Phase I Environmental Assessment

Langstone Technology Park, Havant, PO9 1SA

Presented to **Havant S.a.r.l**

Issued: November 2020

Delta-Simons Project No. 15-0754.07

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Report Details

Client	Havant S.a.r.l
Report Title	Phase I Environmental Assessment
Site Address	Langstone Technology Park, Havant, PO9 1SA
Project No.	15-0754.07
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Quality Assurance

Issue No.	Status	Issue Date	Comments	Author	Technical Review	Authorised
01	Final	13/11/2020	-	[redacted]		
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Executive Summary

Site Use & Surrounding Area	The Site is occupied by a science park comprising a number of interlinked commercial offices and light industrial properties, with car parking, access roads and limited landscaping. The Site is located in a mixed commercial and residential area.
Environmental Setting	The Site is considered to be of a moderate environmental sensitivity given: the presence of Secondary A Aquifers (which comprises some cohesive deposits) over a Principal Aquifer; the proximity of the Mill Stream; the presence of statutory designated ecological sites downstream of the Site (Chichester and Langstone harbour); and the mixed commercial, light industrial and residential use of the surrounding area.
Contamination Potential	While chemical storage, diesel back-up generators and electrical substations were previously identified on-Site, the Site appeared well managed and no significant potential contamination concerns were noted associated with the current Site use. The Site was predominantly unoccupied until the development of a sewage works in the north-east by 1909. By 1973, the sewage works was no longer present, and the Site had been redeveloped into an IBM computer products manufacturer. Since the 1970's, some redevelopment has occurred on-Site, though the main buildings have largely remained unchanged. Potentially contaminative uses associated with the computer manufactory include previous 'wet' processes in B1000, diesel powered boilers in the area of the current gas boiler systems (B3000), an effluent treatment and chemical storage area in the area of B22, and effluent treatment and former chemical storage in the area of B41 and B42. Also, a former pollution incident was reported to have occurred in the 1980's, however, no further details are known. Based on the recent available information, two hotspots of hydrocarbon contamination have been identified with recommendations for off-Site removal, and it was considered for the areas investigated basic gas protection measures should be installed.
Contaminant Linkage Assessment & Land Contamination Conclusions	Delta-Simons has completed a land contamination risk assessment based upon available information. Information has indicated that significant widespread contamination is unlikely to be present. However, localised contamination was recently identified at the Site, which it has been recommended to be remediated (excavated) and given the historical use of the Site, the potential for further localised contamination to be present is possible. It is, therefore, considered that the risk of significant possible contaminant linkages to exist is low to moderate for a continued use and for the proposed redevelopment.
Key Land Contamination Recommendations	No further works are considered to be required for land contamination purposes in the context of an ongoing use. A number of recommendations have been provided associated with the proposed development in Section 4.1.
Overall Land Contamination Statement of Risk	On the basis of available information, Delta-Simons considers that with regard to potential land contamination issues and associated environmental liabilities, in its current use or future redevelopment, the Site represents an overall investment opportunity with a **Low to Moderate** risk.

Flood Risk Advisory	Based on the information reviewed, the majority of the Site is not located within an area considered to be of an elevated risk of fluvial flooding. Several areas of the Site are shown to be at potential risk of surface water flooding, however, no associated issues were reported on-Site with the exception of minor water ingress at Building 1000. Available information indicates that flooding events have occurred at the Site associated with surcharging of the foul system, however, it is understood that a non-return valve was installed at the Site. Whilst a Flood Risk Assessment is available for the current development proposals, it is likely that a further assessment and drainage strategy will be required to support the proposed redevelopment of the Client's masterplan.
This is intended as a summary only. Further detail and limitations of the assessment is provided within the main body of the Report.	

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1.0 Introduction

1.1 Appointment

Delta-Simons Environmental Consultants Limited ("Delta-Simons") was instructed by Havant S.a.r.l (the "Client") to carry out a Phase I Environmental Assessment of Langstone Technology Park, Havant, PO9 1SA (the "Site").

1.2 Context & Purpose

The aim of this assessment is to consider the potential for land contamination related liabilities to be present prior to the potential investment of the Site, and future redevelopment with several new buildings for the park.

1.3 Scope of Works

The scope of works undertaken for this assessment was:

- Review of the environmental setting of the Site, including the current use/ status of the Site and surrounding area, and review of the geology, hydrogeology and hydrology;
- Review of the historical activities of the Site and surrounding area;
- Review of regulatory database information relating to the Site;
- Review of the online planning records for the Site;
- Consult and review information from the Local Authority in relation to Part 2A of the Environmental Protection Act;
- Review of relevant third party reports relating to the Site or surrounding area;
- Develop an outline Conceptual Site Model and a qualitative assessment of the potential for land contamination related liabilities to be present; and
- Complete a review of the flood risk associated with the Site.

A list of the data sources consulted is provided in Appendix A.

The scope of works did not include a Site reconnaissance; however, Delta-Simons have previously undertaken visits in 2015, 2018 and 2019.

1.4 Limitations

The standard limitations associated with this assessment are presented in Appendix B.

2.0 Site Context & Data Review

2.1 Site Information



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Bing maps

Site Location		Site Layout	
Co-ordinates	Centred approximately at National Grid Reference 471300, 105700.	Elevation	Approximately 4 to 8 m AOD
		Area	14.3 Ha
Site Location	The Site is located to the south-west of the junction of the A27 and A3023, in the Langstone area of Havant.		
Current Site Use	The Site is occupied by a science park comprising a number of interlinked commercial offices and light industrial buildings, with car parking in the south, east and north of the Site, hardstanding and access roads and landscaping confined to limited areas. A brief summary of the building uses is summarised below: ▲ Building 1000 (B1000) – predominantly offices (partly vacant) with some laboratories and a warehouse; ▲ Building 2000 (B22) – general maintenance store and water softening equipment; ▲ Building 3000 (B3000) – main plant room (including boilers and chillers); ▲ Building 4000 (B4000) – offices and canteen; ▲ Building 5000 (B5000) – data centre, offices and small electronics repair centre; ▲ Building 6000 (B6000) – main reception, offices and call centres; ▲ Building 7000 (B7000) – offices and laboratories; ▲ Building 41 (B41) – gym; ▲ Building 42 (B42) – electrical substation; and ▲ A nursery is also present in centre of the Site.		

Previous Site Reconnaissance	Delta-Simons has conducted Site visits on 29th July 2015, 27th April 2018 and 18th June 2019 as part previous assessments. A series of Site photographs from the walkovers are presented as Appendix C and a Site Plan showing the references to the main features is presented as Figure 1. Pertinent information that was observed or reported on-Site is summarised as follows: ▲ A large waste storage area and waste processing building (E and 1C, Figure 1) constructed in circa 2011 was present in western part of Site, comprising: two compactors for general, mixed recycling and cardboard waste, trade waste bins and wheelie bins. A large water tank and pump room was also located in this area. Two further waste storage areas comprising the same waste streams but also including feed waste were located adjacent to the backup generator by B4000 (1D, Figure 1) and within B4000 (1E, Figure 1) associated with food waste and bunded waste cooking oil storage (spill kits were noted to be present). Dark staining was noted on the asphalt hardstanding in the vicinity of the waste cooking oil. A large cooking pot containing waste oil was also noted in this area without secondary containment. A Waste Electrical and Electronic Equipment (WEEE) bin and a fluorescent light bulb container were stored at ground level in B1000 (1F Figure 1); ▲ A diesel back-up generator with an associated bunded 1,400 L capacity aboveground storage tank (AST) and a battery bank was located on an enclosed concrete platform between B3000 and B4000 (1D, Figure 1). No staining was noted beneath the external fill point or within the tank bund, however, minor staining was present beneath the generator unit. Spill kits were observed in this area. The Site representative stated that the AST was refilled manually using 200 L drums once per year. The bund was also fitted with a leak alarm; ▲ A tenant operated diesel-powered back-up generator with an associated approximate 6,000 L capacity AST was located adjacent to the west of B2000 (1G, Figure 1). The Site representative informed Delta-Simons of a small diesel leak, however, this was contained within the generator's transmitter box in 2018. The total amount of spilled oil was approximately 3 L; ▲ The Site representative stated that there were a further three tenant operated diesel-powered back-up generators located within B1000. However, no access was granted during the Site walkover; ▲ Two sprinkler pumps were located in B1000 (1F, Figure 1) of which one was electricity powered and one diesel powered. The diesel powered pump was connected by aboveground pipework to an approximate 1,000 L capacity AST situated in a bund. No hydrocarbon staining was noted within the bund or within the vicinity of the pipework and pump. The Site representative indicated that the AST was refilled manually from drums using a hand pump; ▲ Asbestos containing materials (ACMs) are common across the Site. An online, interactive register is held and asbestos signage is present in several areas. Envirochem were reportedly responsible for annual reinspection and asbestos removal at the Site. A secure ACMs store (assumed from maintenance activities) and fire extinguisher store was located within B1000 Area 3 (1F, Figure 1). ACMs are collected by a specialist contractor on an ad-hoc basis; ▲ A former chemical storage and processing area (V, Figure 1) was present in the south-west of the Site. Only concrete plinths and bunds remained, and no significant staining was observed. One of the bunds was reportedly undergoing infilling with construction materials (asphalt, concrete etc.). A former vehicle washdown area/catchment pit was present in this area, and an area of adjacent car parking was noted to be partially flooded; ▲ The area in the south-west (V, Figure 1) in 2015 was reportedly associated with a deionised water production plant and caustic storage area, in addition to an effluent treatment plant and buffer holding tanks. Used engines/ motors were noted to be stored on pallets externally in this area in 2015;

- In 2018, a newly landscaped area with a vent pipe (assumed associated with drainage) was located along the south-western Site boundary;
- A former gardener's store was present in the south-west (N, Figure 1);
- A secure drum store with several 200 L capacity drums containing substances marked as toxic organic solids, mixed agrochemicals and agrochemical washings (some provided with drip trays) was situated at ground floor level in the south-western area of B1000. A compressed gas cylinder store was also located in this area which included air, nitrogen, hydrogen and helium (F, Figure 1). A bunded 10,000 L capacity AST for diluted waste process fluid, associated with fertilizer application research, was additionally located in the area of the drum store;
- A waste pallet storage area and compactor were present to the west of B5000 (G, Figure 1);
- Gardening waste storage, a contractor parking area and former electricity substation were located to the south-west of B5000 (H, Figure 1);
- A total of 15 electrical plant rooms were present across the Site (including J, K and L, Figure 1), including substations, transformers and electrical switch gear. All appeared to be in good order and no spillages of transformer oils was noted, baring minor staining within a transformer bund to the east of B3000. During the walkover in 2018, Delta-Simons was informed by the Site representative that all PCBs had been removed and converted to silicone-based oils;
- A building (B22) in the north-west of the Site (M, Figure 1) was used as a general maintenance store and contained a brine tank, water softening tanks and rainwater tanks. Also, present were: two 200 L capacity drums containing switchgear insulating oil on a wooden pallet; two 200 L drums containing waste water and glycol mix; a small hazardous chemical store; battery store; paint locker; rock salt store; gardening equipment; and chemical store. Delta-Simons was informed by the Site representative that a former pH testing and deionising plant had been removed approximately 10 years ago. A disused waste process water treatment plant was also located in B22;
- During the 2015 walkover, the Site Facilities Manager stated that the area around B22 had been used by the former tenant (IBM) as a chemical store and processing area, with two remnant ASTs remaining in 2015. The former processes were understood to include air and chemical extraction systems, solvent recovery plant, carbon absorption tanks, and storage of hydrochloric acid, sodium hyperchloride, xylene, nitrogen and cyanide;
- B3000 (1H, Figure 1) contained three gas boilers, water treatment chemicals (zinc chloride, biocide, sodium nitrite and potassium hydroxide all provided with secondary containment) and three chillers;
- During the 2018 walkover, a small diesel spill from a vehicle was reported in the south-west of the southern car park area, which was reported to have been managed with spill kits. Also, empty cooking oil drums and an abandoned vehicle were identified next to the Mill Stream;
- In 2015, Delta-Simons was informed by the Facilities Manager that a pollution incident which required remediation works had occurred in 1984, however, no further details were available;
- A surface water pump house was present to the east of B6000 (O, Figure 1);
- According to a drainage plan provided for review on-Site, eight oil interceptors are present within the Site's surface water drainage system (including P & Q, Figure 1) which were reported to be inspected every six months and serviced/ emptied every 18 months. The Site representative indicated that surface water runoff from the eastern area of the Site discharges into the Mill Stream; and

	▲ A discharge consent (Ref: 725513403, dated 13th July 2007) for the release of waste-water from the cooling tower system to the sewer is held on-Site. *While chemical storage, diesel back-up generators and electrical substations were present on-Site, the Site appeared well managed and no significant potential contamination concerns were noted associated with the current Site use. However, based on discussions with Site personnel and observations, potentially contaminative processes were undertaken on-Site associated with the former use, particularly in the south-west and in the central western area. A former pollution incident was also reported in the 1980's.*	
Current Surrounding Area	**North**	Landscaping and the A27 with a retail park beyond (including a petrol filling station).
	East	The Mill Stream with a hotel, restaurant and residential properties with gardens beyond.
	South	Endeavour Business Park comprising commercial office and distribution units.
	West	Commercial office, distribution and light manufacturing units with a sewage works beyond.
	The surrounding land use is considered to represent a potential off-Site source of contamination.	
Future Redevelopment	It is understood that the Client may undertake redevelopment of the Site in future. Planning permission has been granted for 'Part-demolition of Building 1000 and associated works; the erection of new flexible use industrial units; and a new parking layout with associated works' on 22nd July 2020 (reference: APP/19/00703). However, the current proposed masterplan includes additional redevelopment of the majority of the Site to include the demolition of several buildings and refurbishment of Buildings 4000 and 6000, with the addition of a multi-storey car park. A copy of the masterplan is provided as Drawing 1.	

2.2 Environmental Setting

Geology	From Geology Mapping within the Envirocheck® Report and information provided by the BGS, the Site is indicated as being predominantly underlain by superficial deposits of Alluvium comprising clay, silt, sand and gravel. River Terrace Deposits, comprising sand, silt and clay are shown in the north-western and south-western corners of the Site. A small area of Head Deposits, comprising clay and gravel, is shown in the south-west of the Site between the boundary of the Alluvium and Terrace Deposits. The underlying bedrock comprises the Lewes Nodular, Seaford, Newhaven, Culver and Portsdown Chalk Formations. An area of Made Ground is shown adjacent to the north-east of the Site. While no Made Ground is shown on-Site from available BGS mapping, given the development history, Made Ground would be anticipated to be present above the superficial deposits.
Specific Geology	During an investigation across the southern area of the Site in 2019, ground conditions identified comprised: ▲ Tarmac and sub-base, or grass and topsoil, underlain by Made Ground (granular deposits with brick, concrete and occasional pottery and slate or cohesive deposits with gravels including flint, concrete and occasional brick and chalk) to 3.1 metres below ground level (m bgl);

	▲ Superficial River Terrace/ Brickearth across the majority of the Site comprising silty, sandy gravelly Clay, with silty peat identified at one location to, and also clayey sandy gravel to 5.5 m bgl; ▲ Weathered Chalk bedrock comprising sandy gravelly clay or clayey sandy gravel with gravel comprising chalk and flints to 6.0 m bgl; over ▲ Chalk to a maximum depth of 24.9 m bgl. Fragments of organic material (including decaying wood, rootlets and grass) were also identified at three locations between 0.2 m and 3.1 m bgl.
Hydrogeology	The EA classifies the superficial deposits as Secondary A Aquifers and the Chalk as a Principal Aquifer. The EA data also indicates that the Site is not in a designated groundwater Source Protection Zone (SPZ), however, a SPZ 1 (inner zone) is located approximately 170 m to the north-east associated with two potable groundwater abstractions listed 460 m to the north and 710 m to the north-west. During a recent investigation, groundwater was identified within the superficial deposits between 2.1 and 2.8 m bgl rising to 2.0 and 2.5 m bgl. Within the two deeper locations, groundwater was identified at depths of 5.8 and 6.0 m bgl rising to 3.0 m bgl.
Hydrology	The Mill Stream is located adjacent to the east of the Site, which flows to the coast approximately 750 m to the south. According to the Envirocheck® Report, there are no licensed abstraction records from surface water located within 1 km of the Site.
Coal Mining	The Site is not located within an area that is potentially affected by coal mining activity.
Radon Gas	The Site lies within an area where less than 1% and 3-5 % are at or above the Public Health England recommended "action level" for radon. The Envirocheck® Report indicates that basic radon protective measures are necessary in the construction of new buildings or extensions at the Site.
Ecological Receptors	It is understood that there is a tree preservation order in place for the north-western area of the Site. It is understood from information provided within the Envirocheck® Report that the Chichester and Langstone Harbour, listed 315 m to the south and 459 m to the south east of the Site, is classed as: an Area of Outstanding Natural Beauty; a Ramsar Site; a Site of Special Scientific Interest; and a Special Protection Area.
Heritage Interest	According to historicengland.org.uk, the closest area of heritage interest is located approximately 95 m to the north-east of the Site associated with a Grade II Listed Building (Langstone Hotel). The Solent Maritime located 545 m south-west is also classified as a Special Area of Conservation.
Environmental Sensitivity	*The Site is considered to be of a moderate environmental sensitivity given: the presence of Secondary A Aquifers (which comprises some cohesive deposits) over a Principal Aquifer; the proximity of the Mill Stream; the presence of statutory designated ecological sites downstream of the Site (Chichester and Langstone harbour); and the mixed commercial, light industrial and residential use of the surrounding area.*

2.3 Historical Use of the Site & Surrounding Area

Approach	The historical development of the Site and surrounding area has been assessed through a review of available historical OS maps, Google Earth historical satellite imagery and other sources. A summary of the key historical Site uses and developments in the surrounding area is presented below. Copies of pertinent historical maps are included as Appendix D.
Historical Features On-Site	From the earliest available mapping dated 1867, the Site was predominantly in agricultural use with small unspecified buildings, watercourses, and an orchard partially located in the north-west. On 1897 mapping, an aqueduct and sluice were labelled along a watercourse in the south of the Site, subsequently labelled as a drain from 1953 mapping. By 1909 mapping, the north-east of the Site was developed with a sewage works with associated filter and sludge beds, and an engine house. Further development to both the sewage works and small buildings are noted between 1932 and 1969 mapping. From 1953 mapping, an allotment garden was labelled in the centre of the Site. From 1968 mapping, the entire Site had been redeveloped with a works and hardstanding in the centre of the Site. A separate building and an electricity substation were located in the south of the Site also at this time. It is noted that slopes are shown surrounding the majority of the buildings suggesting that Site levels were raised. Between 1984 and 1989 mapping, the Site was further developed to a layout largely consistent with the current format when the southern third of the Site was redeveloped with car parking removing the former structure in this area. Also, the south-west of the Site was occupied by several tanks, with further tanks and an electricity substation labelled in the west of the Site. A review of aerial imagery provided by Google Earth shows the Site in its contemporary layout between 1999 and current imagery, with the exception of minor reconfiguration of plant and buildings in the south-west of the Site and around B22.
Historical Information from other Sources	From internet searches, it is understood that the current Langstone Technology Park was formerly used by IBM as a computer products manufacturer (known as IBM Havant where many IBM computer products were made, such as disk files, mainframe computers, printers, ATMs, multiplexors and mid-range computers). In 1994, the Site began trading as Xyratex. A WSP 2005 assessment (discussed in Section 2.7) reported that the Site representative stated that B1000 was historically used for wet manufacturing processes. This included activities such as etching and substrate processes. The Site representative also reported to WSP that remediation in the form of decontamination of acid, arsenic and copper penetrated concrete was undertaken in 1998/ 1999 in B1000. This is reported to have involved the removal of concrete until it was proven that the remaining concrete was no longer contaminated. Effluents generated from B1000 were reported to be transferred to B41 (south-west corner of the Site) for treatment. After treatment processes were undertaken, the effluent was discharged from the Site via foul sewer. This discharge was reportedly regulated by a trade effluent discharge consent. The effluent treatment facilities were no longer operational in 2005 and had been partially decommissioned. It was also reported that B41 was historically used as a de-ionising water treatment plant. WSP indicated that B42 was reportedly formerly used for the storage of petroleum mixtures. A report produced by Campbell Reith Hill (discussed further in Section 2.7) suggests that the wider area was associated with decoy sites to draw German bombing raids away from areas such as Portsmouth during the Second World War.

Potentially Contaminative Historical Features Off-Site	Potential sources of contamination within 100 m of the Site include: ▲ Buildings associated with the wider sewage works located adjacent to the north of the Site between 1909 and circa 1969 mapping; ▲ Havant Mill (corn) located approximately 60 m to the north-east of the Site between 1867 and circa 1967 mapping; ▲ A works and plastics factory located approximately 25 m to the south-west of the Site from 1973 to the most recent map edition of 2015; ▲ A boatbuilding works/ unspecified works located approximately 50 m to the north-west of the Site from 1973. The unit was labelled as an unspecified works from 1993 and remains present; ▲ A pumping station with tank located approximately 25 m to the south-east of the Site from 1973 to circa 1993; ▲ A marine accessory works located approximately 60 m to the west of the Site from 1973. The unit increased in size by 1989 and was located 25 m west and the unit remains present; ▲ Industrial properties including factories, an electronics factory, an engineering works and a warehouse located approximately 80 m to the north of the Site from 1969 to circa 2006 when a large number of these were redeveloped as a superstore with a petrol filling station; and ▲ Further industrial units (including unspecified works, engineering works and factories) to the west from 1987 to the present. Within the wider area, pertinent features include Budd's Farm Sewage Works from approximately 125 m west from 1963. The works increased in size by 1969 and 1993, and remains present.
Unexploded Ordnance (UXO)	According to the Zetica risk map, the UXO risk at the Site is moderate. A Detailed Unexploded Ordnance Report by 1st Line Defence (DA8760-00, dated May 2019) has been identified for the Site. Overall, the report considered that there was a medium risk from German aerial delivered UXO and anti-craft UXO, with a low to medium risk from items of Allied Ordnance. A copy of the report is included within the Previous Reports as Appendix H.
Implications for Land Contamination Risk	*The historical uses of the Site, most notably the sewage works, computer manufacturing and ancillary processes, are considered to represent potential sources of contamination. Potential sources of contamination identified in the surrounding area include a mill, a sewage works, factories, an engineering works, a warehouse, a boatbuilding works/ works, a plastics factory, works, a pumping station with a tank and a petrol filling station.*

2.4 Environmental Database Review

Approach	The Landmark Envirocheck® Report provides a database of environmental information held by various bodies including the EA, Local Authority (LA), Health & Safety Executive (HSE) and the British Geological Survey (BGS) amongst others. A full copy of the Envirocheck® Report is provided in Appendix E and the most relevant information is summarised below.
Features On-Site	There are several relevant entries included within the Landmark Envirocheck® Report relating to the Site, summarised as follows: ▲ Four Discharge Consents (two noted to be 1 m off-Site; however, the operator names are consistent with the on-Site discharges) for the discharge of 'other matter-surface water' into a freshwater river, first granted in April 1978. The Site

	representative previously informed Delta-Simons that a discharge consent for the release of wastewater from the cooling towers into the sewers is held on-Site; ▲ Two revoked Integrated Pollution Controls associated with Adflex Solutions Ltd for processes involving halogens within the chemical industry. The permit, dated 1997, is assumed to be associated with a former operator at the Site; ▲ A Part B Permit (formerly Local Authority Pollution Prevention and Control) was granted to Teleplan and White Electronics in June 2013. From an internet search this is understood to be associated with the assembly of hard disk drive testers; ▲ A Licensed Waste Management Facility associated with Teleplan and White Electronics relating to a WEEE treatment facility in the west. The licence was issued in June 2013; ▲ Several areas of potentially infilled land which appear to be associated with the former drainage ditch network; and ▲ Three Contemporary Trade Directory Entries for a printers', general engineers and computer manufacturer.
Potentially Contaminative Features Off-Site	Pertinent entries in the Landmark Envirocheck® Report located within 100 m of the Site includes: ▲ Four Part B Permits associated with the coating of metal and plastic, and for the respraying of road vehicles; ▲ Two Pollution Incidents to Controlled Waters located 80 m east (minor incident) associated with the release of oils to a stream in 1995 and 95 m north-east (significant incident) associated with diesel in the stream from vehicle washing and de-waxing in January 1997; ▲ Four Registered Radioactive Substances located 45 m and 90 m north-west for the disposal of radioactive waste; and ▲ Thirty-three Contemporary Trade Directory Entries, which includes: tool design and manufacture; domestic appliance servicing; air conditioning; cleaning services; engineers (general, precision and aviation); spraying (paint & coatings); garage services (body builders and repairs); crane hire and sales; electronic component manufacture; and marine electrical services. Within the wider area, pertinent entries include: ▲ A Historical Landfill located 190 m to the south-west of the Site that was licensed to accept wastes types including household; no dates are provided; ▲ A Local Authority Recorded Landfill Site located 210 m to the south-west of the Site that was licensed to accept household, acid and commercial waste until December 1965; ▲ A Fuel Station Entry and Part B Permit associated with a petrol station located 140-150 m north of the Site; and ▲ A obsolete Fuel Station Entry located 140 m to the west of the Site.
Implications for Land Contamination Risk	*The former chemical processes and waste management facility are considered to represent potential on-Site sources of contamination. Whilst entries within the immediate vicinity of the Site have been identified, they are considered to represent limited potential sources of off-Site contamination.*

2.5 Planning Review

On-line Planning Portal	Havant Borough Council	**Date Accessed**	19/10/2020
Findings	From a review of the Council's online planning database, a large number of applications have been identified for the Site. These include a number of extensions, new car parking areas, new buildings, the creation of ditches and culverts, and for the installation of infrastructure (including a fume cupboard, waste compactor, back-up generators and cooling units) between the early 1990s and 2013. Pertinent applications identified include the following: ▲ APP/10/00272 – 'Demolition of existing steel-clad building and two portacabins to make way for a single storey timber framed building to house a 52 place nursery school'. This application was granted consent in September dated 2010. No contaminated land conditions were set. ▲ APP/13/00411 – 'Extension of standby generator room to accommodate attenuating louvre for installation of additional generator unit and installation of 6 Liebert and 3 Excool roof mounted cooling units'. This application was granted consent in June 2013; and ▲ APP/15/00484 – 'Change of use from store to gym facility of B41'. This application was granted consent in July 2015. Whilst no contaminated land planning conditions were set, correspondence with the Environmental Control Officer dated July 2015, which included a Site inspection, indicated that while the potential for contamination could not be ruled out, the officer was satisfied that the change of use could go ahead without the need for intrusive ground investigation. However, this was caveated to say that should the area be redeveloped, the potential contamination risks should be further assessed. An Envirochem laboratory analysis report is provided which appears to relate to effluent in the area. The context of the testing is not clear and appears for waste disposal. The contaminant levels are generally low; ▲ APP/19/00296 – 'Erection of a new building entrance structure, reception lobby refurbishment and associated hard and soft landscaping works (Building 6000)'. This application was granted consent in May 2019. No contaminated land conditions were set; ▲ APP/19/00297 – 'Proposed alteration to the existing east facing elevation to accommodate a new entrance threshold and associated external works (Building 6000)'. This application was granted consent in June 2019. No contaminated land conditions were set; ▲ GEN/19/00354 – 'EIA Screening Opinion - Erection of new industrial units and rationalisation of south car park, demolition of part of the northernmost building with new elevation on the remaining part of the building, new screen on adjacent building and extension to existing car park'. No documentation was available to view on the online planning portal. This application was decided in May 2019, however, there is no information to confirm whether an EIA was undertaken; and ▲ APP/19/00703 – 'Part-demolition of Building 1000 and associated works; the erection of new flexible use industrial units; and a new parking layout with associated works to layout and access and felling of two trees subject to a Tree Preservation Order (Norway Maples)'. The application was granted in July 2020. As part of the application a Preliminary Risk Assessment (19-0687.01) by Delta-Simons was submitted, and information from the Environmental Control Officer indicates that the Council were in agreement of the recommendation for intrusive investigation. Subsequently, a contaminated land condition was imposed as Condition 9 and		

	required: an intrusive investigation (Part 1), and if required the submission of an appropriate remediation strategy (Part 2) and verification plan (Part 3). Copies of the relevant documentation is provided as Appendix F.

