls Name: Kwik-Fit Location: New Road, HAVANT, Hampshire, PO9 1DE Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/02/98 Dated: 12th December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A19SW (NE)	581	3	471136 106763
55	Local Authority Pollution Prevention and Controls Name: Seward Accident Repair Centre Location: Langstone House, Beaver Industrial Estate, Southmoor Lane, Havant, PO9 1JW Authority: Havant Borough Council, Environmental Health Department Permit Reference: HPC/IPPC/00482v1 Dated: 11th January 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	609	3	471004 105545
55	Local Authority Pollution Prevention and Controls Name: Seaward Mitchell & James Location: Unit 1 Beaver Industrial Estate, Southmoor Lane, Havant, PO9 1JW Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/00105 Dated: 11th January 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	625	3	471006 105528
56	Local Authority Pollution Prevention and Controls Name: Rowland Way Ltd Location: Southmoor Lane, HAVANT, PO9 1JW Authority: Havant Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	612	3	471053 105567
56	Local Authority Pollution Prevention and Controls Name: Langstone Accident Repair Centre Location: Unit 2 Beaver Lane Industrial Estate, Southmoor Lane, Havant, PO9 1JW Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/00483 Dated: 11th January 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	637	3	471037 105530
57	Local Authority Pollution Prevention and Controls Name: Tesco Stores Ltd Location: Solent Road, Langstone Harbour, HAVANT, Hampshire, PO9 5AH Authority: Havant Borough Council, Environmental Health Department Permit Reference: PERM326/09 Dated: 28th May 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A14SE (E)	739	3	471494 106017