2.6 Regulatory Authority Consultation

Local Authority – Part 2A	From correspondence in August 2015 with the Contaminated Land Officer (CLO) at Havant Borough Council, the CLO confirmed that the Site is not considered to be a priority for inspection under Part 2A of the EPA 1990. During a subsequent telephone conversation as part of a 2018 assessment and email exchange in 2020, the CLO confirmed that the Site's status under Part 2A remains unchanged.
Local Authority – Additional Comments	The CLO confirmed in August 2015 that the former uses of the science park were associated with manufacturing, research and development and waste processing activities. Potential sources of contamination identified by the CLO include on-Site transformers, boiler house, UPS facilities, fuel stores, flammables storage and sealed drainage systems with the majority concentrated in the south-west of the Site. The CLO noted in August 2015 that they had undertaken a visit to the south-western corner of the Site (associated with planning application APP/15/00484). No comments in relation to significant concerns were identified at that time. Whilst the CLO identified potential sources of contamination from diesel fuel and 'flammables' likely to be toluene BTEX and possible plasticisers (phthalate, vinyl chloride), the CLO noted that given the good management practices, provision and condition of containment and the lack of staining or spillages, the risk of contaminant release was considered to be low. The CLO also noted that the Council is aware of three separate reports associated with the Site, however, it was not known if these were in the public domain: ▲ Travers Morgan, dated 1993; ▲ Structural Soils Ltd, dated 1995; and ▲ GVA Grimley, dated 1999. As part of the 2018 enquiry, the CLO issued several reports relating to the Site or nearby land, which are discussed in Section 2.7. A copy of the previous and current Regulatory Authority response is included as Appendix G.
Building Control	The WSP 2005 report (discussed in Section 2.7) references consultation with the Building Control Officer at Havant Borough Council. The Officer is reported to have informed WSP that the Site was raised above ground level thereby reducing the possibility for flooding. The Officer is reported to have commented that they were unaware of any significant ground stability issues within the area. However, they were aware that part of the subject Site had been built with pilled foundations. WSP reported that the Officer was unaware of any ground gas problems in relation to the historical use of the Site or from current neighbouring site activities. Additionally, WSP reported that the Officer was not aware of any flooding issues in the immediate area of the Site, although the Officer did confirm that the 'Langstone Mill Stream' adjacent the Site boundary was known to be susceptible to partial flooding further inland.

2.7 Previous Reports

List of Reports	Delta-Simons has obtained the following reports relating to the Site and wider area: ▲ Ground Investigation Report, IBM, Langstone Road by Soils Limited dated April 1994 (extracts only and relates to land off Site to the south); ▲ Wetland Study by Symonds Travis Morgan dated April 1997 (relates to land off-Site to the south); ▲ Contamination Assessment Report by Campbell Reith Hill dated May 2001 (relates to land off-Site to the south); ▲ Site Investigation Report by STATS dated October 2003 (relates to the north-west of the Site); ▲ Phase I Environmental Audit by WSP dated September 2004 (relates to the entire Site); ▲ Geo-Environmental Appraisal Report by Clancy Consulting, dated October 2019 (relates to the north-east and south of the Site; and ▲ Supplementary Site Investigation by Clancy Consulting, dated September 2020 (relates to the north-east and south of the Site). Copies of the reports are provided in Appendix H.
Soils Limited Ground Investigation (1994)	The available information comprises extracts only, with no Site plan or context of the assessment, however, the following was reported: ▲ Significant contamination was not identified in soil samples; ▲ Facial coliforms were identified in a groundwater sample (indicated to likely be associated with an 'offsite' sewage works or damaged foul pipe); ▲ No putrescible materials that could give rise to hazardous gases was encountered; ▲ A landfill site was located to the west; ▲ No significantly elevated ground gases were recorded; and ▲ Piles or ground improvement was recommended.
Symonds Travis Morgan Wetland Study (1997)	The report relates to land to the south and presents a detailed hydrogeological study associated with the then proposed development to the south of the Site. While the majority of the information is irrelevant to this assessment, a plan in the report confirms that the above Soils Limited Ground Investigation relates to land off-Site to the south of the Site.
Campbell Reith Hill Contamination Assessment (2001)	The report relates to land off-Site to the south and indicates the following pertinent information: ▲ Previous investigations are reported to have identified that historically sewage sludge spreading may have taken place. One of these investigations reported elevated levels of mercury concentrations in the drainage ditches and waters adjoining the site. The spreading of sewage sludge and a historical nearby plating works were identified as possible sources. No recordable concentrations of mercury were however identified in the soils by the following investigation; and ▲ Slightly elevated concentrations of polycyclic aromatic hydrocarbons (PAH) and arsenic were recorded in soils and sediment from drainage ditches, however, they were below the adopted screening criteria.

STATS Site Investigation Report (2003)	The report relates to the north-western area of the Site in relation to a proposed new paved car park and roundabout (which does not appear to have been taken forward). The assessment comprised a desk study and ground investigation comprising the excavation of 13 trial pits and 8 dynamic cone penetration tests (to generate CBR values). No exploratory hole plan is provided. Pertinent points are summarised as follows: ▲ A sub-surface concrete tank was uncovered which was presumed to be related to the sewage works that were present on the Site. The tank was found to be in-filled with a clayey sand containing many whole bricks and occasional metalwork; ▲ Elevated copper and zinc were recorded, although below Delta-Simons screening values, and all other soil contamination was below the screening criteria adopted by STATS. No groundwater analysis was conducted; ▲ Geotechnical hazards reported included shrinkable clay soils, compressible soils, obstructions, Made Ground and silt rich soils; ▲ Aggressive Chemical Environment for Concrete (ACEC) Classification is AC-1s with a Design Sulphate Class of DS-1 was reported. STATS suggested that a design CBR value of 6% could be adopted; and ▲ STATS considered the Site fell into the "moderately low subsidence risk" category relating to potential chalk dissolution and states that Edmund's database of known natural and man-made chalk solution features illustrates there are no such features in the immediate vicinity of the Site.
WSP Phase I (2005)	The report was undertaken in the context of the proposed investment purchase of the Site. Potentially contaminative activities identified during a Site walkover were limited to the storage of diesel fuel in two above ground storage tanks (with a total capacity of 3,000 litres) and the storage of waste materials. No significant issues were identified associated with the current use of the Site. The following third-party reports were also reviewed by WSP as part of the assessment (not seen by Delta-Simons): ▲ A 1999 Environmental Monitoring Program undertaken by CASELLA Ltd. The report detailed results of effluent monitoring, industrial emissions monitoring, groundwater monitoring, surface water monitoring and building fabric monitoring. It was stated that the report reviewed a number of intrusive and non-intrusive investigations, which identified potential issues associated with: low concentrations of toluene and purgeable hydrocarbons from effluent monitoring for B2000; groundwater contamination associated with chlorinated solvents; and copper contamination within a concrete slab. It was noted by WSP that the effluent treatment facility had been decommissioned, that the identified groundwater contamination was outside of the Site boundary and that the concrete slab had been remediated; ▲ A 1999 Initial Ground Investigation by Soil Consultants Limited (reported to have been associated with the northern area of the Site), which was stated to have identified potential issues associated with elevated levels of cadmium within two boreholes, and elevated levels of arsenic, lead, copper, zinc and mercury within a single borehole, however, it was noted by WSP that the soil guidance values used for comparison at that time were no longer applicable; and ▲ A 2004 Addendum, Site Investigation Report undertaken by STATS. It was stated that the report identified potential issues associated with elevated levels of ground gas within Made Ground. It was noted that the report was based on a single monitoring event and did not record flow rate. It is also suggested that Batelle UK Limited and Havant International Limited had an outstanding intrusive investigation report for the north-west area of the Site, with intrusive

	boreholes placed west of B1000 to assess groundwater and other ground environmental factors. This report has not been seen by Delta-Simons. WSP concluded that based upon the information and intrusive investigations reviewed, no significant contamination issues had been identified for the continued commercial use of the Site. However, it was noted that the potential presence of residual contamination, which may require remediation in the event of redevelopment could not be discounted. It was considered that the Site represented a low/ medium environmental risk.
Geo-Environmental Appraisal (2019)	Clancy undertook an intrusive investigation in July 2019 across the north-eastern and southern areas of the Site to support the demolition and redevelopment works detailed in planning application APP/19/00703. The report also includes limited discussion of the UXO Report discussed above in Section 2.3. Investigation works at the Site included the advancement of eight window sampler boreholes to 5.5 m bgl, four hand trial pits to 1.4 m bgl, four cable percussive boreholes to 24.9 m bgl and the excavation of two trial pits for soakaway testing purposes. Visual and olfactory evidence of hydrocarbon contamination was identified at two locations (WS2 & WS5) between 1.0 to 1.6 m and 2.5 to 3.5 m, respectively. From nine samples of Made Ground and six samples of natural soils, no elevated levels (in comparison to Site Screening Values (SSV)) of inorganic contaminants for a commercial/ industrial end use were identified. In regard to organic determinands, elevated levels of hydrocarbons (aliphatic C10-12, C12-16 & Aromatic C12-16) were identified at WS2 and WS5 noted to be above 'Water Screening Values'. It is noted that from a review of the values, these fall below Delta-Simons soil Generic Assessment Criteria (GAC) for a commercial/ industrial use; however, exceed GAC values for potable water. It was noted by Clancy that no elevated levels of hydrocarbons were identified from samples taken from 3.9 m bgl. Clancy noted that WS2 was located in an area of former waste storage and existing substation, with WS5 located adjacent to historical tanks in the west which were considered to likely be the source of contamination. From four rounds of gas monitoring, carbon dioxide levels were identified up to 7.2 % v/v with a maximum flow rate of 0.7 l/hr. No elevated levels of methane were identified. The Site was considered to represent a Characteristic Situation 1; however, given the level of carbon dioxide (above 5 %), depth and nature of the Made Ground, and presence of peat in the area, Clancy recommended for the Site to be raised to a Characteristic Situation 2. Overall, the following recommendations were provided: ▲ Additional investigations in the area of WS2 and WS5 to delineate the identified hydrocarbon contamination with regards to controlled waters; ▲ Preparation of a remediation strategy following delineation; ▲ The installation of gas protection measures in line with CS2 within new units with independent verification; and ▲ The consideration of UXO during future excavations with the potential for supervision by an EOD engineer to brief and support site personnel.
Supplementary Investigation (2020)	Clancy undertook a supplementary investigation across the south of the Site in July 2020. The report also makes note of two letter reports by Clancy Consulting from September 2019 (10/1425/002) and June 2020 (10/1425/003), which have not seen by Delta-Simons; however, information from these was noted to be included within the report. Further works at the Site included the advancement of two cable percussive boreholes to 20.0 m bgl, and twenty-five window sample boreholes to 4.5 m bgl.

	Ground conditions identified Made Ground (consistent with the material identified in 2019) to 1.1 m bgl. Visual and olfactory evidence of contamination was identified at one location. From three samples of Made Ground and twenty-four samples of natural ground, a slight exceedance of perylene was identified at one location; however, given the very low value and relatively low volatility, this was not considered to represent a signficiant risk to future Site users. Total petroleum hydrocarbon (TPH) compounds were recorded in Made Ground in excess of solubility limits at two hotspot locations along with a number of elevated volatile organic compounds (VOC) and semi-volatile organic compounds (SVOC). From six groundwater samples, slight exceedances of lead and nickel were identified at one location, along with marginally elevated total PAH (maximum of 0.96 µg/l) and TPH (maximum of 283 µg/l); however, the concentrations were not considered to be significantly elevated. It was noted by Clancy that no elevated source of PAHs was identified within soils, and it was considered that this was representative of either an off-Site source or on-Site source which had not yet been identified. Based on testing it was considered that the majority of Made Ground and natural soils would be suitable for disposal as non-hazardous waste with localised TPH impacted soils requiring disposal to a hazardous waste landfill. Overall recommendations for the proposed development included the following: ▲ Development of a Remediation Method Statement; ▲ Development of a Materials Management Plan if Site won soils are proposed for re-use on-Site; ▲ Excavation and removal of identified contamination hotspots in the vicinity of WS2 and WS5 with subsequent inspection and verification of excavation works; ▲ Implementation of a watching brief for previously unidentified soil contamination during the groundworks; ▲ Collection and laboratory analysis of soil samples from finished formation level across the Site to verify that residual contaminant concentrations are below guidance values; and ▲ Provision of a Verification Report to assist with discharge of planning conditions relating to contaminated land.
Implications for Land Contamination Risk	*Several ground investigation reports appear to have been produced for the Site, a number of which have not been seen by Delta-Simons. Based on the recent available information, two hotspots of hydrocarbon contamination have been identified with recommendations for off-Site removal, and it was considered for the areas investigated basic gas protection measures should be installed.*
Implications for Redevelopment	*Considering the recent investigations only covered areas in the north-east and south, and the proposed development covers the majority of the Site, further intrusive investigation is recommended.*

2.8 Flood Risk Advisory

Initial Flood Risk Review	A review of mapping provided by the EA indicates that whilst the majority of the Site is not located within an area at risk of flooding from rivers or the sea, a small area of the access road is shown to be at medium risk of fluvial flooding from Mill Stream. Anecdotal information previously provided from a Site representative indicates that this small area of the access road does not have a history of flooding.

	The EA Long-Term Flood Risk Map (Surface Water) indicates the majority of the Site largely to be at very low risk from surface water flooding. There are localised areas of low risk, small areas of medium risk (around the boundary of Building 5000 and the south-west corner of Building 7000), and an isolated pocket of high risk associated with a localised topographical depression south of Building 1000. During previous Site visits, Delta-Simons was informed that all surface water from the car parking passes through interceptors and a surface water pumping station in the east of the Site, prior to discharge into the Mill Stream. It was also noted that water ingress occasionally occurs within a electrical switch room located within Building 1000 following intense rainfall with evidence of sandbags and flood barrier observed at the entrance. The Site is located within an area considered to be at potential susceptibility from groundwater flooding; however, no incidents of groundwater flooding have previously been highlighted. Delta-Simons has previously reviewed a Foul Water Flood Risk Assessment produced by Atkins in 2008 (2008 FRA) which highlighted an incident of historic foul water sewer flooding in 2008 due to surcharge of the foul water system. The 2008 FRA also recommended several mitigation measures to prevent flooding associated with the foul water systems on-Site. Information provided to Delta-Simons in 2019 indicates that a non-return valve was installed near Building 7000, which is likely to reduce the risk of sewer flooding at the Site. It should be noted that all the flood maps are indicative only.
Clancy Consulting Flood Risk Assessment and SUDS Strategy (2019)	A FRA and SUDS strategy was produced for the Site in 2019 associated with the proposed reconfiguration of Building 1000, addition of car parking and redevelopment of the south-western area of the Site. Overall, it was considered that the development area was at low risk of flooding (from all sources) with the proposed drainage to attenuate flows from impermeable areas to current run off rates through underground geocellular tanks, oversized pipes, permeable paving and flow control devices. Two letter reports by Clancy have also been identified from August and October 2019 which further discuss the potential flood risk at the Site following comments from the EA. The letter reports note that a flood defence (embankment) is present to the east of the Site which comprises a crest height of approximately 2 m above the modelled river level (including 20% climate change) which would therefore provide suitable protection from potential flood events.
Implications for Flood Risk	*Based on the information reviewed, the majority of the Site is not located within an area considered to be of an elevated risk of fluvial flooding. Whilst a small area of the access road in the east of the Site is shown to be at moderate risk of flooding associated with the Mill Stream, this is understood to be protected by an embankment.* *Several areas of the Site are shown to be at potential risk of surface water flooding, however, no associated issues were reported on-Site with the exception of minor water ingress at Building 1000.* *Available information indicates that flooding events have occurred at the Site associated with surcharging of the foul system, however, it is understood that a non-return valve was installed at the Site.*
Implications for Redevelopment	*Whilst a Flood Risk Assessment is available for the current development proposals, it is likely that a further assessment and drainage strategy will be required to support the proposed redevelopment of the Client's masterplan.*

3.0 Land Contamination Risk

3.1 Introduction

A Conceptual Site Model (CSM) represents the relationships between contaminant sources, pathways and receptors, to support the identification and assessment of Possible Contaminant Linkages (PCL).

Where PCL are identified, a preliminary risk assessment is undertaken to assess the likelihood that each possible linkage exists and to determine whether these pose potentially unacceptable risks to identified receptors and require further assessment. Where this linkage is of a form that subsequently leads to the potential for land being identified as 'contaminated land' under the terms of Part 2A of the Environmental Protection Act 1990, the linkage is termed a significant contaminant linkage.

At the preliminary risk assessment stage, which is typically based upon desk study information and Site reconnaissance, the decision on whether a PCL poses a potentially unacceptable risk is based upon professional judgement. The significance of the PCL will also be determined dependant on the context of the land use and the purpose of the assessment.

Assessing risks from land contamination underpins the suitable for use approach adopted under Part 2A of the Environmental Protection Act 1990 and its associated regulatory regime.

3.2 Conceptual Site Model

The Site is occupied by a science park comprising a number of interlinked commercial offices and light industrial properties, with car parking in the south, east and north of the Site, hardstanding and access roads, and landscaping confined to limited areas. While chemical storage, diesel back-up generators and electrical substations were previously identified on-Site, the Site appeared well managed and no significant potential contamination concerns were noted associated with the current Site use.

The Site was predominantly unoccupied until the development of a sewage works in the north-east by 1909. By 1973, the sewage works was no longer present, and the Site had been redeveloped into an IBM computer products manufacturer. Since the 1970's, some redevelopment has occurred on-Site, though the main buildings have largely remained unchanged. Potentially contaminative uses associated with the computer manufactory include previous 'wet' processes in B1000, diesel powered boilers in the area of the current gas boiler systems (B3000), an effluent treatment and chemical storage area in the area of B22, and effluent treatment and former chemical storage in the area of B41 and B42. Also, a former pollution incident was reported to have occurred in the 1980's, however, no further details are known.

Potential sources of contamination identified in the surrounding area include a mill, a sewage works, factories, an engineering works, a warehouse, a boatbuilding works/ works, a plastics factory, works, a pumping station with a tank and a petrol filling station.

The Site is considered to be of a moderate environmental sensitivity given: the presence of Secondary A Aquifers (which comprises some cohesive deposits) over a Principal Aquifer; the proximity of the Mill Stream; the presence of statutory designated ecological sites downstream of the Site (Chichester and Langstone harbour); and the mixed commercial, light industrial and residential use of the surrounding area.

Based on the recent available information, two hotspots of hydrocarbon contamination have been identified with recommendations for off-Site removal, and it was considered for the areas investigated basic gas protection measures should be installed.

3.3 Contaminant Linkage Assessment

Based on the information reviewed within this Report, the following preliminary risk assessment table has been formulated, which identifies all PCL in the context of the Sites proposed redevelopment.

Risk definitions used for the following assessment are provided as follows:

- Low risk – Low likelihood and either no or mild severity. Negligible/ unlikely contaminated land situation. Either no action recommended, or possible action during changes in conditions;

- Moderate risk – Likely probability and medium severity. Plausible contaminated land situation. Possible action recommended following further risk assessment; and
- High risk – High likelihood and severe severity. Likely or demonstrable contaminated land situation. Action (possibly urgent) recommended.

Contaminant Linkage Assessment				
Source(s)	**Pathway(s)**	**Receptor(s)**	**Risk Rating**	**Justification & Mitigation (if required)**
Potentially contaminated soils and/or groundwater located beneath the Site.	Direct contact/ ingestion and inhalation of dust and vapours.	Site users.	**Low Risk**	Whilst the presence of further localised contamination is possible, given the Site is to be predominately covered by buildings and hardstanding, which will significantly constrain the associated pathways, the risk is considered to be low.
	Direct contact, ingestion and inhalation of dust and vapours.	Maintenance workers during any future sub-surface works at the Site.	**Moderate Risk**	Site workers may become exposed to localised contaminated soils and shallow groundwater during intrusive groundworks undertaken at the Site. Safe working practices should be undertaken and appropriate Personal Protective Equipment (PPE) should be used that will reduce the risk to low.
	Leaching of contaminants and vertical migration.	Groundwater beneath the Site.	**Low to Moderate Risk**	Previous investigations across the southern area of the Site have identified localised contamination and the potential for further localised contamination to be present is possible. Also, there is the potential for contaminants to be mobilised during construction works, and in the absence of Site-wide available information, the risk is considered to be low to moderate.
	Permeation of hydrocarbons through plastic pipe work.	Water supply pipes.	**Low to Moderate Risk**	Hydrocarbons, especially aromatics and chlorinated solvents are known to permeate plastic pipes, particularly when encountered at high concentrations. Whilst widespread hydrocarbon contamination was not previously identified, the proposed redevelopment may introduce water supply pipes to potentially localised areas of contamination. Upgraded water supply pipes may be required in order to reduce this risk to low.
	Lateral migration through any groundwater beneath the Site.	Off-Site receptors (neighbouring properties/ users and nearby surface water).	**Low to Moderate Risk**	The Mill Stream is located adjacent to the east of the Site and available information indicates that groundwater will be present at shallow depth. While the buildings and hardstanding across the majority of the Site will limit potential contaminant migration, the construction activities may mobilise contaminants. Therefore, the risk to off-Site receptors is also considered to be low to moderate.
Ground gas.	Vertical and lateral migration of ground gases.	Site users & the buildings on-Site.	**Low to Moderate Risk**	Based on the available information, slightly elevated levels of carbon dioxide were previously identified in the southern and north-eastern areas of the Site in line with Characteristic Situation 2. The Site is also partially located within an intermediate radon gas area. Based on the proposed development, basic gas protection measures are likely to be required in any new buildings.
Potentially contaminated soil and groundwater from off-Site sources.	Lateral migration and subsequent inhalation.	Groundwater beneath the Site and future Site users.	**Low Risk**	Whilst potential off-Site sources of contamination have been identified, given the proposed use of the Site, which will be predominantly covered by buildings and hardstanding, the risk to Site users is considerably reduced. Overall, the risk is considered to be low.

4.0 Conclusions & Recommendations

4.1 Land Contamination/ Ground Conditions

Risk Assessment Summary/ Conclusions	Delta-Simons has completed a land contamination risk assessment based upon available information. Information has indicated that significant widespread contamination is unlikely to be present. However, localised contamination was recently identified at the Site, which it has been recommended to be remediated (excavated) and given the historical use of the Site, the potential for further localised contamination to be present is possible. It is, therefore, considered that the risk of significant possible contaminant linkages to exist is low to moderate for a continued use and for the proposed redevelopment.
Recommendations – Ongoing Use	No further works are considered to be required for land contamination purposes in the context of an ongoing use.
Recommendations – Future Redevelopment	Given that a future redevelopment of the Site is proposed that covers a wider area than originally investigated, it is expected that the regulatory bodies will require a further intrusive investigation, under the planning process. In the first instance, it is recommended that an up to date Preliminary Risk Assessment is completed and submitted along with any future planning application. Following an updated Preliminary Risk Assessment and Ground Investigation, a Detailed Quantitative Risk Assessment (DQRA) may be required in order to confirm whether any remedial works are required and in order to derive Site-specific remediation targets. Following a DRQA, localised remedial works is possible. Also, additional costs could be incurred by: any ground materials requiring off-Site disposal; the upgrading of water supply pipes; the provision of ground gas/ radon protection measures; and importing clean/ certified topsoil in any areas of future landscaping. Ground conditions are variable with deeper areas of Made Ground and relic foundations from historical structures. Ground improvement and/ or a piled foundation solution are likely to be required, which costs should be considered. It is also prudent to further consider the potential for encountering UXO during future groundworks. Any ground workers who are required to perform sub-surface work at the Site should be made aware of the possibility of encountering localised contamination. Therefore, good standards of personal hygiene should be observed with appropriate levels of PPE provided and utilised and toolbox talks given to contractors prior to the commencement of works.

4.2 Statement of Risk/Land Contamination Liability Assessment

This Assessment considers both perceived and actual risks using the contaminant linkage concept, with the principal measure of risk being whether significant harm (to people, animals, property (including buildings, cattle etc.), or statutory ecological receptors) or pollution of controlled waters (surface water bodies, aquifers, coastal waters, or territorial waters) is being caused, or whether there is a significant possibility of such harm being caused.

The overall risk classification, based on the source-pathway-receptor principle, adopted for this preliminary assessment, is defined as follows:

- Low risk – issue unlikely to present a liability or cost;
- Moderate risk – issue may present a liability or cost, but these may be limited; and

- High risk – likely that significant liabilities and/or costs exist.

Regulatory Action under Part 2A, EPR or EDR	There is considered to be a **Low** risk of enforcement action by the regulatory authorities under Part 2A of the Environmental Protection Act 1990, the Environmental Permitting Regulations 2016 or the Environmental Damage Regulations 2015, whilst the Site remains in its current use. However, it should be noted that appropriate works (including additional intrusive investigation) will be required in order to support the future development proposals.
Third Party Liability	The potential for legal action by surrounding landowners based on the potential for contamination to migrate off-Site and result in private or statutory nuisance is considered to be **Low**.
Investment/Asset Impact	Delta-Simons considers there to be a **Low to Moderate** risk of impact on the value of the Site from significant contamination issues, in the context of the Site remaining in its current use or for the proposed redevelopment.
Overall Statement of Risk	On the basis of available information, Delta-Simons considers that with regard to potential soil and groundwater contamination issues and associated environmental liabilities, the Site represents an investment opportunity with a **Low to Moderate** overall risk status in the context of its current use and proposed redevelopment.

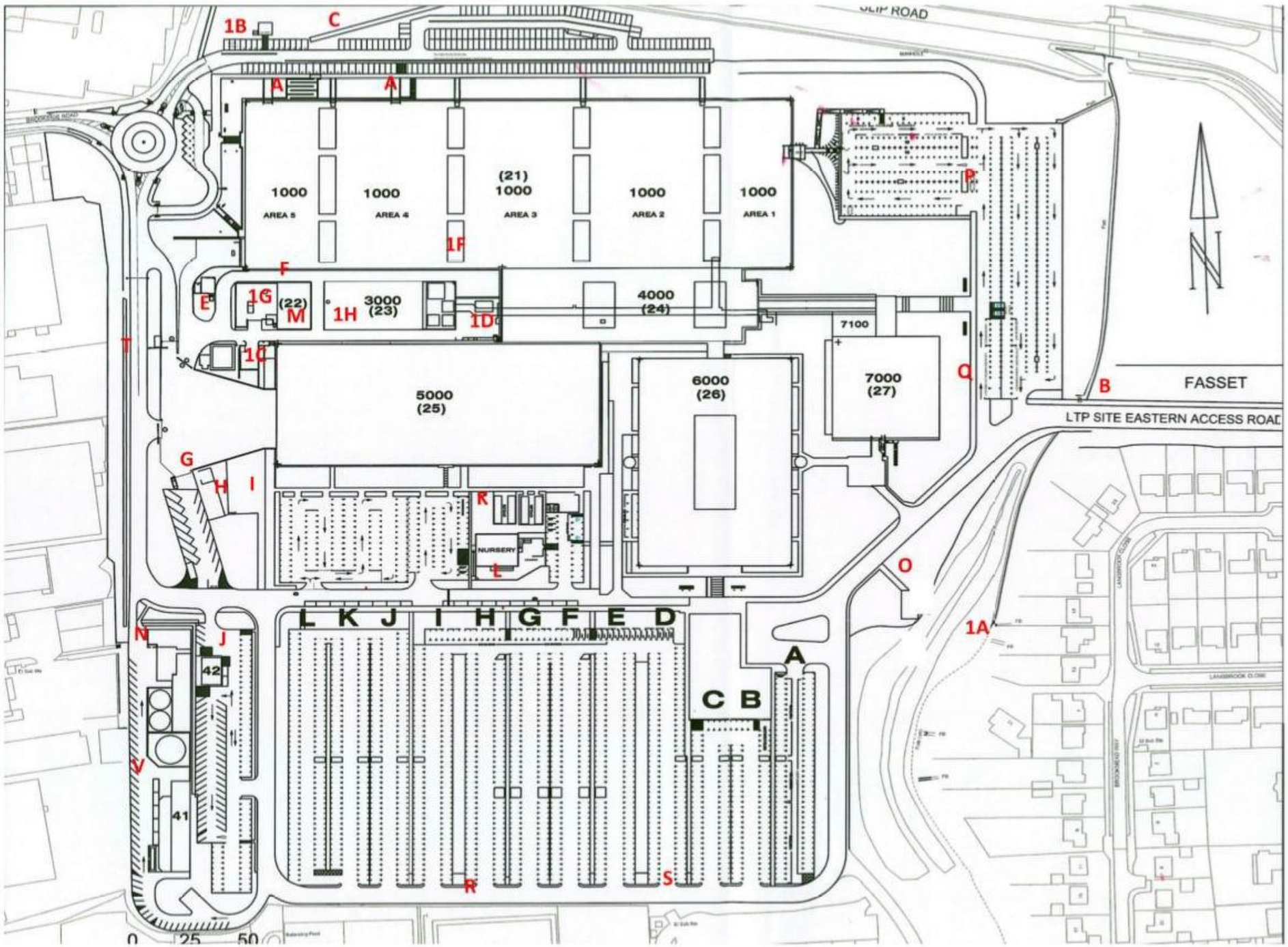
4.3 Flood Risk Advisory

Conclusions & Recommendations	Based on the information reviewed, the majority of the Site is not located within an area considered to be of an elevated risk of fluvial flooding. Several areas of the Site are shown to be at potential risk of surface water flooding, however, no associated issues were reported on-Site with the exception of minor water ingress at Building 1000. Available information indicates that flooding events have occurred at the Site associated with surcharging of the foul system, however, it is understood that a non-return valve was installed at the Site. Whilst a Flood Risk Assessment is available for the current development proposals, it is likely that a further assessment and drainage strategy will be required to support the proposed redevelopment of the Client's masterplan.

4.4 Other Redevelopment Considerations

Recommendations	Additional environmental surveys were completed and submitted to the Local Planning Authority to support the previous proposed development works, which included those associated with ecology, heritage, air quality, noise and sustainability (BREEAM). These are all likely to require updating for any future planning re-submission.

Figure 1 – Site Features Plan



Project No. 15-0574.02	Title: Langstone Technology Park Figure 1 - Site Features Plan	Scale: NTS	Date: 07-May-18
deltasimons			Drawn: KH Checked: SJB

Drawing 1 – Proposed Masterplan



Plan provided by Client

Appendix A – Data Sources

Data Sources

Delta-Simons has utilised the following information:

- Property Brochure for the Site;
- British Geological Survey (BGS) data;
- Environment Agency (EA) data;
- Historicengland.org.uk data;
- Current and historical Ordnance Survey (OS) maps;
- Landmark Envirocheck® Report for the Site, dated May 2019;
- Information provided by Havant Borough Council;
- Ground Investigation Report (extracts only), IBM, Langstone Road by Soils Limited dated April 1994;
- Wetland Study by Symonds Travis Morgan dated April 1997;
- Contamination Assessment Report by Campbell Reith Hill dated May 2001;
- Site Investigation Report by STATS dated October 2003;
- Phase I Environmental Audit by WSP dated September 2004;
- Geo-Environmental Appraisal Report by Clancy Consulting, dated October 2019; and
- Supplementary Site Investigation by Clancy Consulting, dated September 2020.

Appendix B – Limitations

Limitations

The recommendations contained in this Report represent Delta-Simons professional opinions, based upon the information listed in the Report, exercising the duty of care required of an experienced Environmental Consultant. Delta-Simons does not warrant or guarantee that the Site is free of hazardous or potentially hazardous materials or conditions.

Delta-Simons obtained, reviewed and evaluated information in preparing this Report from the Client and others. Delta-Simons conclusions, opinions and recommendations has been determined using this information. Delta-Simons does not warrant the accuracy of the information provided to it and will not be responsible for any opinions which Delta-Simons has expressed, or conclusions which it has reached in reliance upon information which is subsequently proven to be inaccurate.

This Report was prepared by Delta-Simons for the sole and exclusive use of the Client and for the specific purpose for which Delta-Simons was instructed. Nothing contained in this Report shall be construed to give any rights or benefits to anyone other than the Client and Delta-Simons, and all duties and responsibilities undertaken are for the sole and exclusive benefit of the Client and not for the benefit of any other party. In particular, Delta-Simons does not intend, without its written consent, for this Report to be disseminated to anyone other than the Client or to be used or relied upon by anyone other than the Client. Use of the Report by any other person is unauthorised and such use is at the sole risk of the user. Anyone using or relying upon this Report, other than the Client, agrees by virtue of its use to indemnify and hold harmless Delta-Simons from and against all claims, losses and damages (of whatsoever nature and howsoever or whensoever arising), arising out of or resulting from the performance of the work by the Consultant.

Appendix C – Site Photographs

Site Photographs



Photograph 1 – Mill Stream upstream (left) and downstream (right) of the access road.



Photograph 2 – Embankment between the Site and Mill Stream in the east.



Photograph 3 – Waste storage area (E on plan) located in the west of the Site.



Photograph 4 – Waste storage area (1C on plan) located in the west of the Site.



Photograph 5 – Waste storage area and water tank (1C on plan) located in the west of the Site.



Photograph 6 – Waste storage area (1D on plan) located in the centre of the Site.



Photograph 7 – Waste storage area (1D on plan) located in the centre of the Site.



Photograph 8 – Waste cooking oil storage area (1E on plan) located within B4000.



Photograph 9 – Food waste storage area (1E on plan) located within B4000.



Photograph 10 – Back-up generator and associated battery pack (1D on plan). Note hydrocarbon absorbing pads beneath the generator.



Photograph 11 – 1,400 L capacity diesel AST associated with back-up generator (1D on plan).



Photograph 12 – ACM store within B1000 Area 3 (1F on plan).



Photograph 13 – Fire extinguisher store within B100 Area 3 (1F on plan).



Photograph 14 – Waste fluorescent bulb container within B1000 Area 3 (1F on plan).



Photograph 15 – 10,000 L capacity mixed process fluid waste AST within B1000.



Photograph 16 – Vehicle washdown area/catchment pit to the west of B41 (V on plan).



Photograph 17 – Bunded former chemical storage area adjacent to the west of B41 in the south-west of the Site (V on plan).



Photograph 18 – Tank pads within a concrete bund (currently being filled with was construction materials) with an additional bund behind in the south-west of the Site (V on plan).



Photograph 19 – Drum and compressed gas store under B1000 Area 5 (F on plan).



Photograph 20 – Former electricity substation located to the south-west of B5000 (H on plan).



Photograph 21 – Storage containers and IBCs located to the south-west of B5000 (I on plan).



Photograph 22 – Staining within transformer bund to the east of B3000.



Photograph 23 – Stain beneath water softening tank in B2000 (M on plan).



Photograph 24 – Battery storage in B2000 (M on plan).



Photograph 25 – Empty 200 L drums outside B2000 (1G on plan).



Photograph 26 – Chemical storage area within B3000 (1H on plan).



Photograph 27 – Potassium hydroxide storage within B3000 (1H on plan).



Photograph 28 – Surface water pump house to the south-east of B6000 (O on plan).

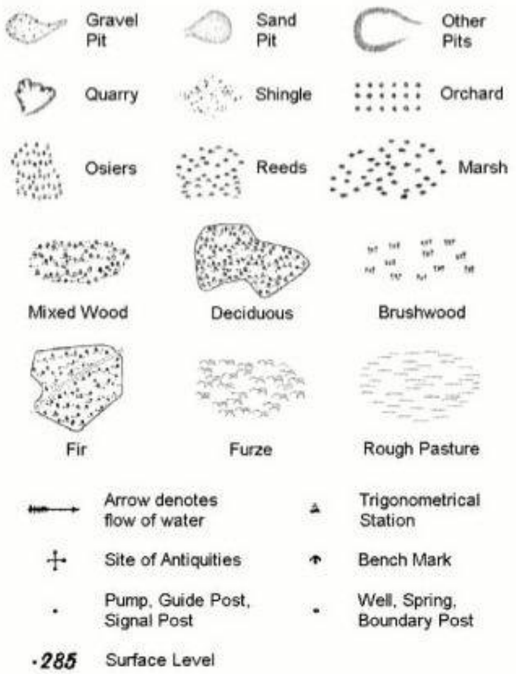


Photograph 29 – Interceptor in the west of the Site (Q on plan).

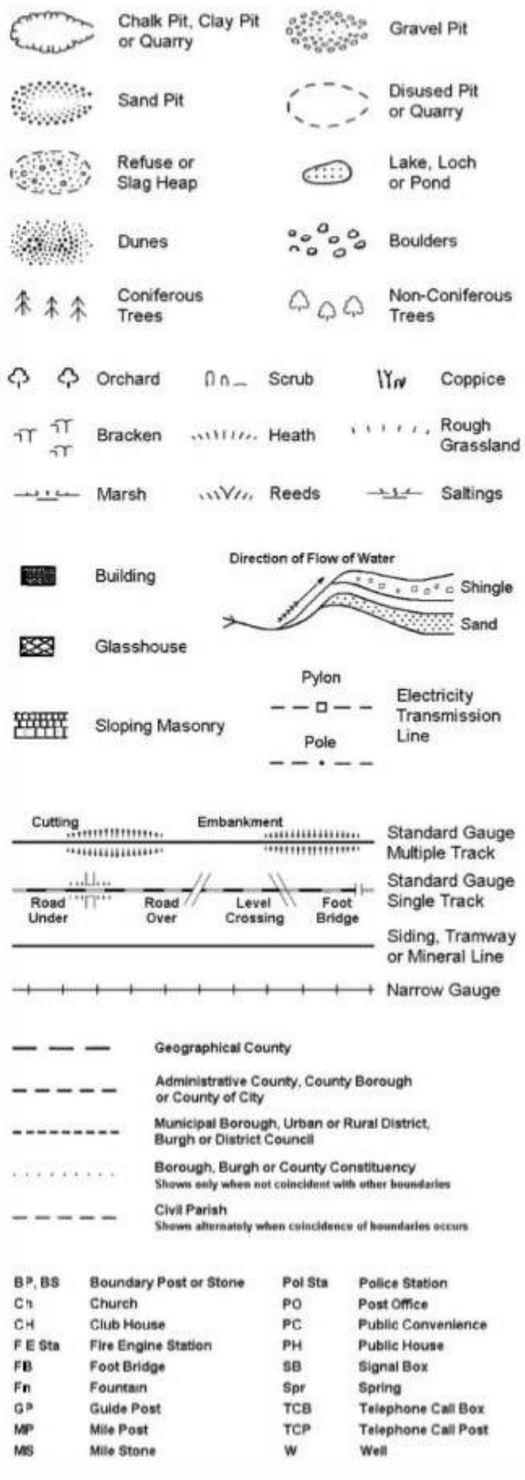
Appendix D – Historical Mapping

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

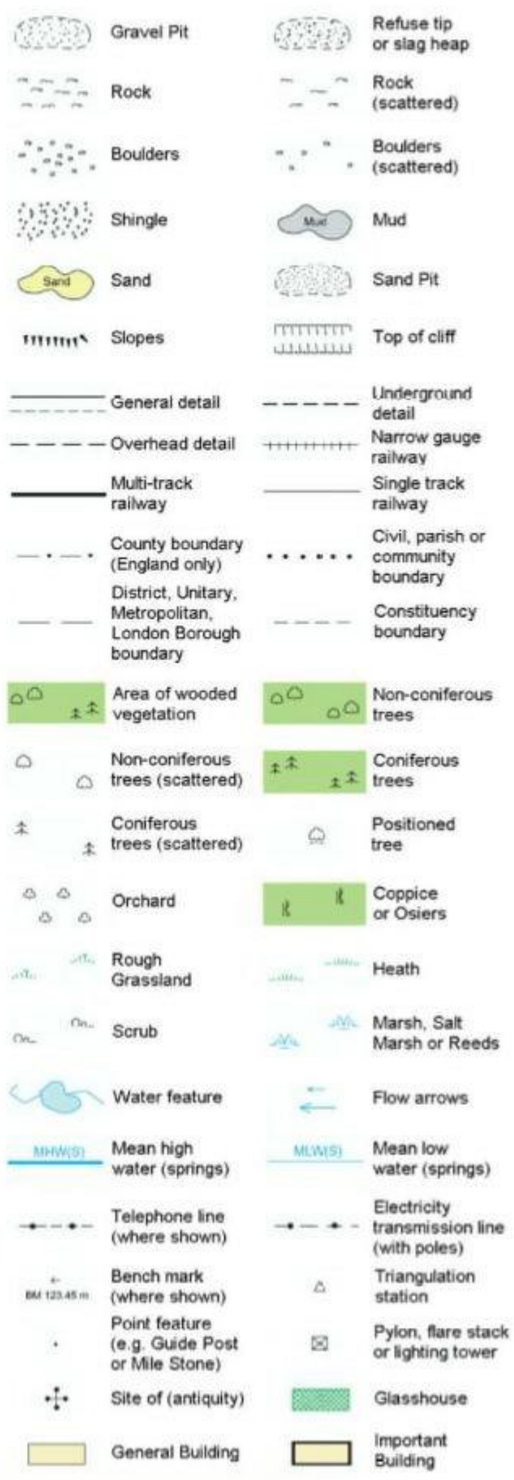


Ordnance Survey Plan 1:10,000



BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
C H	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping



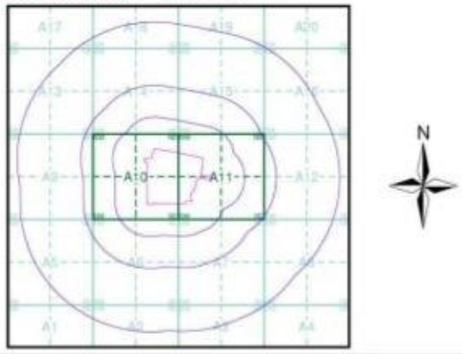
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1870	3
Sussex	1:10,560	1879	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	1932	9
Hampshire & Isle Of Wight	1:10,560	1932	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	1933	14
Hampshire & Isle Of Wight	1:10,560	1933	15
Hampshire & Isle Of Wight	1:10,560	1938 - 1942	16
Ordnance Survey Plan	1:10,000	1962 - 1963	17
Ordnance Survey Plan	1:10,000	1966	18
Ordnance Survey Plan	1:10,000	1972 - 1975	19
Ordnance Survey Plan	1:10,000	1982	20
Havant	1:25,000	1983	21
Portsmouth	1:10,000	1988	22
Ordnance Survey Plan	1:10,000	1990 - 1992	23
10K Raster Mapping	1:10,000	2000	24
10K Raster Mapping	1:10,000	2006	25
VectorMap Local	1:10,000	2019	26

Historical Map - Slice A



Order Details

Order Number: 203439487_1_1
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Slice: A
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Site Details

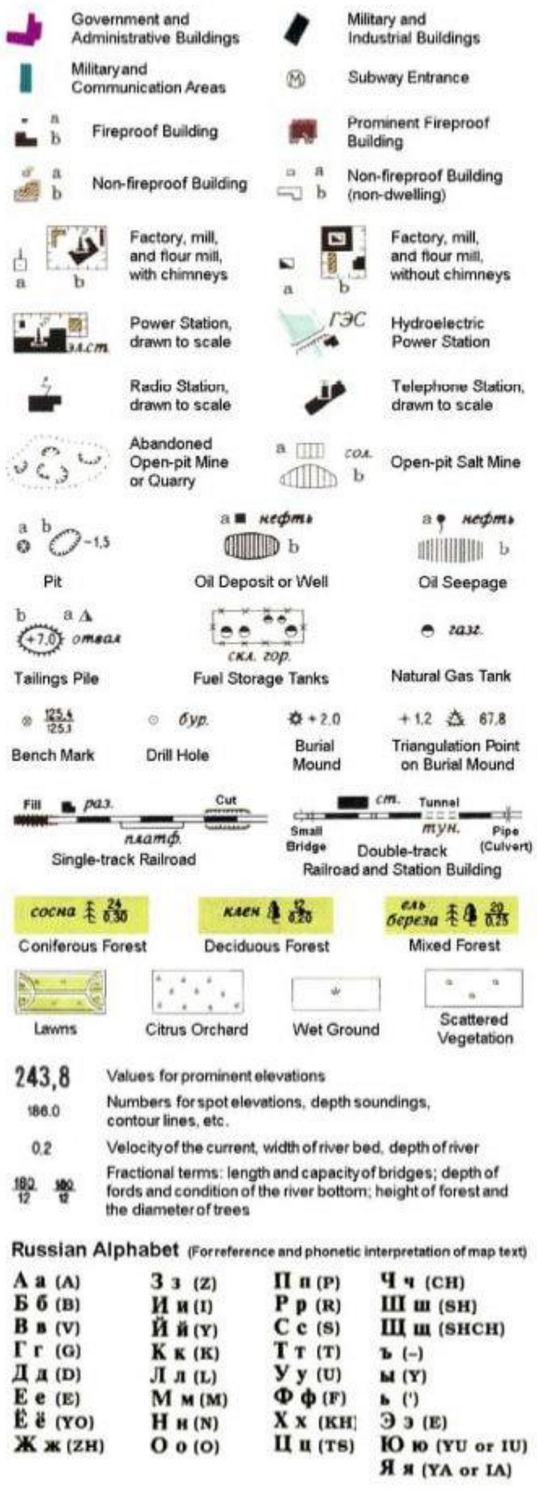
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Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

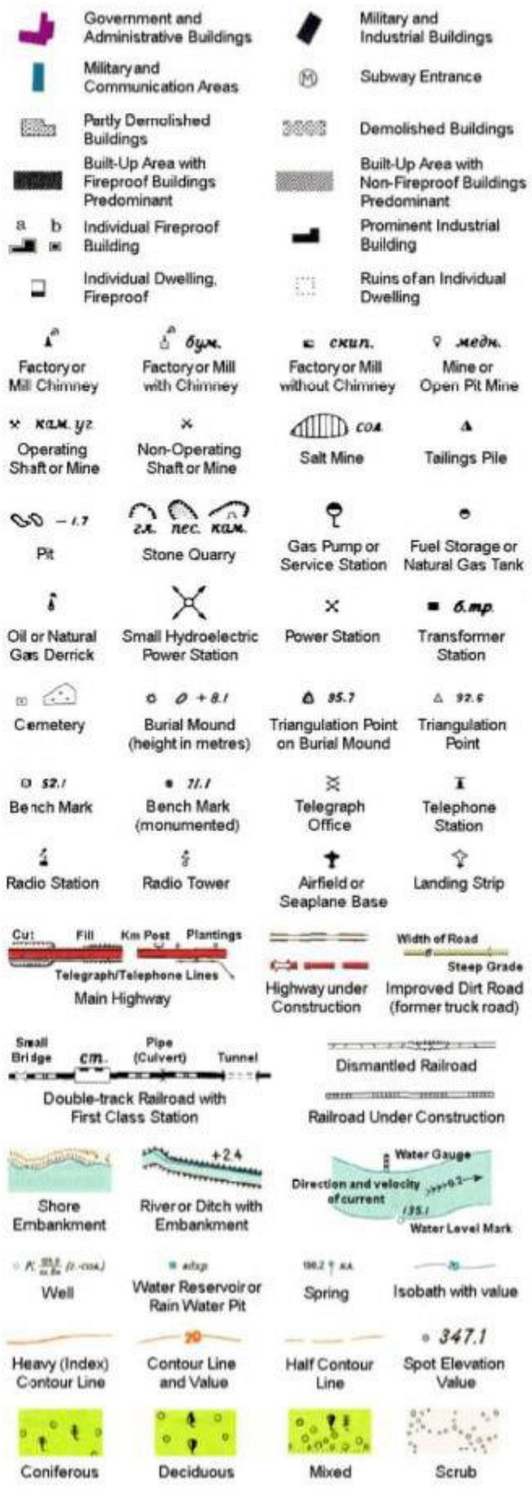


Russian Alphabet (For reference and phonetic interpretation of map text)

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale



Key to Numbers on Mapping

SU70_Havant

No.	Description
7	Factory (Chemicals)
10	Post Office
15	Railway Station (Freight And Passenger)
16	Sewage Works
17	Sewage Works