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	Local Authority Pollution Prevention and Controls Name: Texaco Star Service Station Location: 5 Park Road South, HAVANT, Hampshire, PO9 1HA Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/03/98 Dated: 21st August 2000 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A15NW (E)	807	3	471590 106196
59	Local Authority Pollution Prevention and Controls Name: Zip Cleaners Location: 5 Market Parade, Havant, Po9 1py Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/05/01765 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Application Not Yet Authorised Positional Accuracy: Located by supplier to within 10m	A15NW (E)	968	3	471719 106479
	Nearest Surface Water Feature	A13NE (NE)	0	-	470642 106269
60	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil On Stream; Demolition Incident Date: 12th May 1994 Incident Reference: 1255 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	0	2	470400 106020
61	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Back Of Meyrick Road Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Diesel On River; Miscellaneous Premises: Unknown Incident Date: 12th February 1994 Incident Reference: 1078 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	A13NE (NE)	38	2	470800 106300
62	Pollution Incidents to Controlled Waters Property Type: Construction Location: Brockhampton Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Brockhampton Stream Has Changed Colour Incident Date: 18th August 1998 Incident Reference: 798411 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	145	2	470900 106100
63	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: BEDHAMPTON Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Stream May Be Polluted Incident Date: 11th September 1997 Incident Reference: 797465 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	174	2	470400 106400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Pollution Incidents to Controlled Waters Property Type: Road (Road Traffic Accident) Location: Havant Borough Council, Harts Farm Way Depot Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Spillage Of Oil Incident Date: 8th November 1996 Incident Reference: 796525 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Road Traffic Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	308	2	470500 105700
65	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: New Raod, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil On Hermitage Stream; Miscellaneous Premises: Unknown Incident Date: 29th December 1994 Incident Reference: 1625 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	A19SW (NE)	314	2	470900 106600
66	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: West Street Bridge, Opposite Seward Rover Garage, BEDHAMPTON Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Sewage In Stream Incident Date: 28th March 1997 Incident Reference: 797160 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	330	2	470001 106001
67	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Hermitage Stream, Harts Farm Way, HAVANT Authority: Environment Agency, Southern Region Pollutant: Storm Sewage Note: Sewage Debris In Stream; Water Company Sewage: Combined Sewer Overflow Incident Date: 12th September 1994 Incident Reference: 1455 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	496	2	470500 105500
67	Pollution Incidents to Controlled Waters Property Type: Ships/Boats Location: United Marine Aggregates Wharf, BEDHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Waste Oil Note: Spillage Of Waste Oil Incident Date: 21st February 1996 Incident Reference: 796074 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oil Boat/Ship Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	501	2	470500 105495
68	Pollution Incidents to Controlled Waters Property Type: Manufacturing Location: Hanson Aggregates, Harts Farm Way, Bedhampton Quay, HAVANT Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Pigments Note: Not Supplied Incident Date: 17th August 1999 Incident Reference: 2188 Catchment Area: Unknown Receiving Water: Freshwater Stream/River Cause of Incident: Containment Failure : Bund Overtopped Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A8NE (S)	526	2	470600 105500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Urban Runoff Note: Oil On Stream Incident Date: 25th October 1996 Incident Reference: 796498 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	717	2	471500 106200
70	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Other Location: Boys Brigade Gardens, Elm Lane, Park Road North Authority: Environment Agency, Southern Region Pollutant: Unknown Sewage Note: Possible Contamination By Sewage Incident Date: 2nd October 1997 Incident Reference: 797533 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	737	2	471500 106395
70	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Market Parade, HAVANT Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Dirty Stream; Water Company Sewage: Other Incident Date: 12th June 1995 Incident Reference: 1898 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	739	2	471500 106400
71	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Budds Farm Stw Outfall Authority: Environment Agency, Southern Region Pollutant: Sewage - Treated Effluent Note: Solids Carry Over To Effluent Incident Date: 21st May 1992 Incident Reference: 87 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Water Company STW Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	813	2	470600 105200
72	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: Cjh Tyres, 3A Brockhampton Lane, HAVANT Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Cleaning Fluid In Stream At Rear Of Premises Incident Date: 10th October 1996 Incident Reference: 796470 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NW (E)	816	2	471600 106200
73	Pollution Incidents to Controlled Waters Property Type: Other Transport Location: A27 Between A3 And Havant Authority: Environment Agency, Southern Region Pollutant: Organic Wastes: Milk Note: Leaking Milk Tanker; Road (Road Traffic Accident) Incident Date: 25th May 1995 Incident Reference: 1866 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	820	2	469600 105600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	Pollution Incidents to Controlled Waters Property Type: Road Location: U/S Of De La Rue Premises Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Diesel In Stream Incident Date: 19th October 1992 Incident Reference: 337 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	A15SW (E)	845	2	471600 106000
75	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: Solent Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Diesel Oil In Stream Incident Date: 28th January 1997 Incident Reference: 797046 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A15SW (E)	873	2	471600 105900
76	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil In Stream; Miscellaneous Premises: Unknown Incident Date: 29th March 1995 Incident Reference: 1766 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	A10NW (E)	902	2	471600 105800
77	Prosecutions Relating to Authorised Processes Location: 1-3 Ridgway, HAVANT, Hampshire, PO9 1JS Prosecution Text: ENDS Report 296 (September 1999), Breaching the packaging regulations by failing to register, to take "reasonable steps" to recover its obligated tonnages of packaging waste and to provide a certificate of compliance. Prosecution Act: PRO(PW)R97 Hearing Date: 1st September 1999 Verdict: Guilty Fine: 1250 Costs: 0 Positional Accuracy: Manually positioned to the road within the address or location	A13SE (E)	33	2	470784 106101
78	Prosecutions Relating to Authorised Processes Location: Southmoor Lane, Havant, Po9 Prosecution Text: Tipping brick and rubble onto land without a WML Prosecution Act: Epa90 S33(1)(A) Hearing Date: 18th February 2005 Verdict: Guilty Fine: 400 Costs: 318 Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	484	2	470959 105662
79	Registered Radioactive Substances Name: Apollo Fire Detectors Ltd Location: 36 Brookside Road,, HAVANT, PO9 1JR Authority: Environment Agency, Southern Region Permit Reference: CD6209 Dated: 4th August 2009 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A14SW (SE)	329	2	471032 105930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	Registered Radioactive Substances Name: Apollo Fire Detectors Ltd Location: 36 Brookside Road, Havant, Hampshire, PO9 1JR Authority: Environment Agency, Southern Region Permit Reference: Bjr8812 Dated: 23rd January 2001 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SW (SE)	329	2	471032 105930
79	Registered Radioactive Substances Name: Apollo Fire Detectors Ltd Location: 36 Brookside Road, HAVANT, Hampshire, PO9 1JP Authority: Environment Agency, Southern Region Permit Reference: AW6707 Dated: 10th October 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A14SW (SE)	329	2	471032 105930
80	Registered Radioactive Substances Name: Apollo Fire Detectors Ltd Location: 2-8 Solent Road, HAVANT, Hampshire, PO9 1JH Authority: Environment Agency, Southern Region Permit Reference: AC1369 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A14SW (E)	347	2	471094 106042
80	Registered Radioactive Substances Name: Apollo Fire Detectors Ltd Location: 2-8 Solent Road, HAVANT, Hampshire, PO9 1JH Authority: Environment Agency, Southern Region Permit Reference: AC1385 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Automatically positioned to the address	A14SW (E)	349	2	471094 106037
81	Registered Radioactive Substances Name: Apollo Fire Detectors Ltd Location: 36 Brookside Road, HAVANT, PO9 1JR Authority: Environment Agency, Southern Region Permit Reference: Bu7260 Dated: 5th June 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A14SW (SE)	364	2	471016 105851
	River Quality Name: Hermitage Strm GQA Grade: River Quality C Reach: Tidal Limit - Source Estimated Distance 14.8 (km): Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	A13NW (NW)	0	2	470518 106160
	River Quality Name: Lavant (Hants) GQA Grade: River Quality A Reach: Tidal Limit - Source Estimated Distance 6.5 (km): Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14SE (E)	586	2	471361 106077