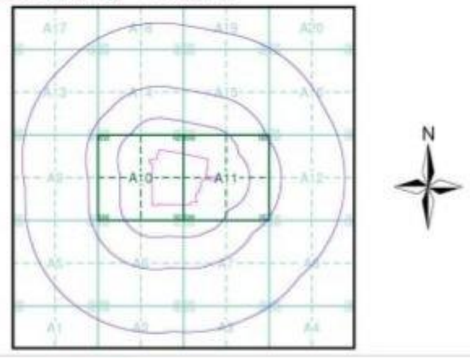
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Historical Mapping & Photography included:

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Sussex	1:10,560	1932	9
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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	1933	14
Hampshire & Isle Of Wight	1:10,560	1933	15
Hampshire & Isle Of Wight	1:10,560	1938 - 1942	16
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Ordnance Survey Plan	1:10,000	1972 - 1975	19
Ordnance Survey Plan	1:10,000	1982	20
Havant	1:25,000	1983	21
Portsmouth	1:10,000	1988	22
Ordnance Survey Plan	1:10,000	1990 - 1992	23
10K Raster Mapping	1:10,000	2000	24
10K Raster Mapping	1:10,000	2006	25
VectorMap Local	1:10,000	2019	26

Russian Map - Slice A



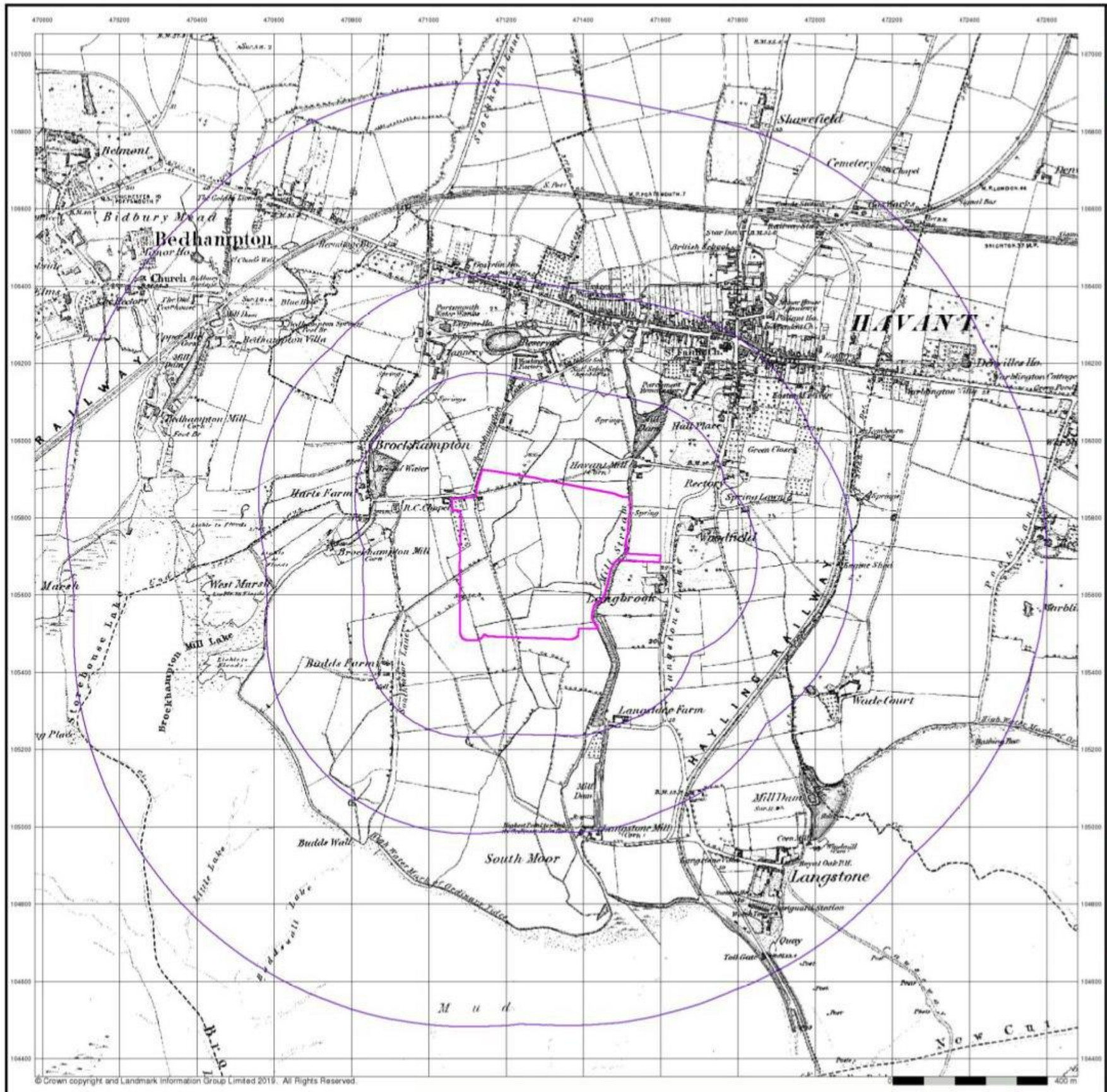
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Slice: A
Site Area (Ha): 16.11
Search Buffer (m): 1000

Site Details

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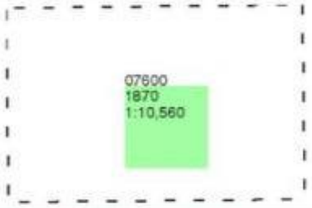
Hampshire & Isle Of Wight

Published 1870

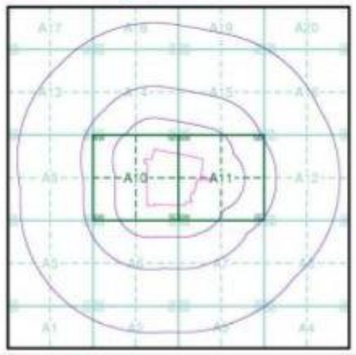
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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



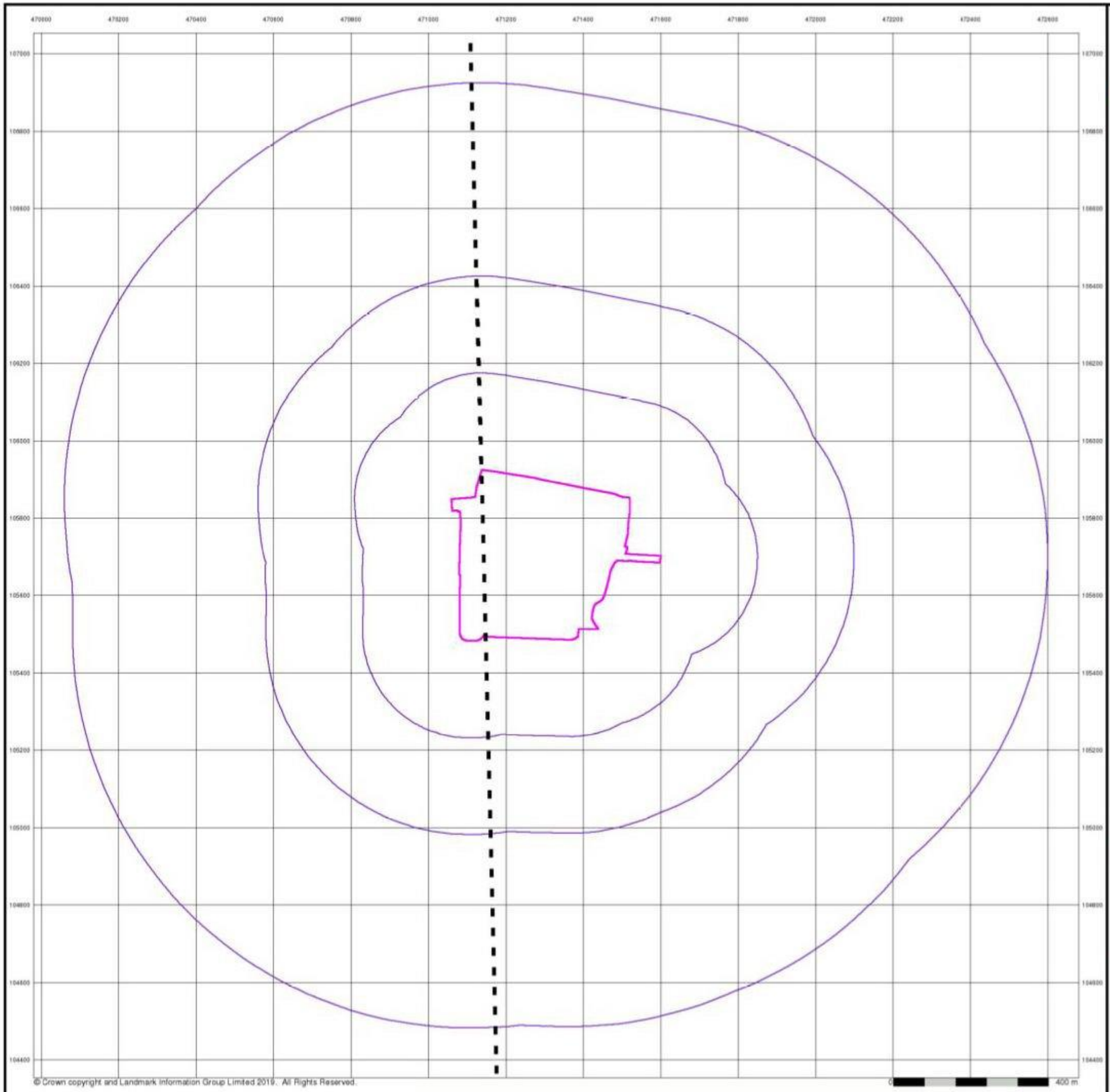
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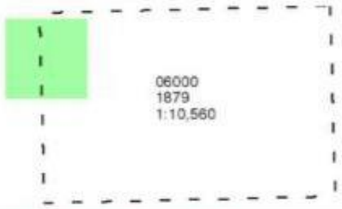
Sussex

Published 1879

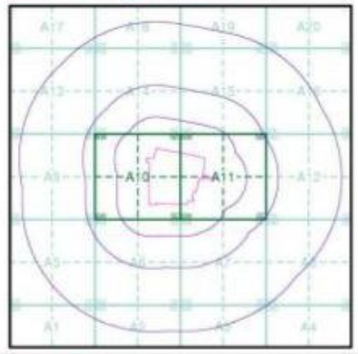
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Map Name(s) and Date(s)



Historical Map - Slice A



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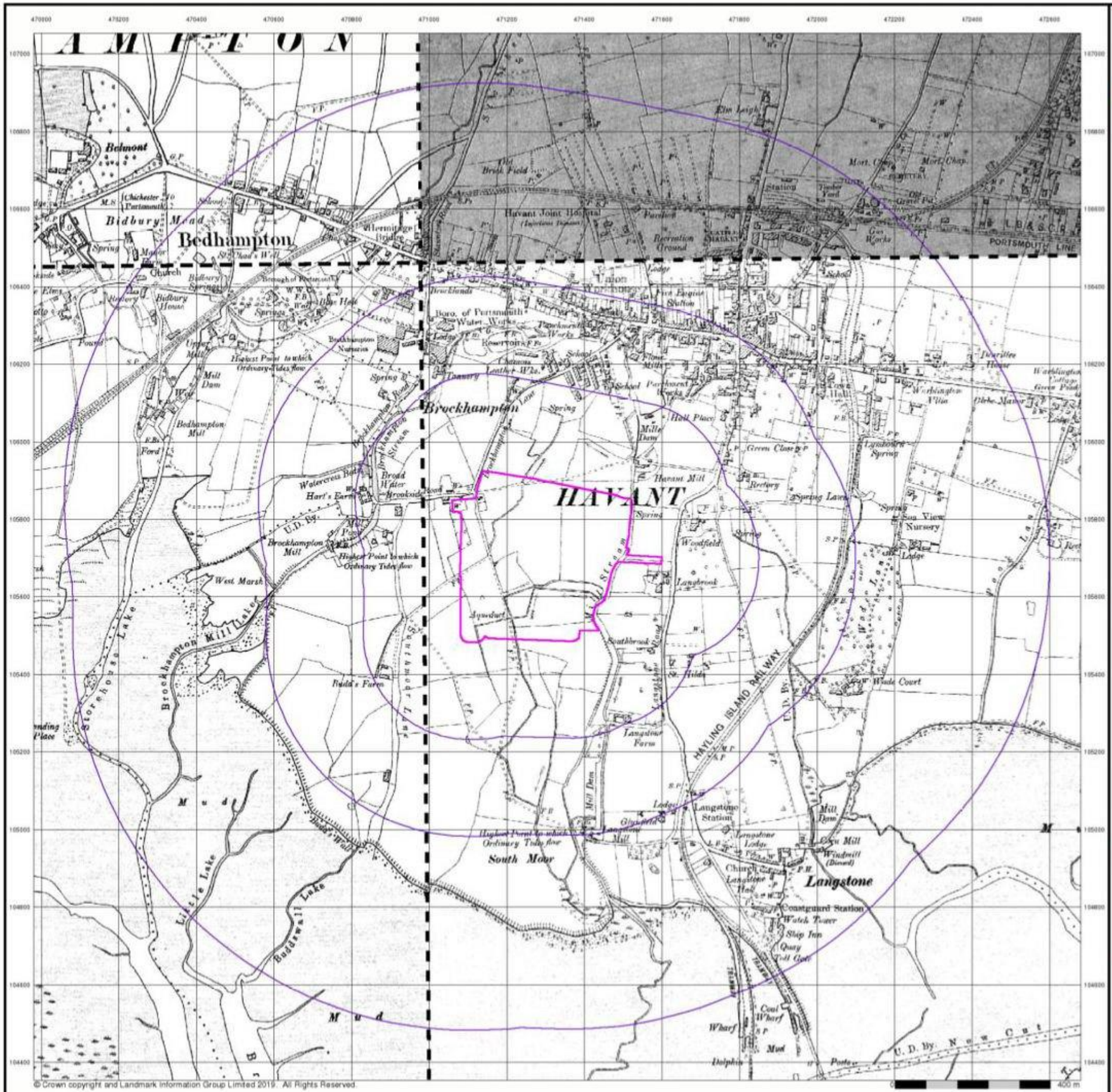
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Hampshire & Isle Of Wight

Published 1898

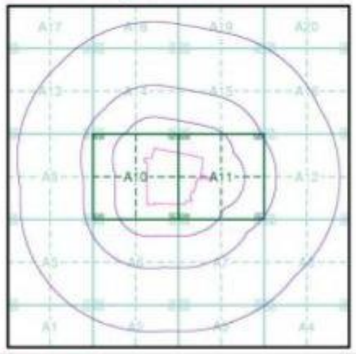
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Map Name(s) and Date(s)

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

Historical Map - Slice A



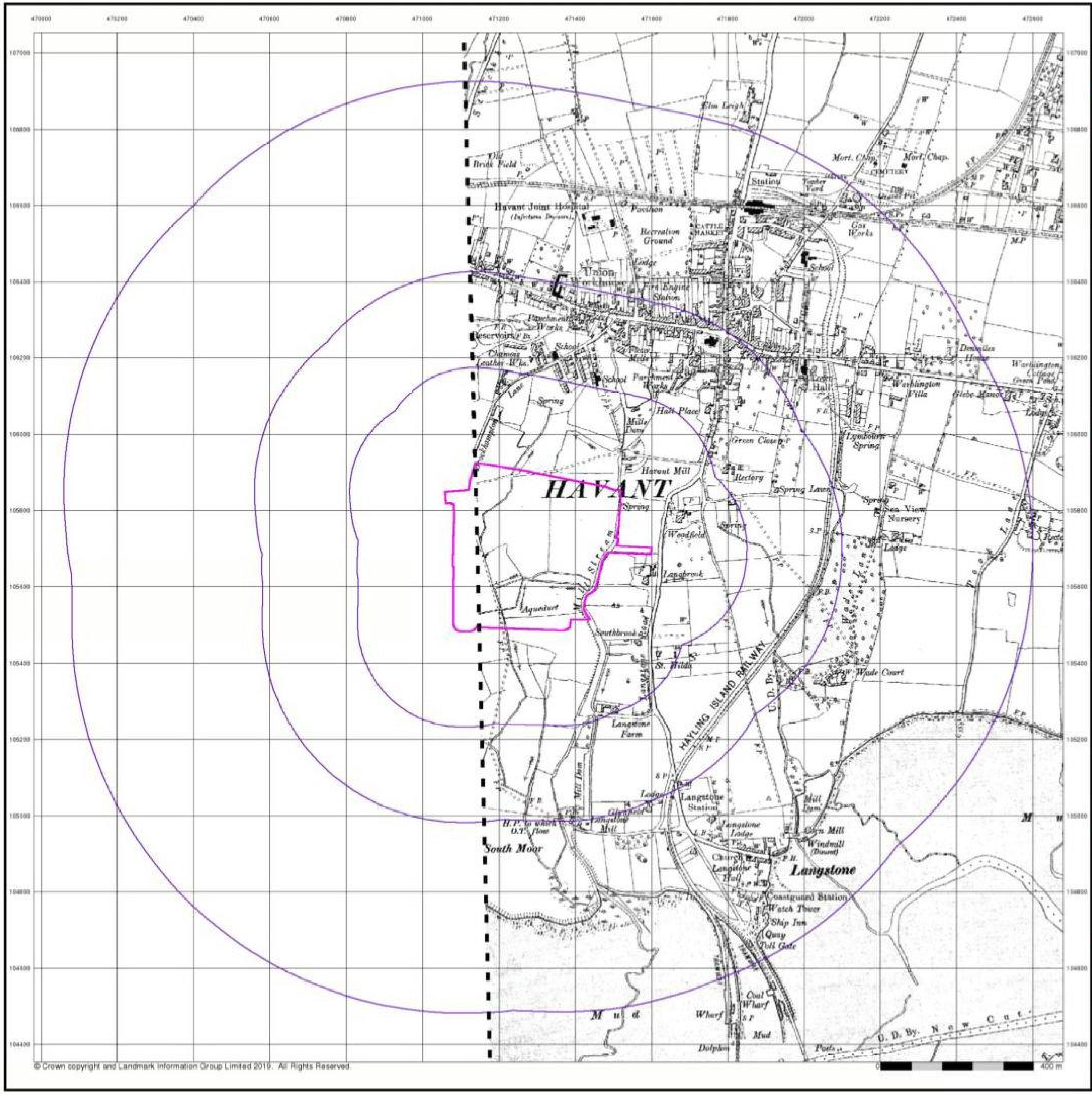
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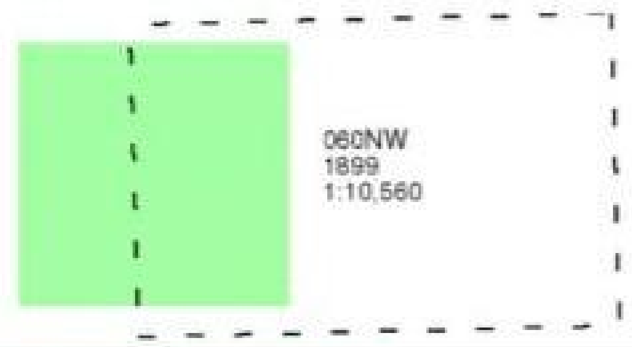
Sussex

Published 1899

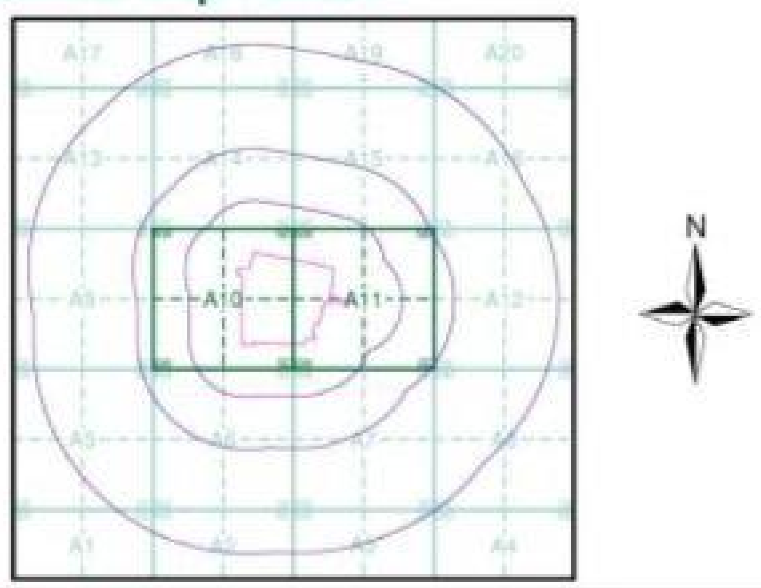
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Map Name(s) and Date(s)



Historical Map - Slice A



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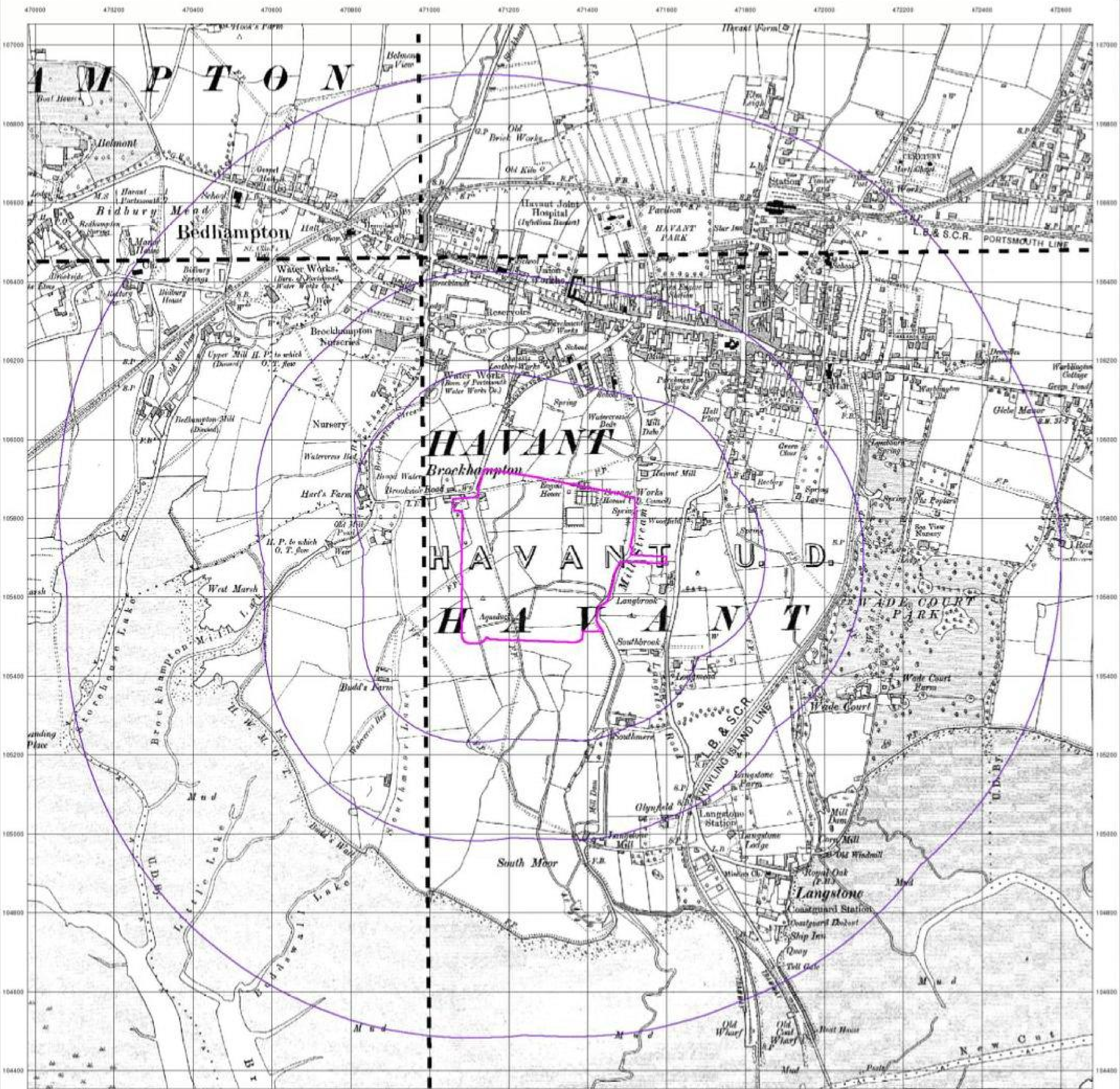
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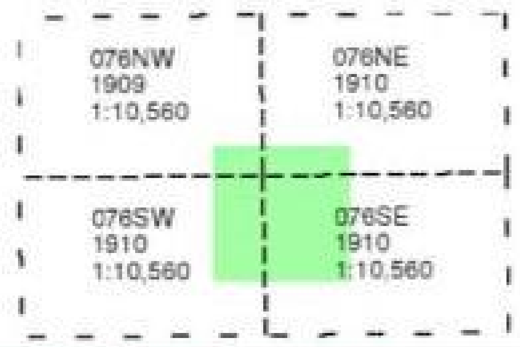
Hampshire & Isle Of Wight

Published 1909 - 1910

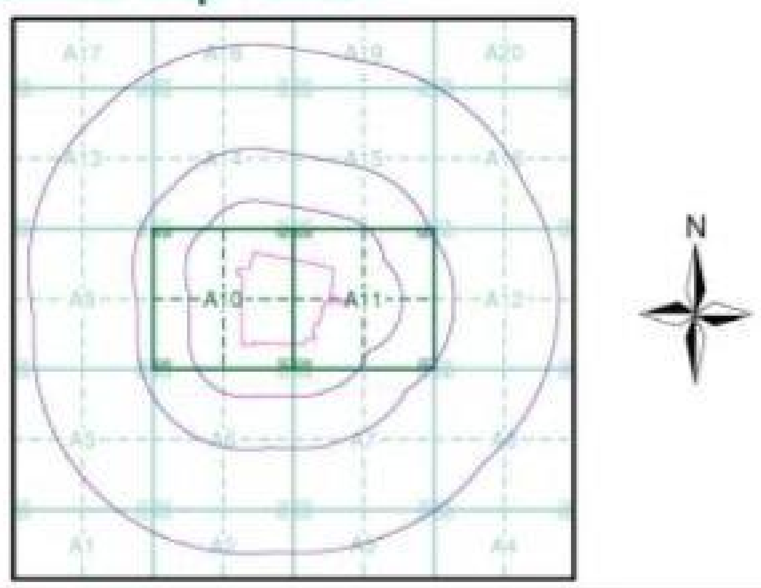
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Map Name(s) and Date(s)



Historical Map - Slice A



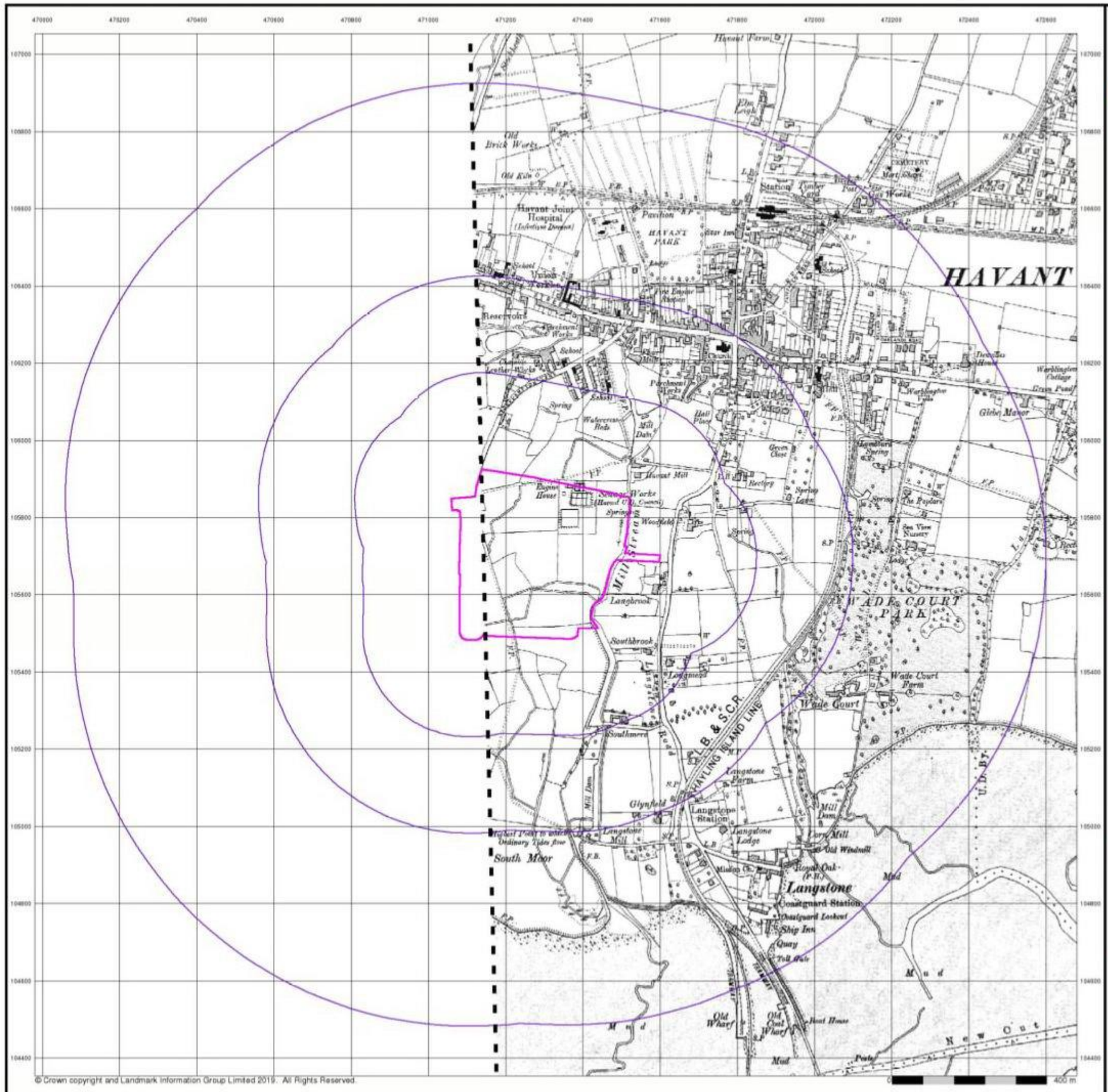
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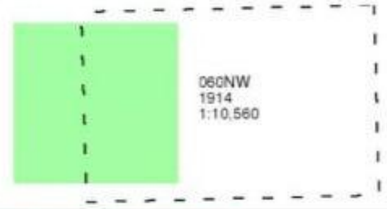
Sussex

Published 1914

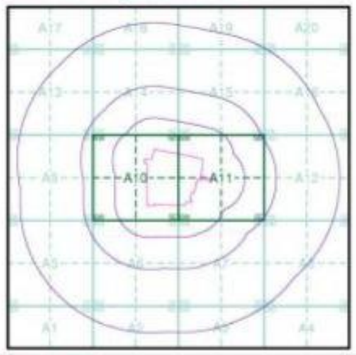
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	1000

Site Details

Hydroco, Langstone Technology Park 2b, Langstone Road, HAVANT, PO9 1SA

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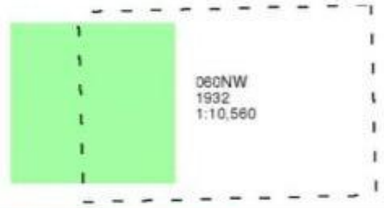
Sussex

Published 1932

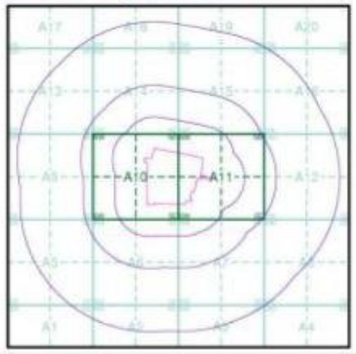
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Historical Map - Slice A



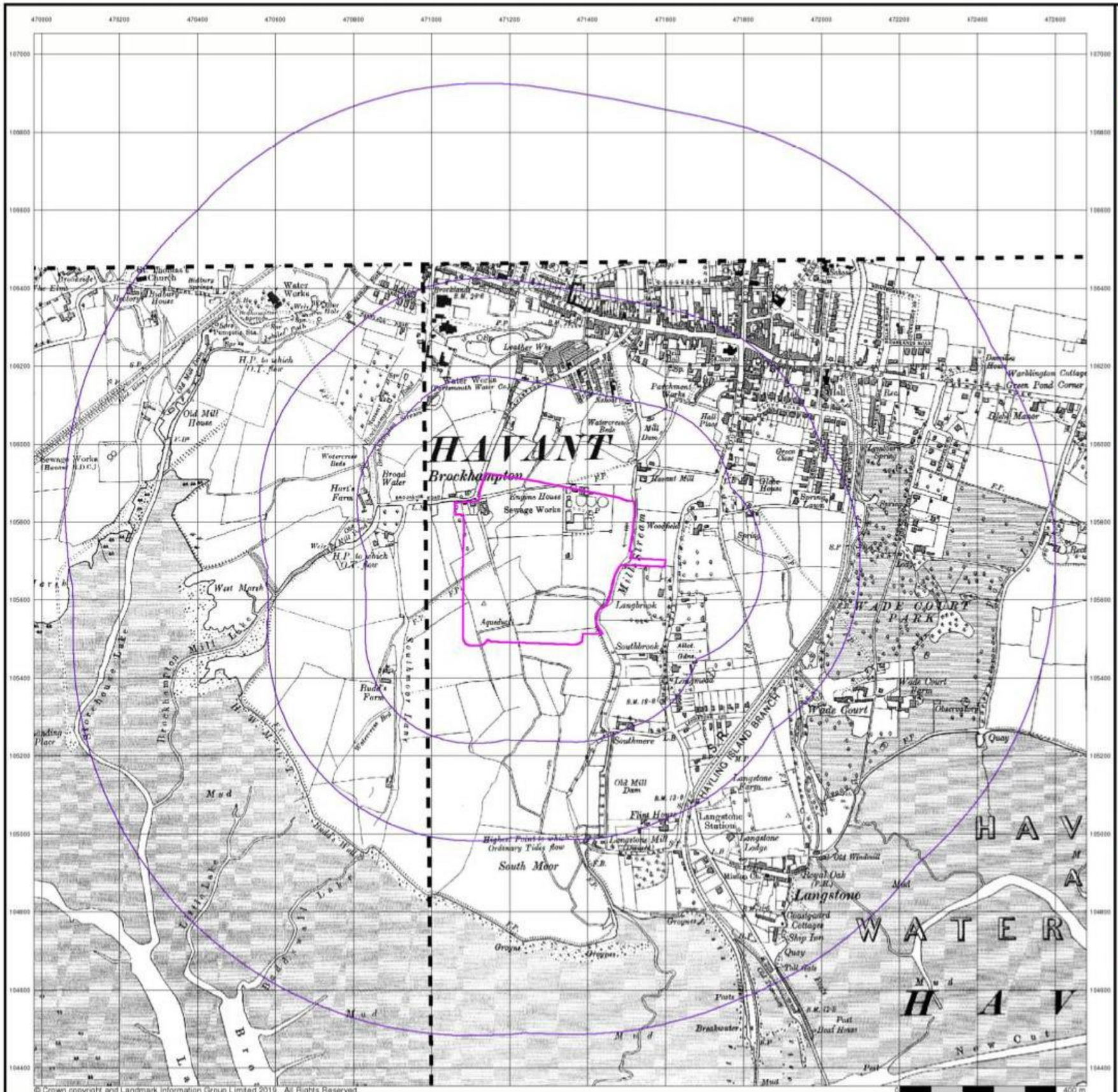
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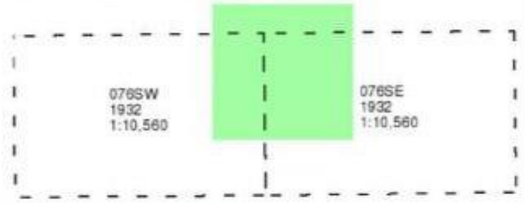
Hampshire & Isle Of Wight

Published 1932

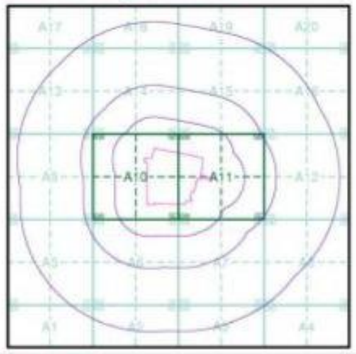
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Map Name(s) and Date(s)



Historical Map - Slice A



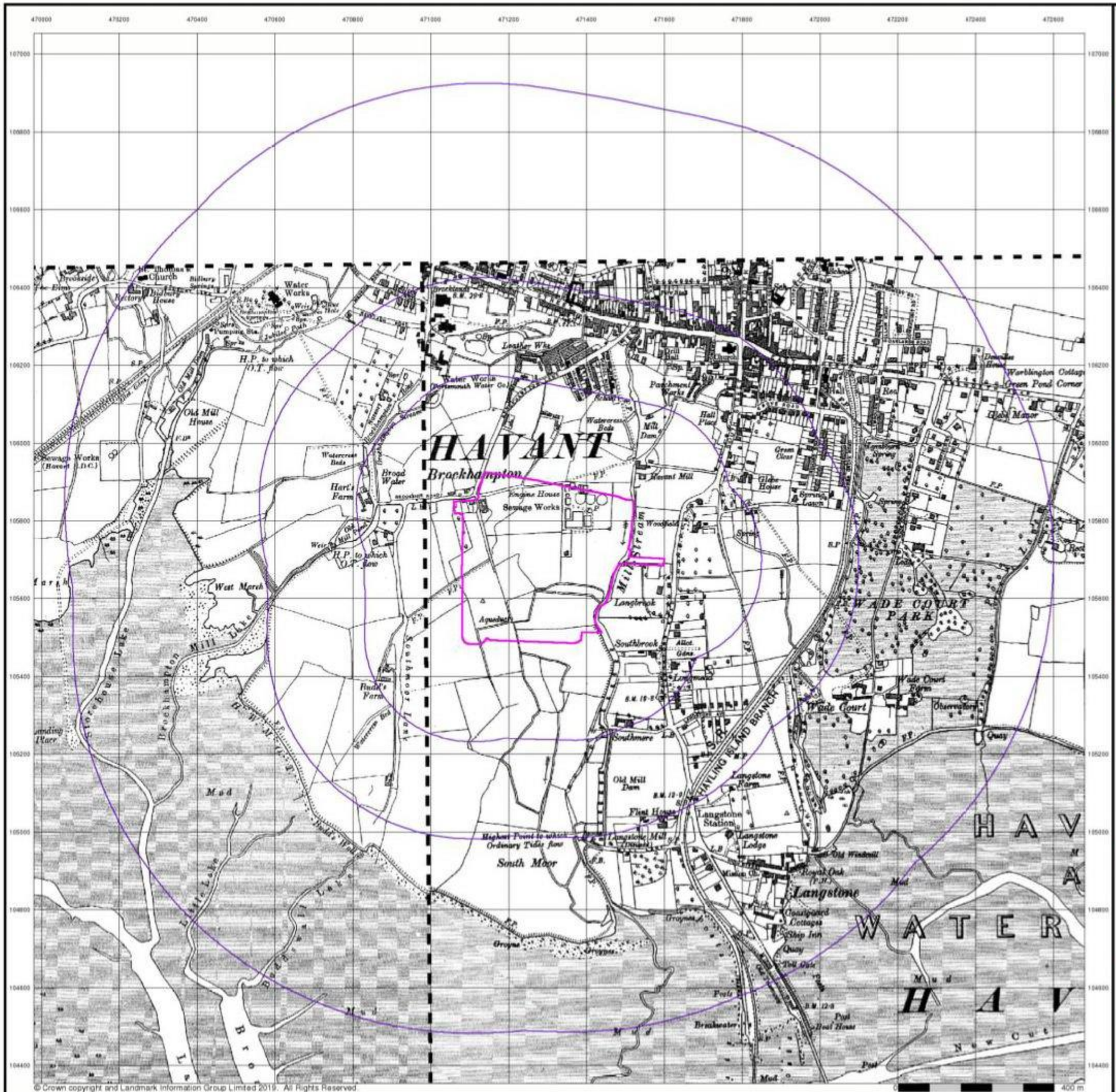
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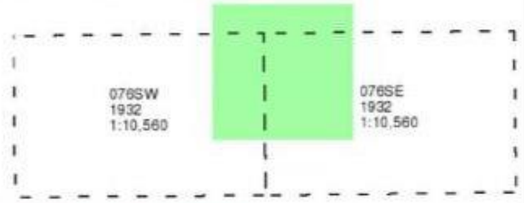
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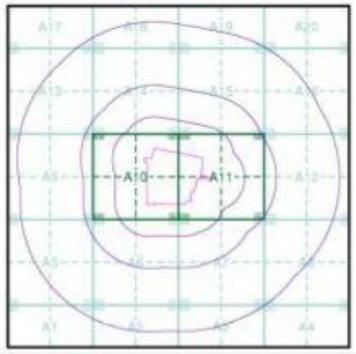
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Historical Map - Slice A



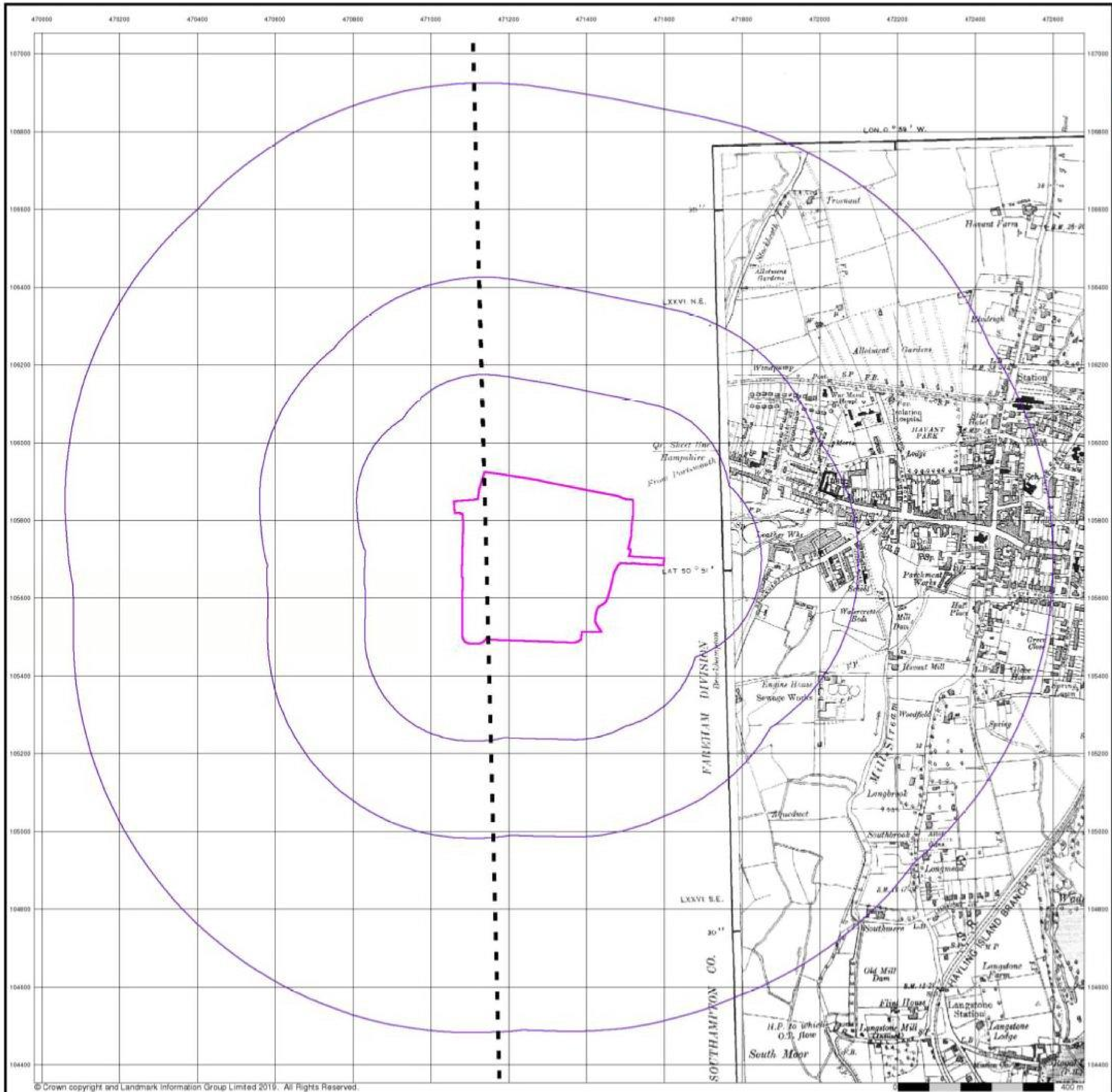
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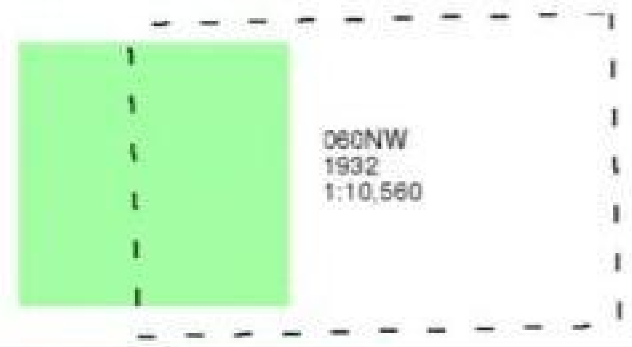
Sussex

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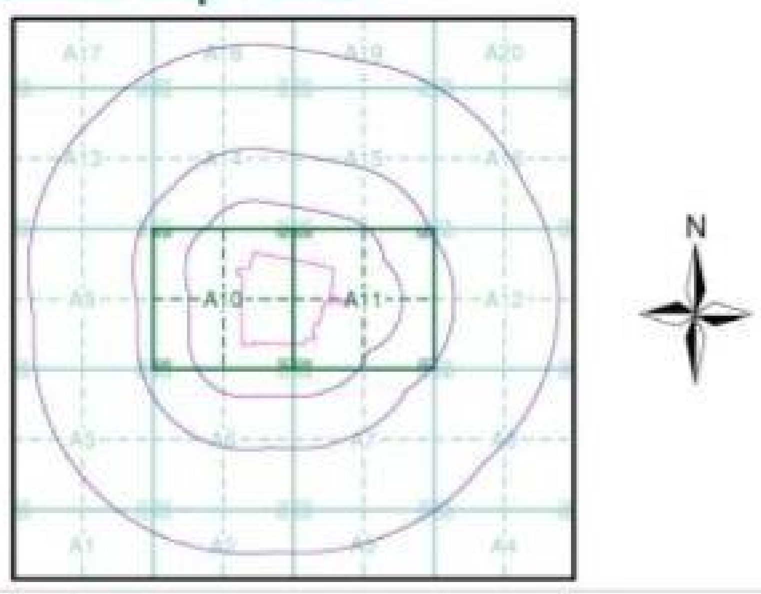
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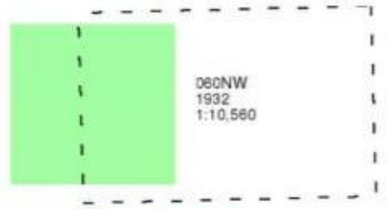
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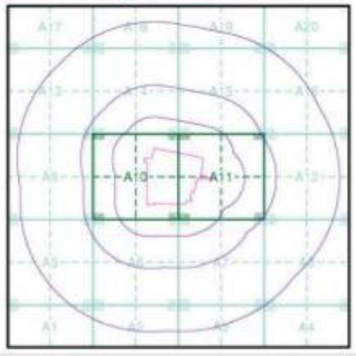
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Historical Map - Slice A



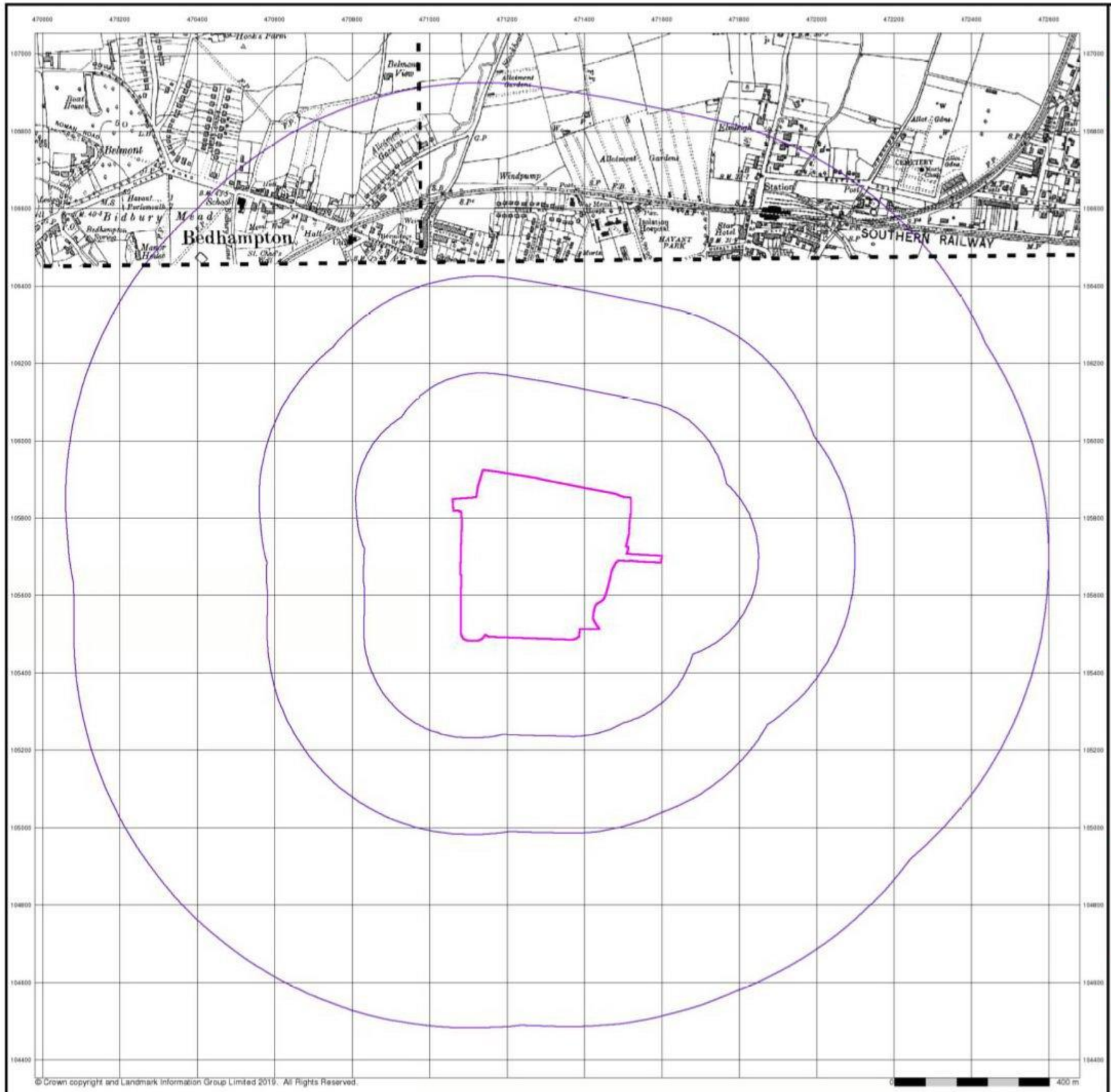
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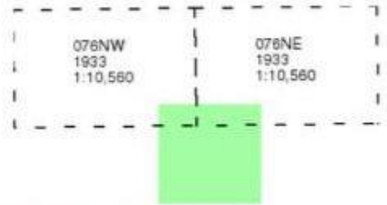
Hampshire & Isle Of Wight