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	River Quality Chemistry Sampling Points Name: Hermitage Stream Reach: Tidal Limit To Source Estimated Distance: 14.80 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied	A19SW (NE)	555	2	471073 106778
83	Substantiated Pollution Incident Register Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 3rd December 2012 Incident Reference: 1064967 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Inert Materials And Wastes: Soils And Clay	A18SE (N)	205	2	470650 106493

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Havant Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct 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 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	40	2	470480 106270
84	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 102 Location: Havant Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct 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 January Authorised End: 31 December Permit Start Date: 9th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	40	2	470480 106270
84	Water Abstractions Operator: Portsmouth Water Co Licence Number: 11/42/36.2/1 Permit Version: 100 Location: Havant Ps Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct 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 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	40	2	470480 106270
85	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Bedhampton Ps Spring No 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct 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 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (N)	114	2	470580 106370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 102 Location: Bedhampton Ps Spring No 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct 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 January Authorised End: 31 December Permit Start Date: 9th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (N)	114	2	470580 106370
85	Water Abstractions Operator: Portsmouth Water Co Licence Number: 11/42/36.2/1 Permit Version: 100 Location: Bedhampton Ps Spring No 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 164565 Yearly Rate (m3): 42732400 Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (N)	114	2	470580 106370
86	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct 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 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	261	2	471020 106370
86	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 102 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct 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 January Authorised End: 31 December Permit Start Date: 9th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	261	2	471020 106370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	Water Abstractions Operator: Portsmouth Water Co Licence Number: 11/42/36.2/1 Permit Version: 100 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct 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 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	261	2	471020 106370
	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: >90% Patchiness: 3-10m Superficial Thickness: No Data Superficial Recharge:	A13SE (S)	0	4	470559 106000
	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: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A13SE (S)	0	4	470559 106139
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	A13SE (S)	0	4	470559 106139
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	A13SE (S)	0	4	470559 106000
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SE (S)	0	4	470559 106139
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (S)	0	4	470559 106139
87	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13NW (N)	0	2	470545 106218
88	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone Ic (Inner Protection Zone): Travel time of 50 days or less to the groundwater source - subsurface activity only.	A18SE (N)	201	2	470582 106530

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: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	0	2	470600 106242
	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	A13NE (NE)	0	2	470604 106244
	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	A13NE (N)	0	2	470560 106224
	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	A13NW (N)	0	2	470548 106221
	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	A13NE (N)	0	2	470562 106225
	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	A13NE (N)	0	2	470565 106226
	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	A13NE (N)	0	2	470568 106227
	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	A13NW (W)	0	2	470507 106153
	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	A13NE (N)	0	2	470574 106230
	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	A13NE (N)	0	2	470575 106231
	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	A13NE (N)	0	2	470578 106232
	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	A13NE (N)	0	2	470580 106233
	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	A13NE (N)	0	2	470583 106234
	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	A13NE (N)	0	2	470585 106235
	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	A13NE (N)	0	2	470588 106236
	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	A13NE (N)	0	2	470590 106237

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	A13NE (N)	0	2	470594 106238
	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	A13NE (NE)	0	2	470605 106244
	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	A13NE (NE)	0	2	470618 106250
	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	A13NE (NE)	0	2	470620 106251
	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	A13NE (N)	0	2	470596 106239
	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	A13NE (N)	0	2	470597 106240
	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	A13NE (NE)	0	2	470604 106243
	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	A13NW (N)	0	2	470536 106220
	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	A13NE (N)	0	2	470573 106230
	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	A13NE (N)	0	2	470574 106231
	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	A13NE (N)	0	2	470576 106232
	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	A13NE (N)	0	2	470579 106233
	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	A13NE (N)	0	2	470582 106234
	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	A13NE (N)	0	2	470586 106236
	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	A13NE (N)	0	2	470589 106237
	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	A13NE (N)	0	2	470591 106238