Published 1933

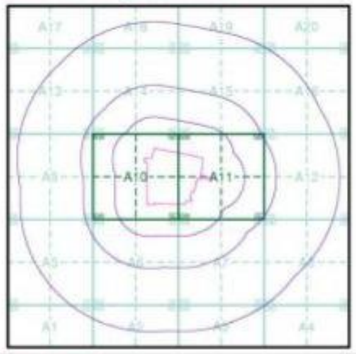
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

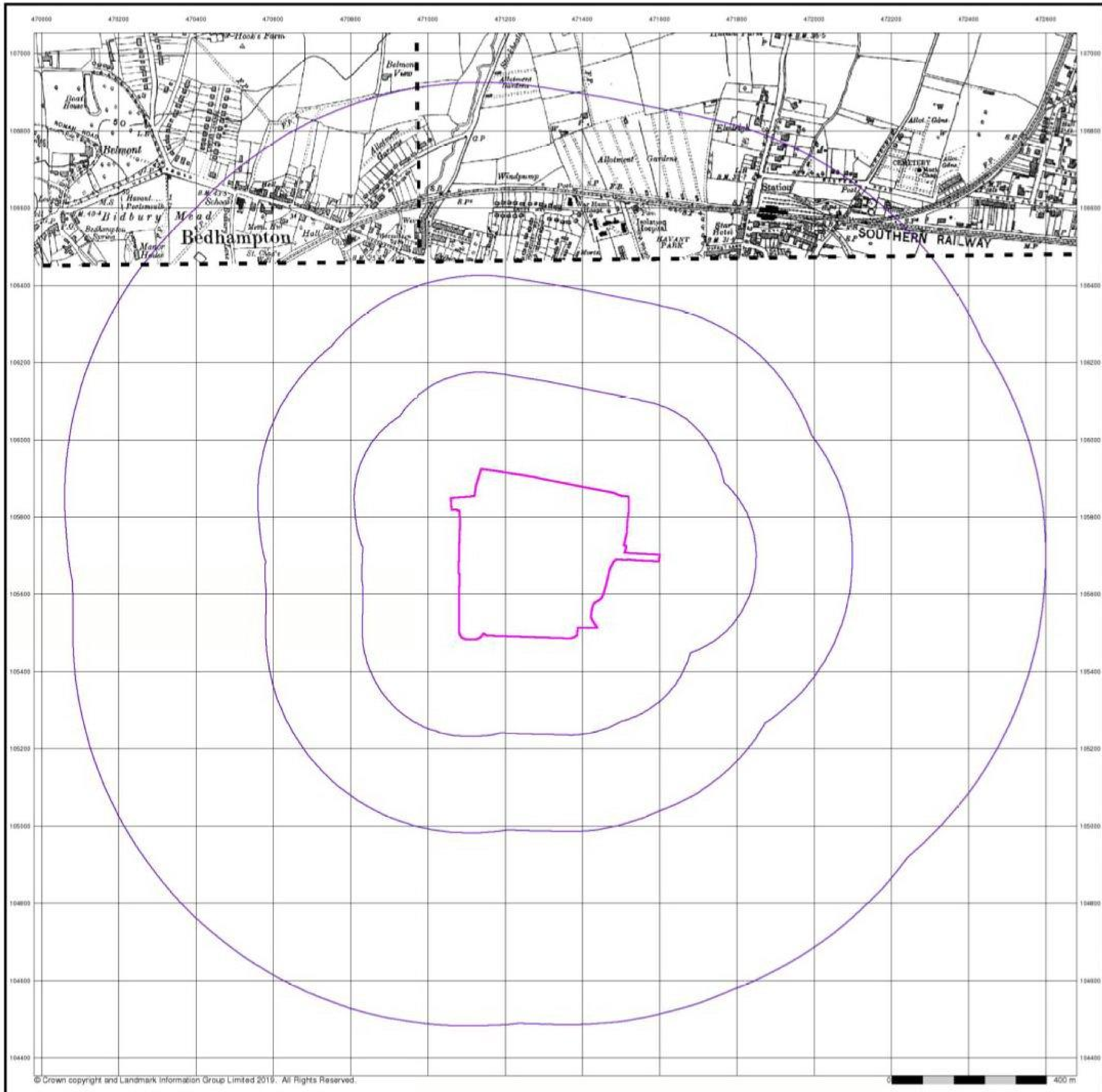
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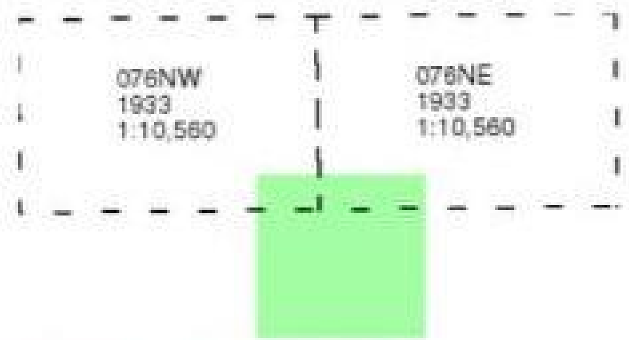
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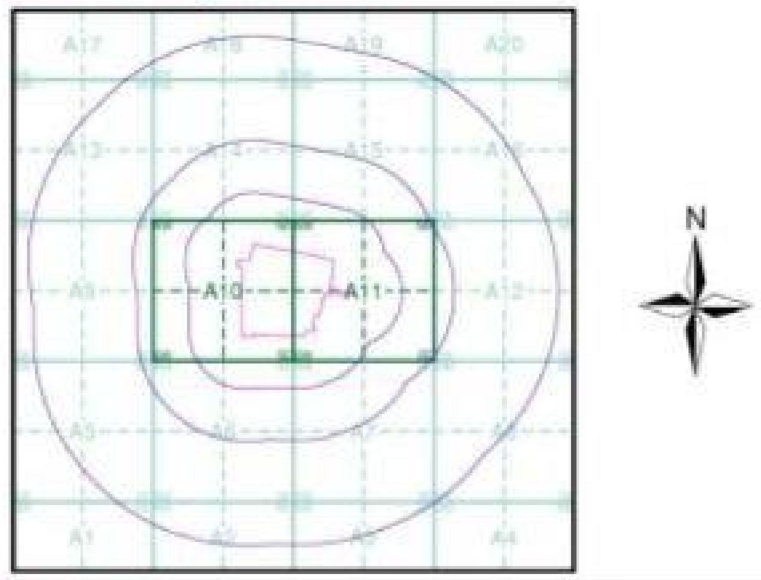
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Published 1933
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Historical Map - Slice A

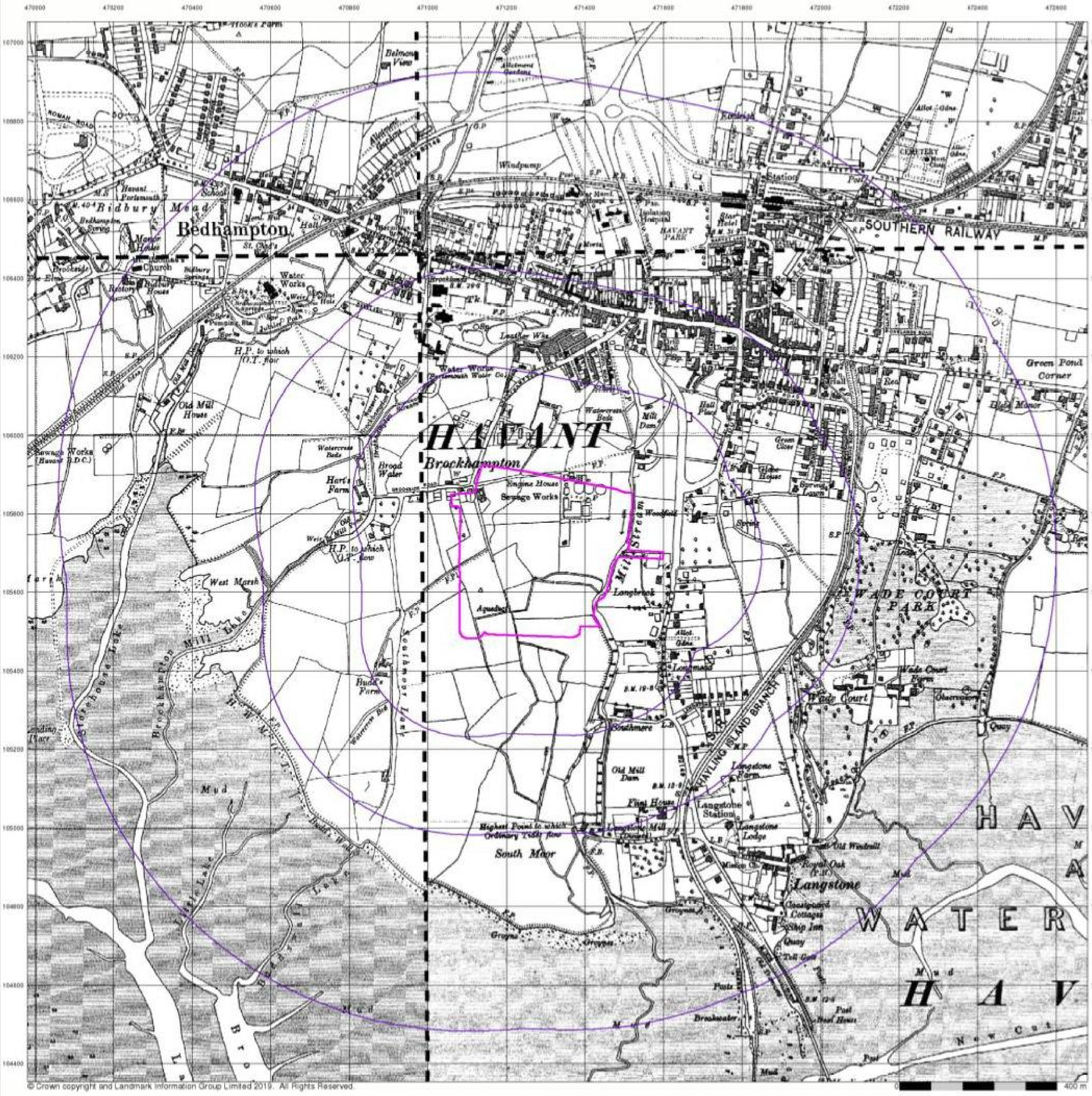


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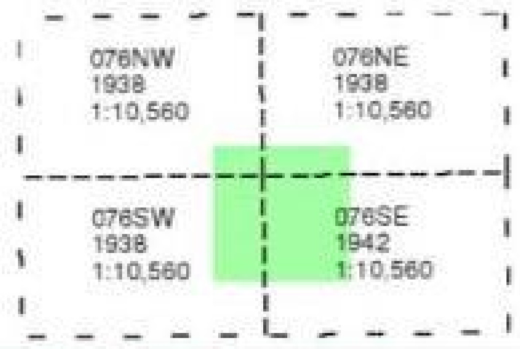
Hampshire & Isle Of Wight

Published 1938 - 1942

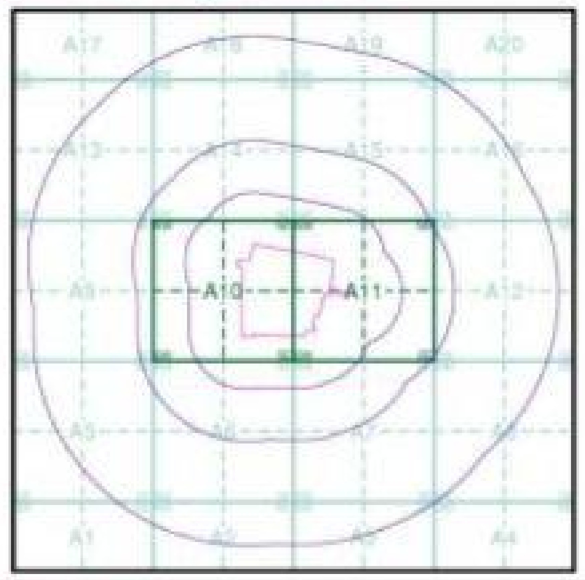
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Historical Map - Slice A





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Ordnance Survey Plan

Published 1962 - 1963

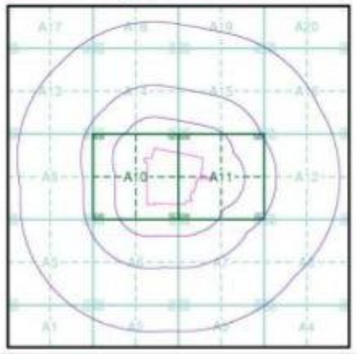
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Map Name(s) and Date(s)

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

Historical Map - Slice A



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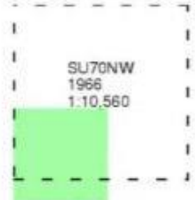
Ordnance Survey Plan

Published 1966

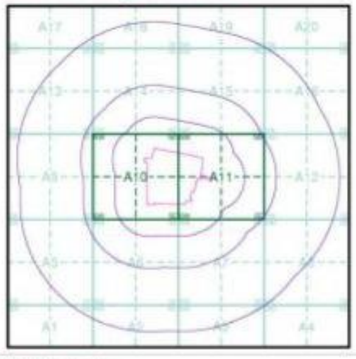
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Historical Map - Slice A



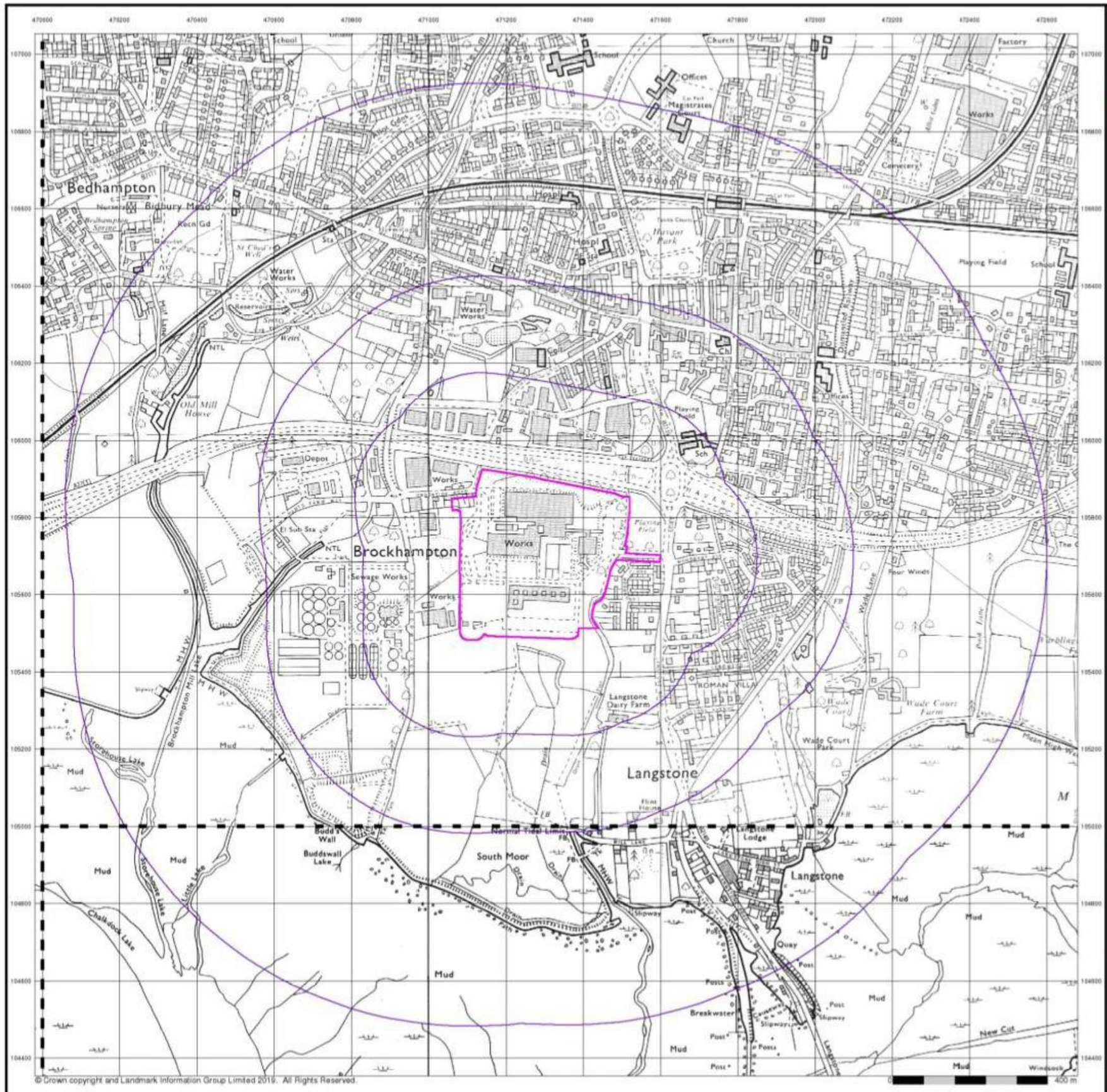
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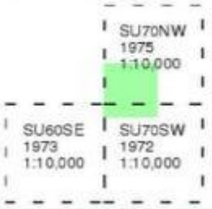
Ordnance Survey Plan

Published 1972 - 1975

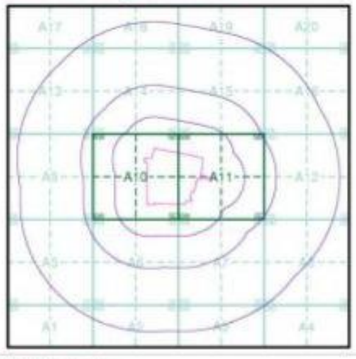
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Map Name(s) and Date(s)



Historical Map - Slice A



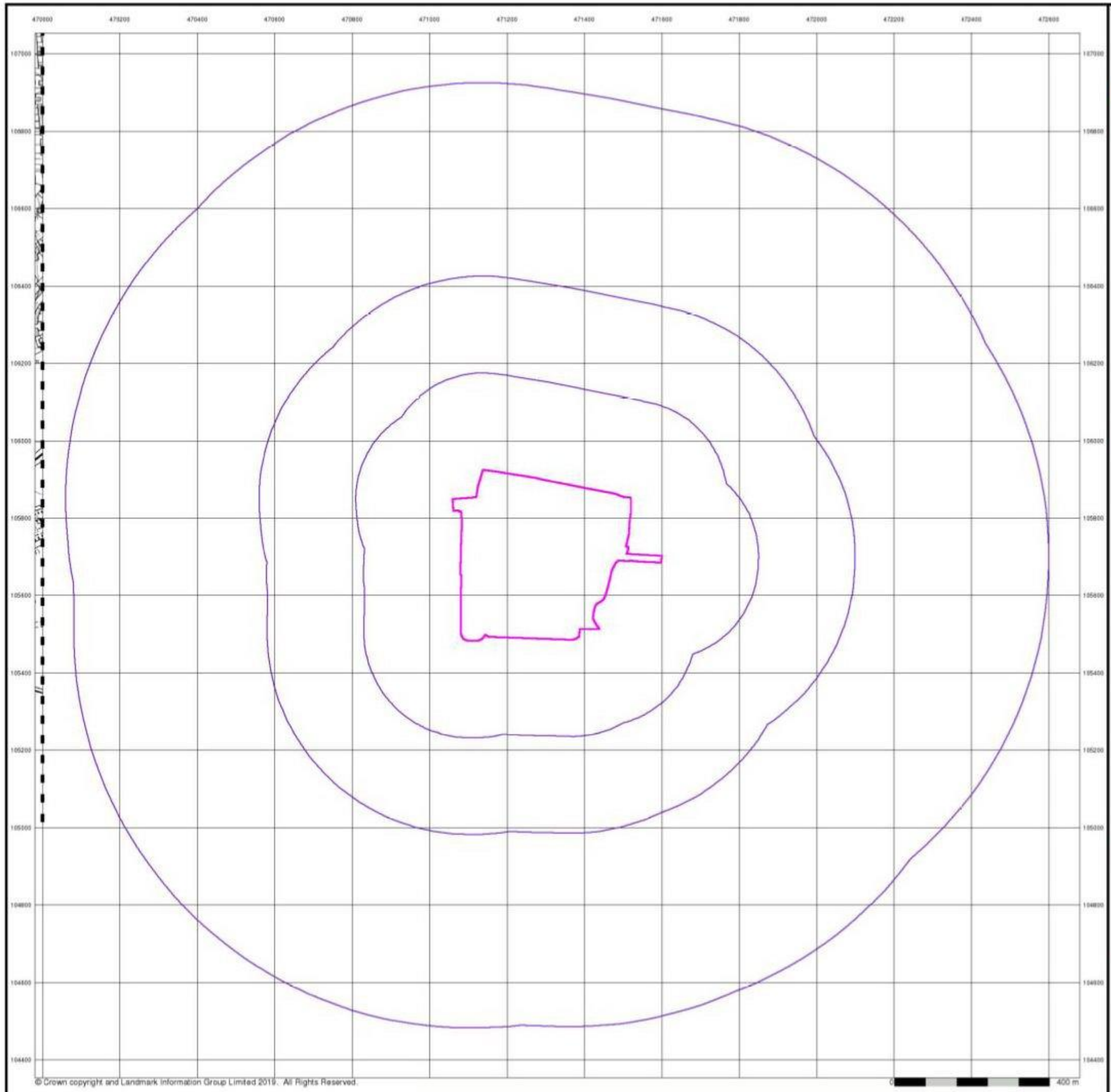
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Order Number:	203439487_1_1
Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	1000

Site Details

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Ordnance Survey Plan

Published 1982

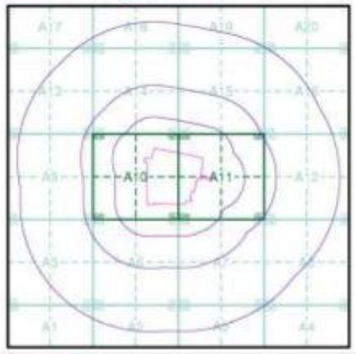
Source map scale - 1:10,000

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:	203439487_1_1
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Havant

Published 1983

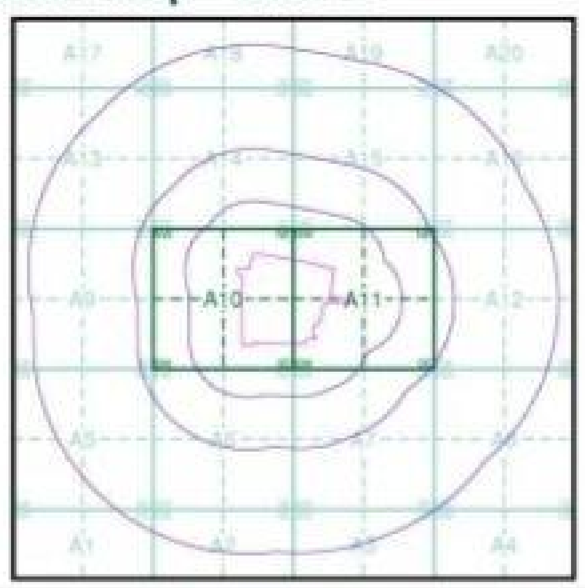
Source map scale - 1:25,000

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)