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: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	0	2	470594 106239
	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	A13NE (NE)	0	2	470607 106245
	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	A13NE (NE)	0	2	470619 106251
	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	A13NE (NE)	0	2	470645 106235
	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	A13NE (N)	0	2	470559 106224
	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	A13NE (N)	0	2	470560 106225
	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	A13NE (N)	0	2	470564 106226
	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	A13NE (N)	0	2	470567 106227
	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	A13NW (N)	0	2	470539 106221
	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 (W)	1	2	470375 106104
	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 (W)	2	2	470358 106088
	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	A13NW (W)	2	2	470407 106162
	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	A13NW (W)	2	2	470412 106174
	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	A13NW (W)	4	2	470402 106156
	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	A13NW (W)	4	2	470407 106165
	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	A13NW (W)	4	2	470408 106165

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: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13SW (W)	5	2	470355 106082
	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 (W)	5	2	470358 106087
	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	A13NW (N)	6	2	470544 106235
	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 (W)	7	2	470339 106048
	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	A13NE (NE)	8	2	470628 106271
	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	A13NE (NE)	8	2	470719 106309
	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	A13NE (NE)	10	2	470615 106264
	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	A13NE (NE)	10	2	470635 106276
	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	A13NE (NE)	10	2	470634 106275
	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	A13NE (NE)	10	2	470680 106313
	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	A13NE (N)	11	2	470559 106239
	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	A13NE (NE)	11	2	470623 106269
	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	A13NE (NE)	11	2	470626 106270
	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	A13NE (NE)	11	2	470632 106274
	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	A13NE (NE)	11	2	470633 106275
	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	A13NE (NE)	11	2	470625 106269

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: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	11	2	470627 106270
	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	A13NE (NE)	11	2	470632 106274
	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	A13NE (NE)	11	2	470633 106274
	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	A13NW (W)	12	2	470401 106175
	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	A13NE (NE)	12	2	470622 106268
	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	A13NE (NE)	12	2	470622 106267
	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	A13NE (NE)	12	2	470623 106268
	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	A13NW (W)	13	2	470388 106148
	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	A13NW (W)	13	2	470389 106150
	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	A13NE (NE)	13	2	470615 106263
	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 (W)	14	2	470377 106129
	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	A13NW (W)	14	2	470392 106156
	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 (W)	15	2	470345 106086
	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 (W)	18	2	470326 106044
	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)	23	2	470306 106003
	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	A13NE (N)	23	2	470558 106251

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	A13NE (N)	24	2	470557 106252
	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)	25	2	470322 105945
	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)	26	2	470306 105982
	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)	27	2	470305 105980
	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	A13NW (N)	27	2	470553 106252
	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)	28	2	470304 105977
	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)	29	2	470303 105974
	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)	29	2	470304 105971
	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)	36	2	470300 105954
	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)	37	2	470300 105951
	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 (W)	37	2	470321 106088
	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 (W)	37	2	470305 106042
	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)	38	2	470299 105950
	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 (W)	38	2	470305 106043
	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)	42	2	470314 105930
	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 (W)	44	2	470305 106064

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: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	45	2	470312 106088
	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 (W)	46	2	470312 106089
	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 (W)	47	2	470311 106089
	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)	47	2	470291 105946
	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 (W)	48	2	470310 106090
	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 (W)	48	2	470311 106090
	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)	49	2	470290 105945
	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 (W)	52	2	470308 106097
	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 (W)	52	2	470308 106094
	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	A13SE (E)	55	2	470781 106053
	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 (W)	57	2	470334 106141
	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	A13NW (W)	60	2	470341 106160
	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	A13NW (W)	63	2	470337 106169
	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 (W)	67	2	470309 106124
	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 (W)	68	2	470311 106131
	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 (W)	74	2	470308 106135