SU60 1983 1:25,000	SU70 1983 1:25,000

Russian Map - Slice A



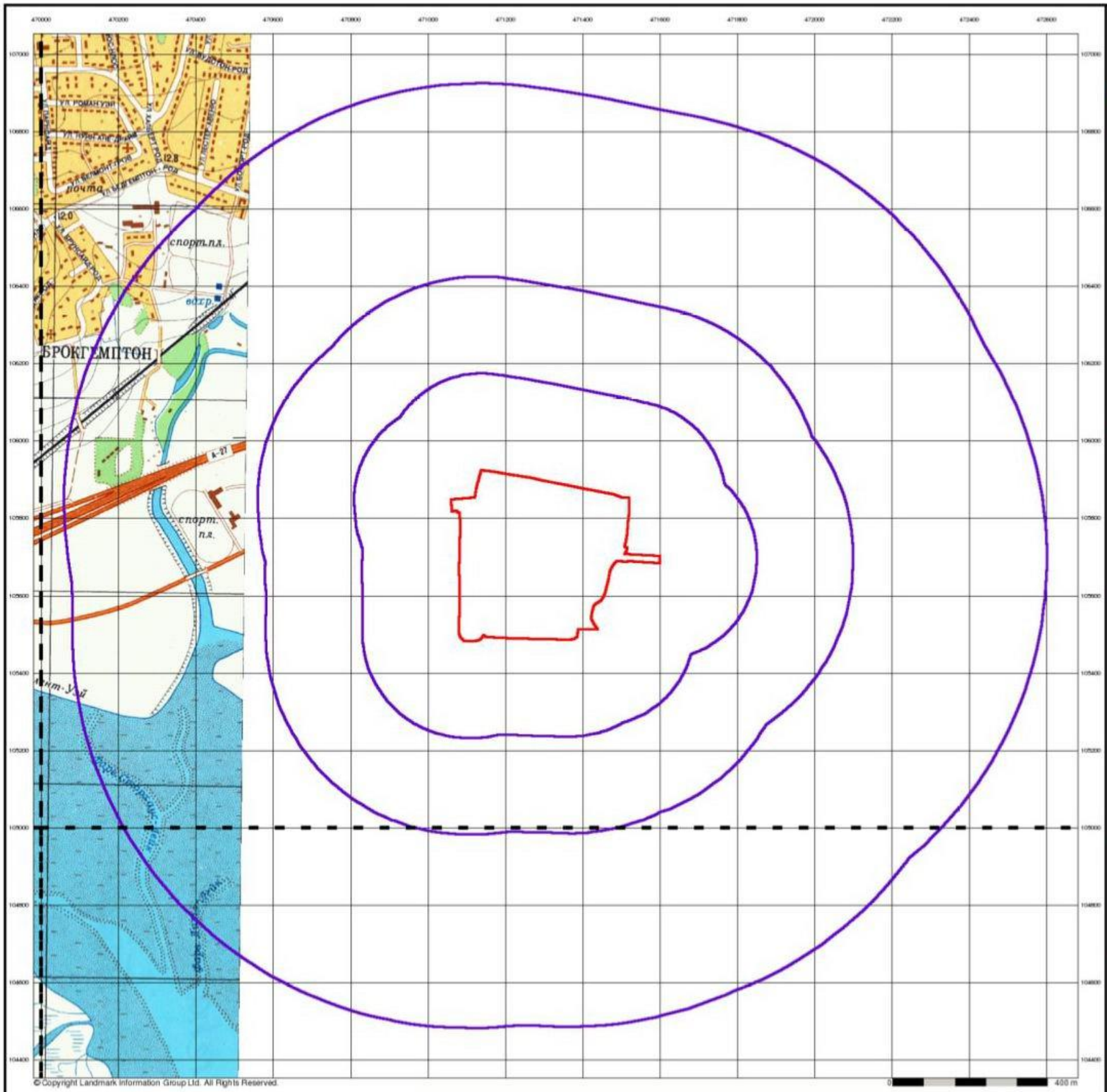
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Order Number: 203439487_1_1
Customer Ref: 19-0687.01
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Portsmouth

Published 1988

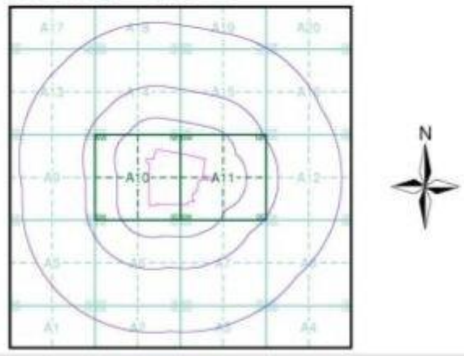
Source map scale - 1:10,000

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



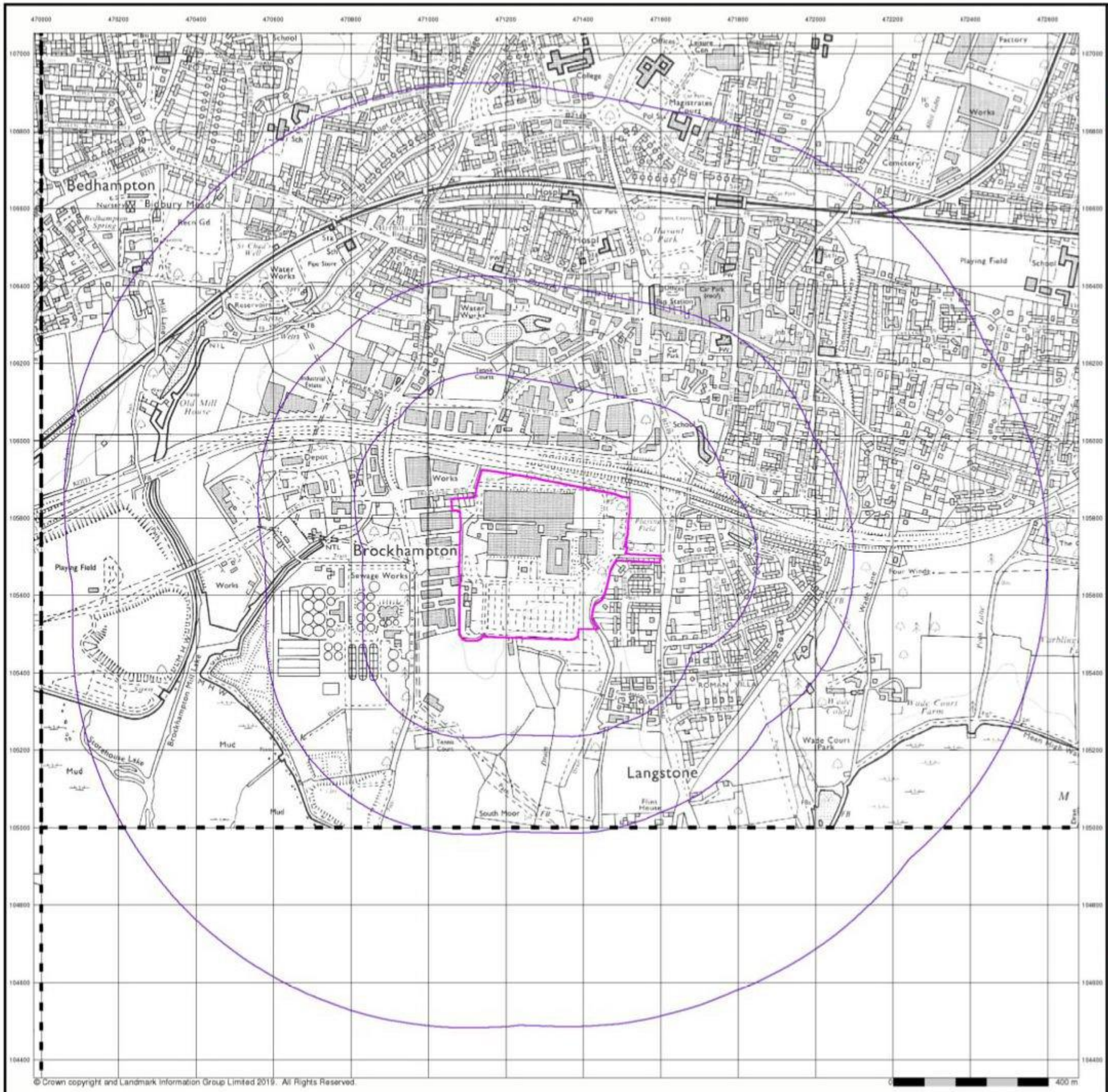
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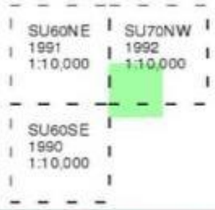
Ordnance Survey Plan

Published 1990 - 1992

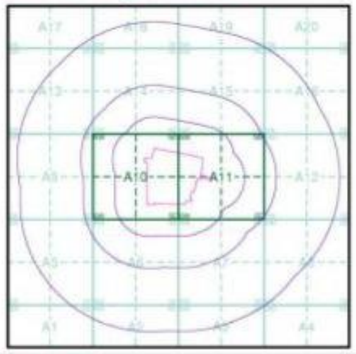
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

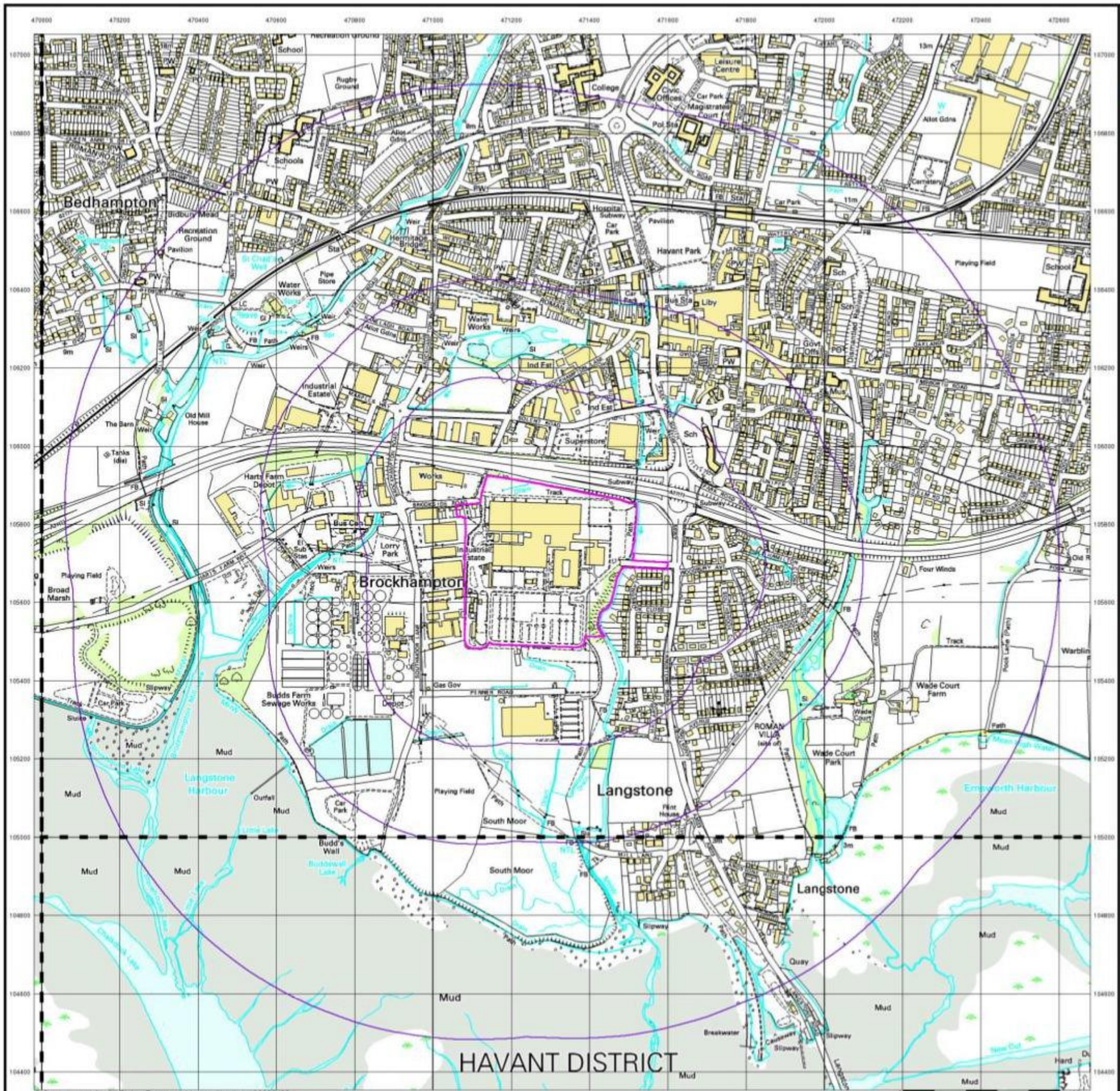
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National Grid Reference:	471300, 105700
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10k Raster Mapping

Published 2000

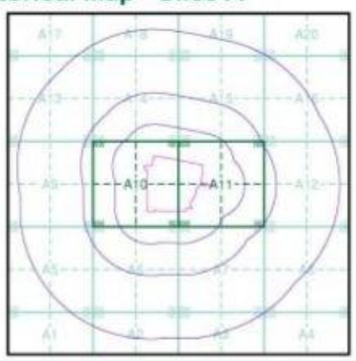
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

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:	203439487_1_1
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Slice:	A
Site Area (Ha):	16.11
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10k Raster Mapping

Published 2006

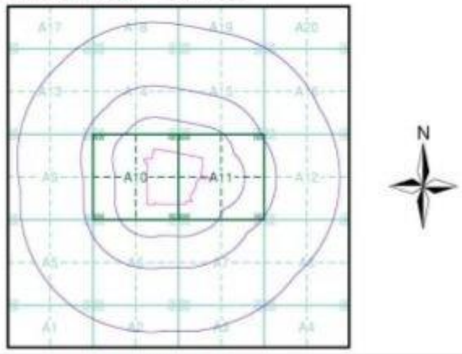
Source map scale - 1:10,000

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:	203439487_1_1
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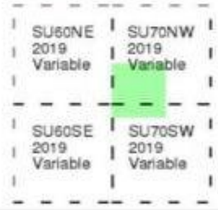
VectorMap Local

Published 2019

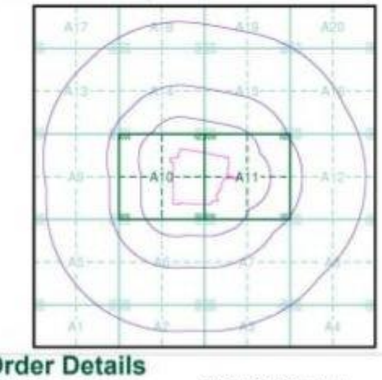
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

Order Number:	203439487_1_1
Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
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Site Details

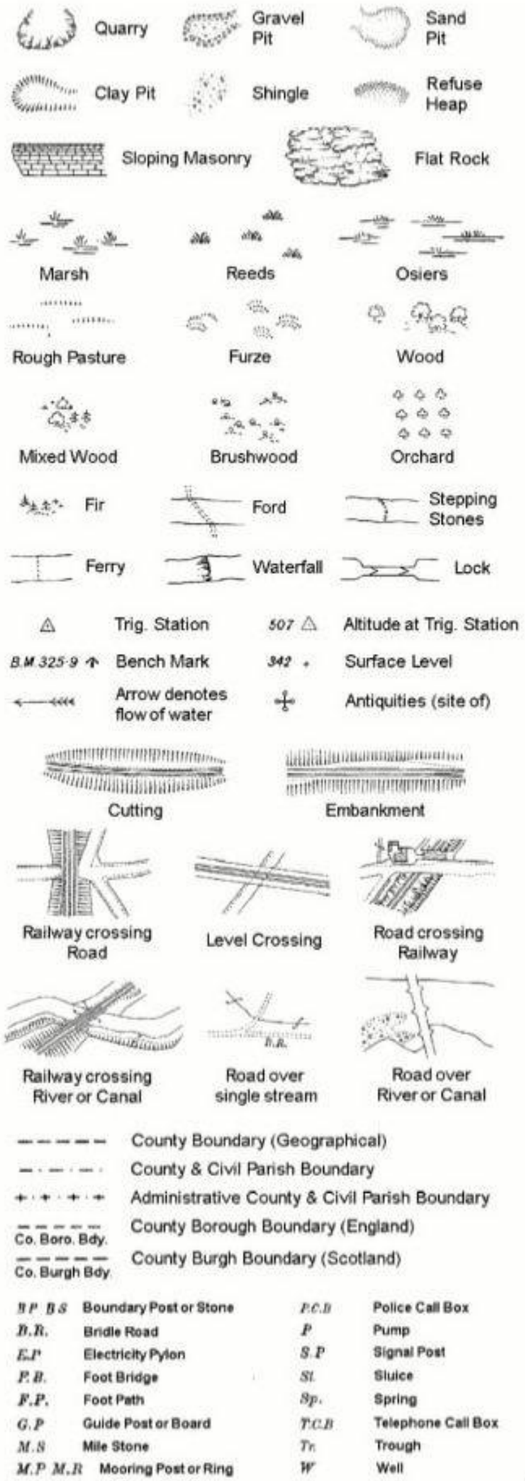
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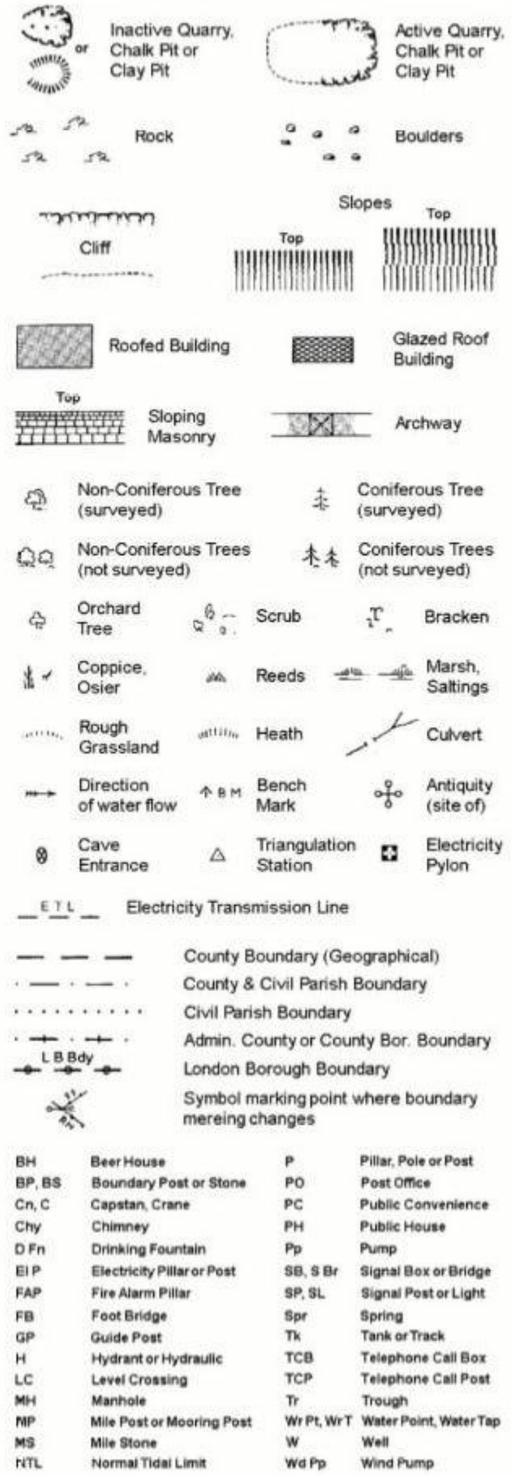
Historical Mapping Legends

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



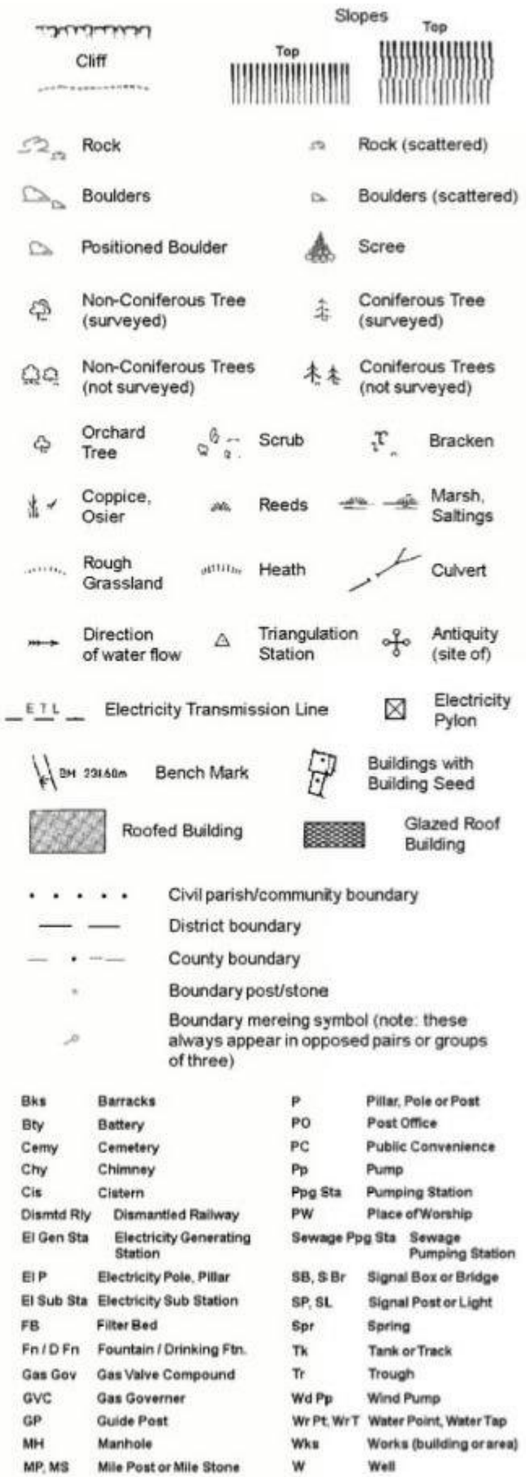
B.P B.S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



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	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
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 Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

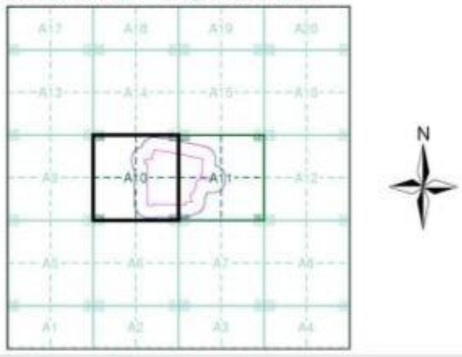
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1866	2
Hampshire & Isle Of Wight	1:2,500	1867 - 1868	3
Hampshire & Isle Of Wight	1:2,500	1868	4
Hampshire & Isle Of Wight	1:2,500	1897	5
Hampshire & Isle Of Wight	1:2,500	1909	6
Hampshire & Isle Of Wight	1:2,500	1932	7
Additional SIMs	1:2,500	1953 - 1987	8
Ordnance Survey Plan	1:2,500	1954 - 1969	9
Ordnance Survey Plan	1:1,250	1959 - 1973	10
Ordnance Survey Plan	1:2,500	1961 - 1974	11
Ordnance Survey Plan	1:2,500	1969	12
Ordnance Survey Plan	1:1,250	1969 - 1989	13
Ordnance Survey Plan	1:1,250	1973	14
Supply of Unpublished Survey Information	1:1,250	1973	15
Supply of Unpublished Survey Information	1:2,500	1973	16
Additional SIMs	1:2,500	1984	17
Additional SIMs	1:1,250	1987 - 1989	18
Large-Scale National Grid Data	1:2,500	1993	19
Large-Scale National Grid Data	1:1,250	1993	20
Large-Scale National Grid Data	1:1,250	1996	21
Historical Aerial Photography	1:2,500	1999	22

Historical Map - Segment A10



Order Details

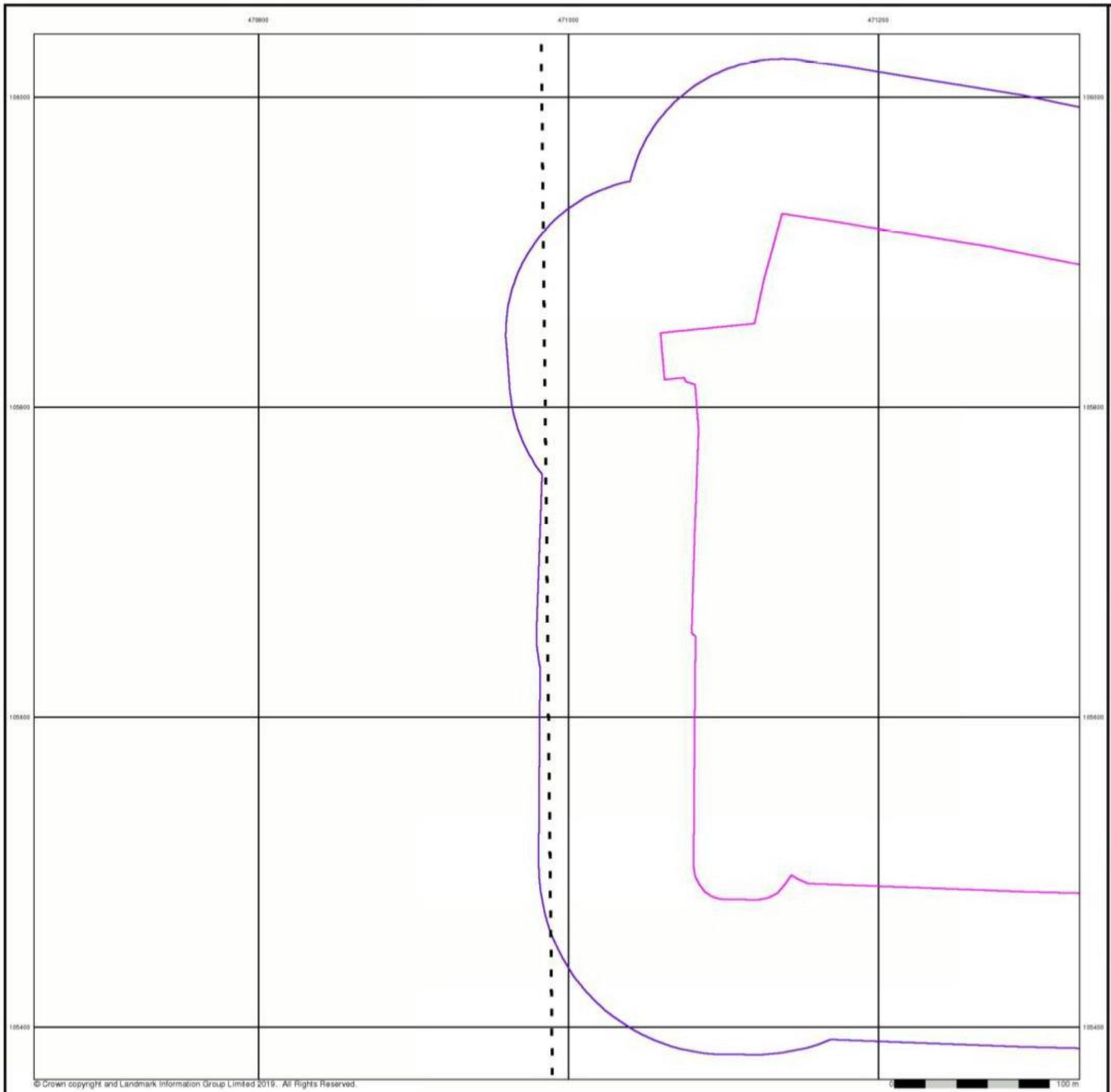
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Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	100