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 (W)	74	2	470311 106140
	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	A13NW (W)	78	2	470310 106144
	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	A13NW (W)	78	2	470311 106144
	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	A13NW (W)	79	2	470311 106150
	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	A13NW (W)	80	2	470313 106153
	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	A13NW (W)	80	2	470315 106154
	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	A13NW (W)	80	2	470317 106157
	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	A13NW (W)	80	2	470312 106150
	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	A13NW (W)	80	2	470315 106153
	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	A13NW (W)	80	2	470316 106154
	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	A13NW (W)	80	2	470318 106157
	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)	82	2	470307 105890
	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)	87	2	470290 105891
	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)	87	2	470300 105887
	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	A13NE (NE)	93	2	470682 106387
	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)	94	2	470301 105880

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	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	A13NW (W)	95	2	470317 106199
	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)	99	2	470289 105879
	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)	105	2	470299 105868
	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)	105	2	470288 105872
	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)	106	2	470287 105872
	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)	109	2	470299 105864
	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)	110	2	470288 105868
	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)	114	2	470286 105864
	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)	115	2	470286 105862
	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)	118	2	470298 105855
	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)	120	2	470278 105860
	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)	120	2	470278 105861
	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)	122	2	470285 105856
	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	A13NW (W)	123	2	470298 106225
	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	A13SE (SE)	129	2	470786 105975
	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	A14SW (E)	150	2	470911 106118

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: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	224	2	470244 106349
	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	A18SE (NE)	225	2	470877 106512
	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	A13NE (NE)	0	2	470641 106239
	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	A13NE (NE)	0	2	470621 106253
	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	A13NE (NE)	0	2	470620 106252
	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	A13NE (N)	0	2	470563 106226
	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	A13NE (N)	0	2	470565 106227
	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	A13NE (N)	0	2	470568 106228
	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	A13NE (N)	0	2	470570 106229
	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	A13NE (N)	0	2	470579 106233
	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	A13NE (N)	0	2	470584 106235
	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	A13NE (N)	0	2	470588 106237
	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	A13NE (N)	0	2	470591 106238
	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	A13NE (N)	0	2	470595 106239
	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	A13NE (N)	0	2	470596 106240
	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	A13NE (NE)	0	2	470604 106244

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	A13NE (NE)	0	2	470608 106246
	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	A13NE (NE)	0	2	470610 106247
	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	A13NE (NE)	0	2	470613 106248
	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	A13NE (NE)	0	2	470616 106250
	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	A13NE (NE)	0	2	470621 106252
	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	A13NE (N)	0	2	470582 106235
	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	A13NE (N)	0	2	470587 106237
	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	A13NE (N)	0	2	470569 106229
	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	A13NE (N)	0	2	470590 106238
	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	A13NE (N)	0	2	470592 106239
	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	A13NE (N)	0	2	470595 106240
	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	A13NE (N)	0	2	470573 106231
	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	A13NE (N)	0	2	470574 106232
	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	A13NE (N)	0	2	470577 106233
	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	A13NW (N)	0	2	470538 106221
	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	A13NE (N)	0	2	470559 106225

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: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	0	2	470562 106226
	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	A13NE (N)	0	2	470564 106227
	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	A13NE (N)	0	2	470567 106228
	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	A13NE (NE)	0	2	470613 106249
	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	A13NW (N)	0	2	470538 106221
	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	A13NE (N)	0	2	470601 106242
	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	A13NE (NE)	0	2	470606 106246
	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	A13NE (NE)	0	2	470608 106247
	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	A13NE (NE)	0	2	470610 106248
	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	A13NE (N)	0	2	470561 106225
	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	A13NW (N)	0	2	470548 106222
	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	A13NW (W)	0	2	470505 106153
	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	A13NE (N)	0	2	470574 106231
	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	A13NE (N)	0	2	470575 106232
	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	A13NE (NE)	1	2	470623 106253
	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 (W)	1	2	470375 106104

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: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	2	2	470358 106088
	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	A13NW (W)	2	2	470412 106174
	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	A13NW (W)	2	2	470407 106161
	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	A13NW (NW)	3	2	470426 106224
	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	A13NW (W)	4	2	470407 106165
	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	A13NW (W)	4	2	470402 106156
	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	A13NW (W)	4	2	470408 106165
	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 (W)	5	2	470355 106082
	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 (W)	5	2	470358 106087
	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	A13NW (NW)	5	2	470426 106225
	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	A13NW (N)	5	2	470540 106233
	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	A13NW (NW)	5	2	470427 106227
	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	A13NW (NW)	5	2	470429 106229
	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	A13NW (NW)	5	2	470428 106229
	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	A13NW (NW)	6	2	470436 106236
	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 (W)	7	2	470339 106048

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	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	A13NE (NE)	8	2	470627 106270
	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	A13NE (NE)	9	2	470634 106275
	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	A13NE (NE)	9	2	470636 106276
	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	A13NE (NE)	10	2	470626 106269
	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	A13NE (NE)	10	2	470636 106275
	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	A13NE (NE)	10	2	470615 106263
	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	A13NE (N)	10	2	470559 106239
	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	A13NE (NE)	11	2	470625 106268
	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	A13NE (NE)	11	2	470634 106274
	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	A13NE (NE)	11	2	470625 106269
	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	A13NW (W)	12	2	470401 106175
	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	A13NE (NE)	12	2	470615 106262
	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	A13NW (W)	13	2	470388 106148
	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	A13NW (W)	13	2	470389 106149
	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 (W)	14	2	470376 106128
	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	A13NW (W)	14	2	470392 106156

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: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13SW (W)	15	2	470345 106086
	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 (W)	17	2	470332 106075
	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 (W)	18	2	470326 106044
	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	A13NE (NE)	20	2	470692 106314
	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	A13NE (N)	21	2	470558 106249
	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	A13NE (NE)	22	2	470681 106313
	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)	23	2	470306 106003
	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	A13NW (N)	24	2	470553 106249
	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)	25	2	470322 105945
	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)	25	2	470307 105983
	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	A13NW (N)	25	2	470554 106251
	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)	29	2	470304 105971
	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)	30	2	470303 105974
	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 (W)	34	2	470321 106078
	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 (W)	36	2	470317 106075
	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)	36	2	470300 105953

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: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13SW (W)	36	2	470317 106073
	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)	37	2	470300 105951
	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 (W)	37	2	470305 106042
	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 (W)	38	2	470305 106043
	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)	38	2	470299 105950
	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 (W)	39	2	470314 106073
	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)	42	2	470314 105930
	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 (W)	44	2	470305 106063
	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 (W)	44	2	470309 106076
	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)	47	2	470292 105946
	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)	49	2	470290 105945
	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 (E)	55	2	470781 106053
	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 (W)	59	2	470333 106142
	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	A13NW (W)	61	2	470341 106163
	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)	82	2	470307 105890
	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)	87	2	470300 105887

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	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)	87	2	470290 105891
	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)	94	2	470301 105880
	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)	99	2	470289 105879
	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	A13NW (W)	101	2	470315 106200
	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)	105	2	470299 105868
	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)	105	2	470288 105872
	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)	106	2	470287 105872
	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)	109	2	470299 105864
	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)	110	2	470288 105868
	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)	114	2	470286 105864
	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)	115	2	470286 105862
	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)	118	2	470298 105855
	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)	119	2	470279 105862
	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)	122	2	470278 105858
	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)	122	2	470285 105856
	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	A13NW (W)	123	2	470298 106225

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: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	129	2	470786 105975
	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)	150	2	470278 105827
	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)	154	2	470279 105823
	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)	154	2	470279 105824
	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)	155	2	470280 105822
	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	A14SW (E)	190	2	470948 106103
	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	A18SE (NE)	225	2	470877 106512
	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	A13NW (NW)	225	2	470241 106347
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 831.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A13NW (NW)	0	5	470555 106144
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 514.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A13NW (N)	4	5	470554 106231
91	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 176.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A13NW (W)	5	5	470408 106173

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A13NW (N)	5	5	470543 106228
93	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 22.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13SW (W)	6	5	470355 106083
94	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 88.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A13SW (W)	6	5	470355 106083
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (N)	7	5	470554 106231
96	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 94.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A13SW (W)	12	5	470309 106077
97	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	A13SW (SW)	12	5	470334 105955
98	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 60.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A13SW (SW)	12	5	470320 106003
99	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 174.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (W)	27	5	470390 106197
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13SW (W)	28	5	470340 106100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13SW (W)	32	5	470338 106105
102	OS Water Network Lines Watercourse Form: Tidal river Watercourse Length: 317.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A13SW (SW)	33	5	470309 105944
103	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 39.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A13SW (W)	40	5	470332 106109
104	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 24.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13SW (W)	40	5	470345 106129
105	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13SW (W)	41	5	470345 106129
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13SW (W)	56	5	470333 106138
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (W)	106	5	470309 106197
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13SW (S)	115	5	470526 105901
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (NW)	140	5	470463 106371