Site Details

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Hampshire & Isle Of Wight

Published 1866

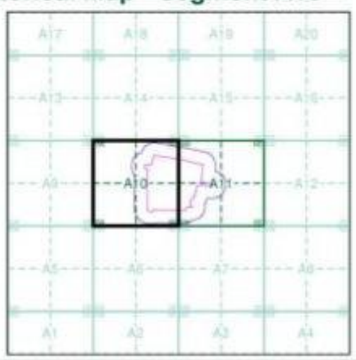
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

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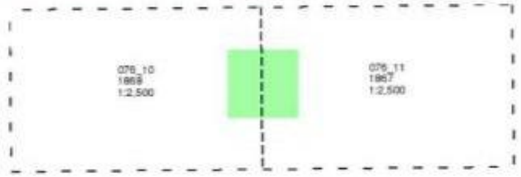
Hampshire & Isle Of Wight

Published 1867 - 1868

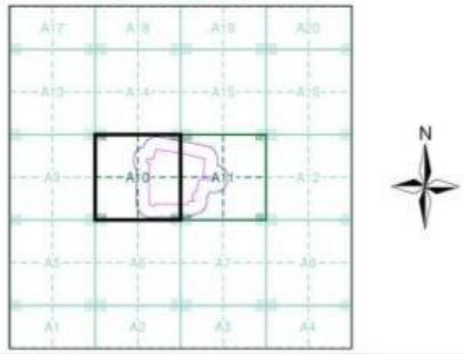
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

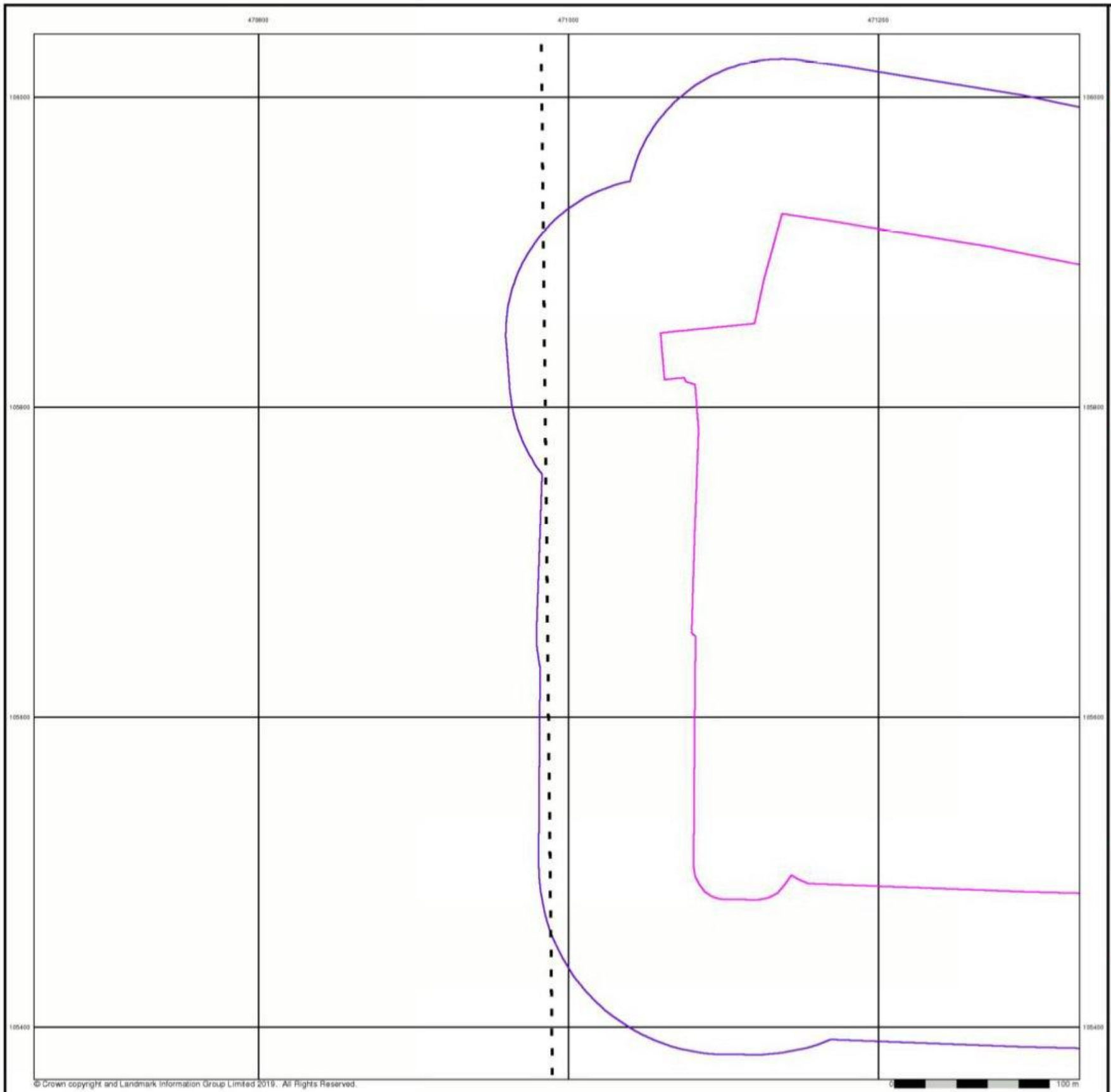
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Hampshire & Isle Of Wight

Published 1868

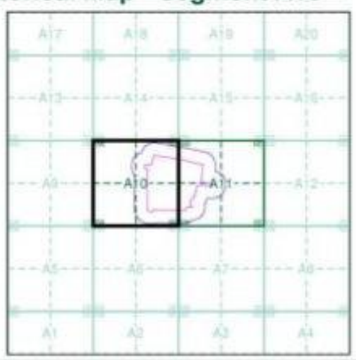
Source map scale - 1:2,500

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Map Name(s) and Date(s)



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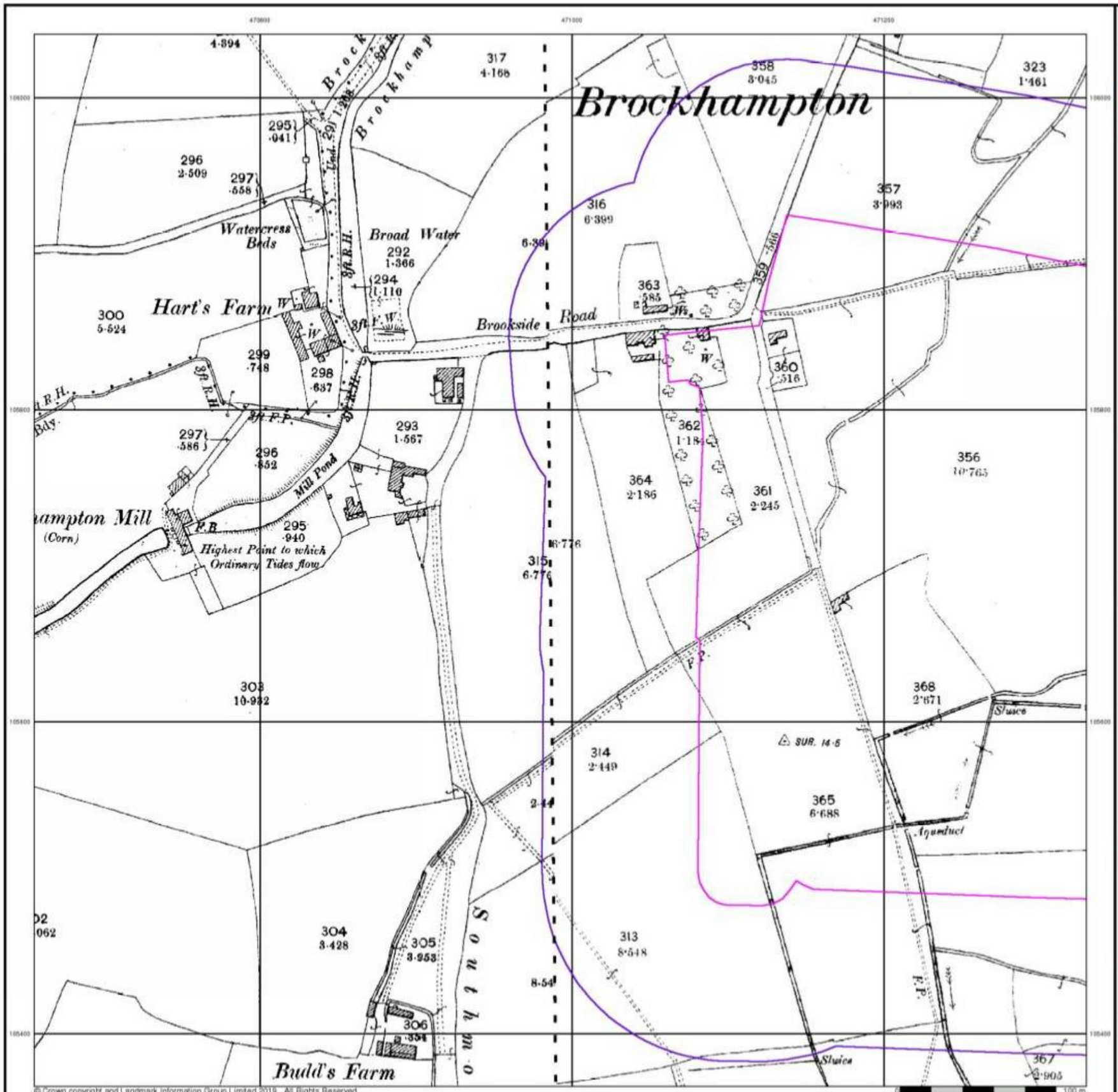
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National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	100

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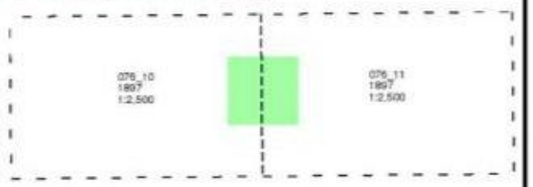
Hampshire & Isle Of Wight

Published 1897

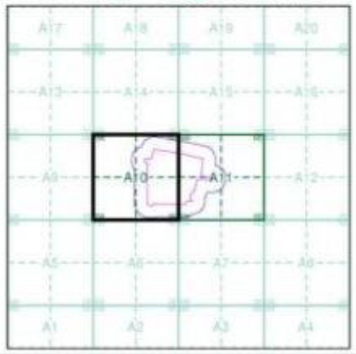
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Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

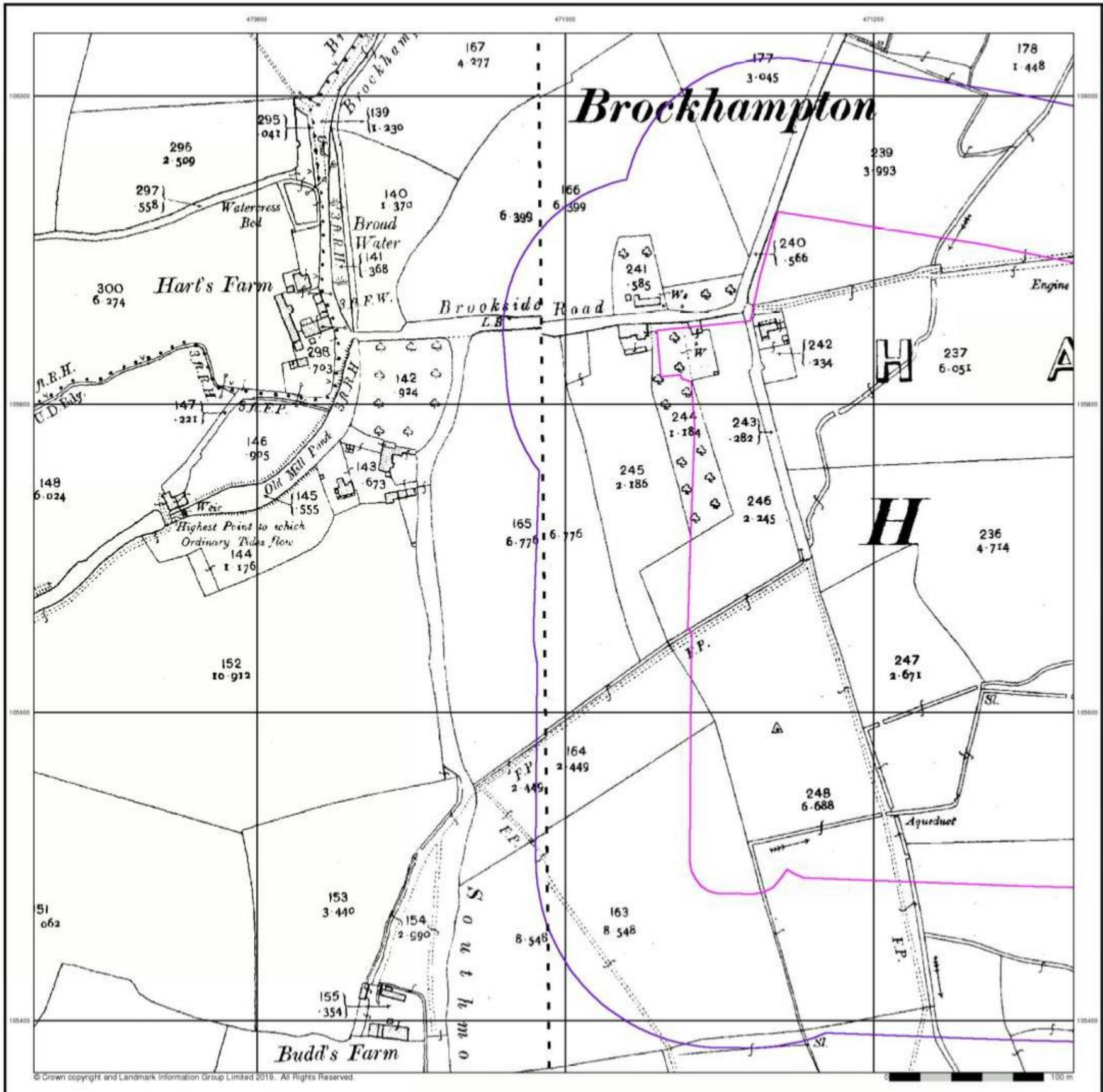
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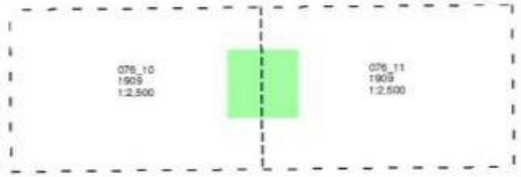
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Published 1909

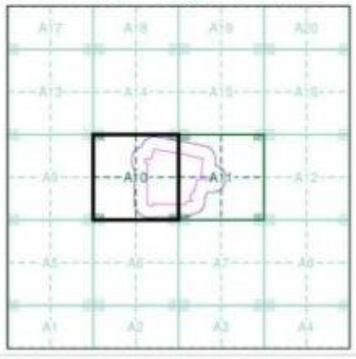
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Map Name(s) and Date(s)



Historical Map - Segment A10



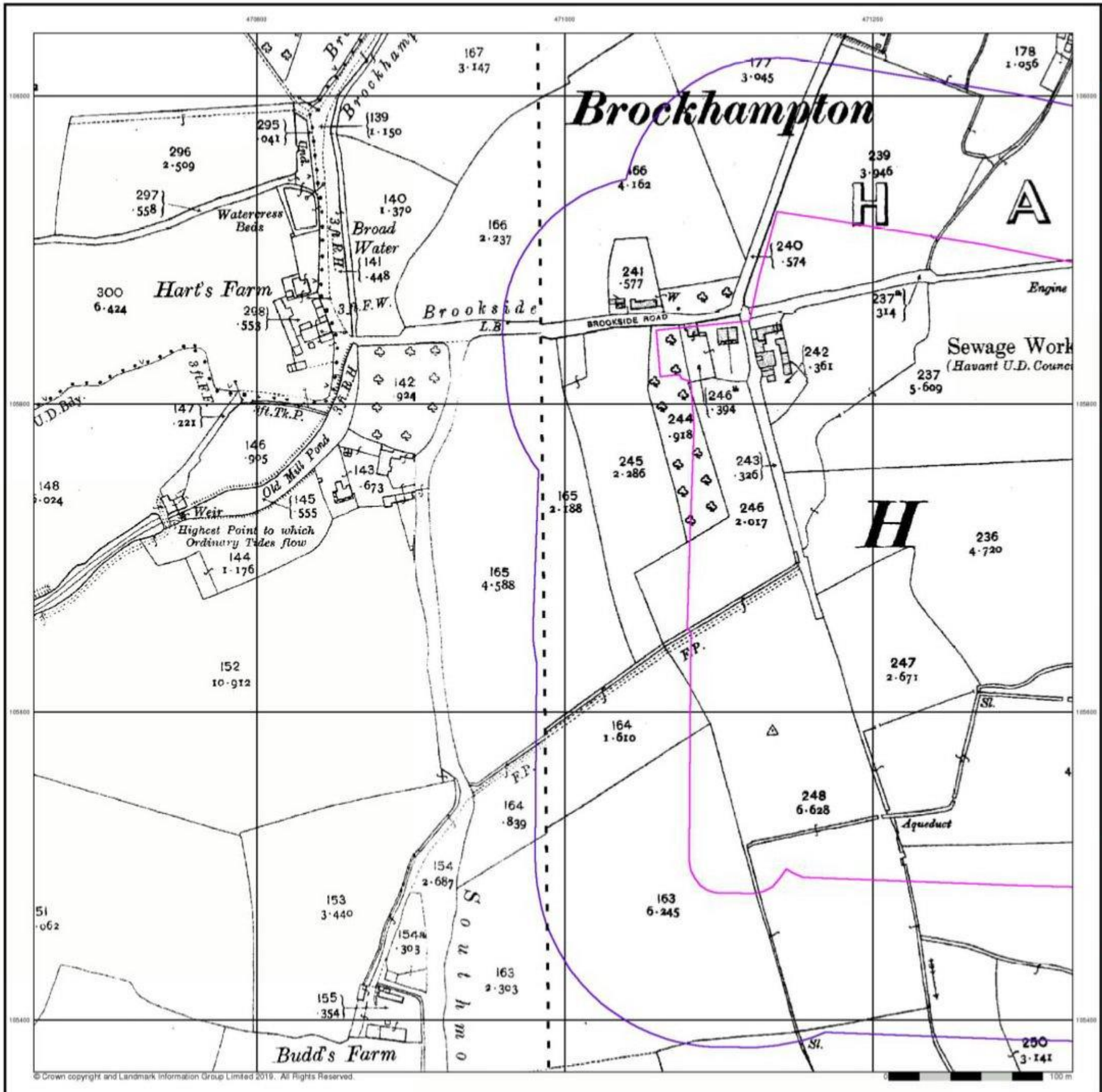
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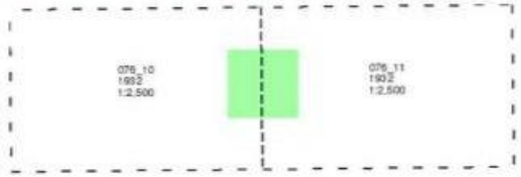
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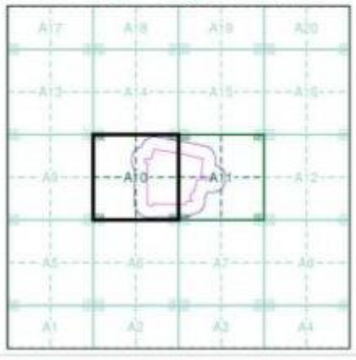
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Map Name(s) and Date(s)



Historical Map - Segment A10



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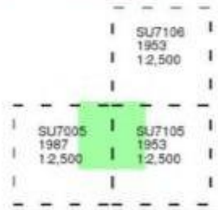
Additional SIMs

Published 1953 - 1987

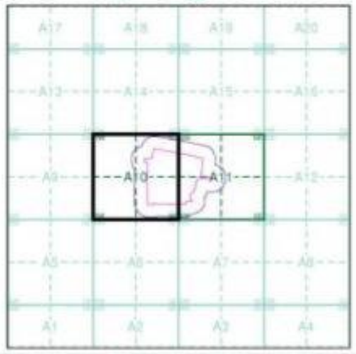
Source map scale - 1:2,500

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 A10



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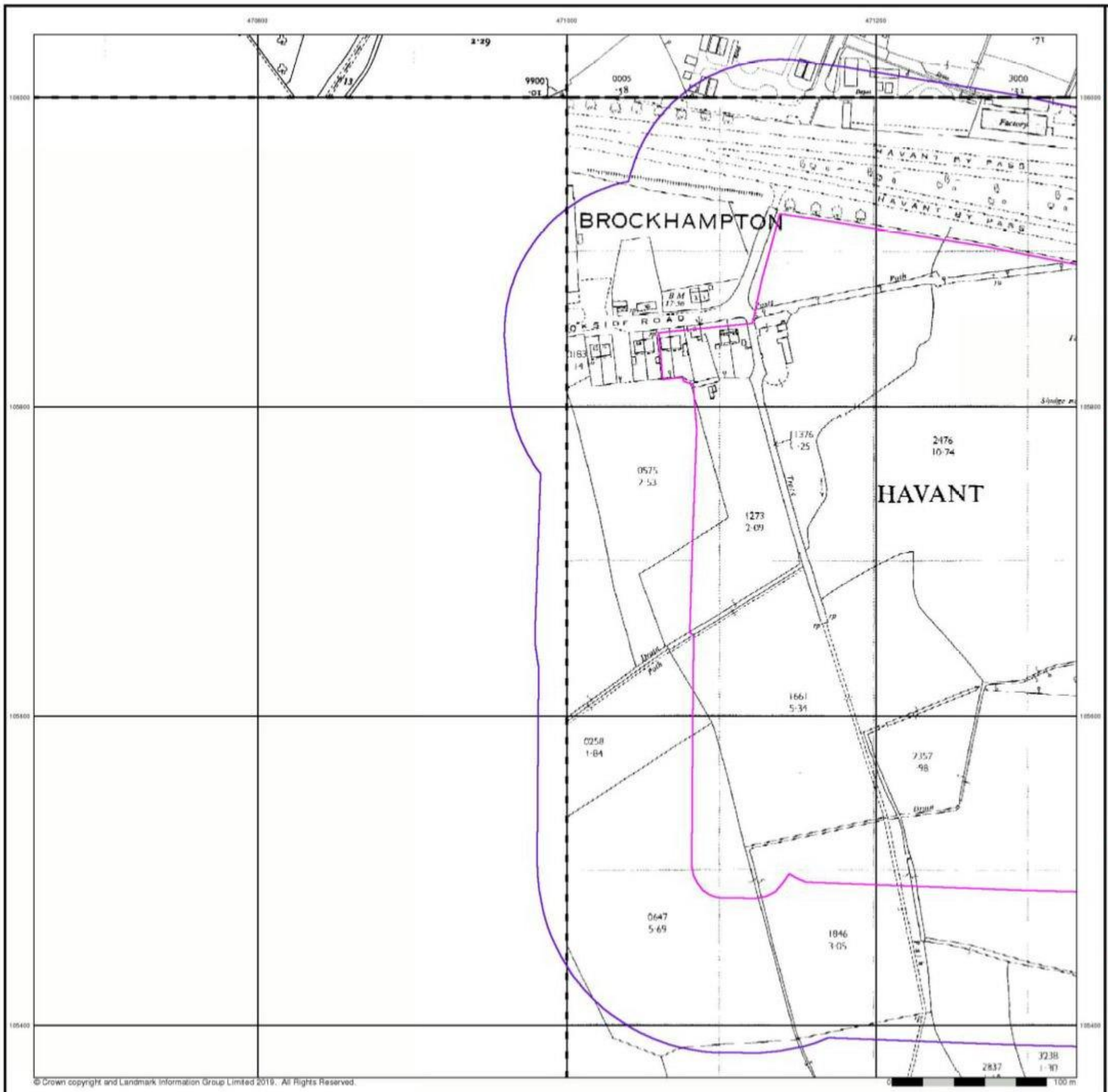
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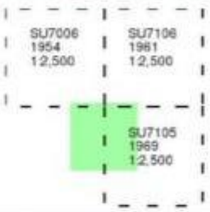
Ordnance Survey Plan

Published 1954 - 1969

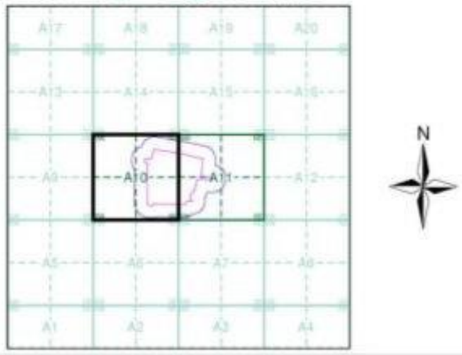
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A10



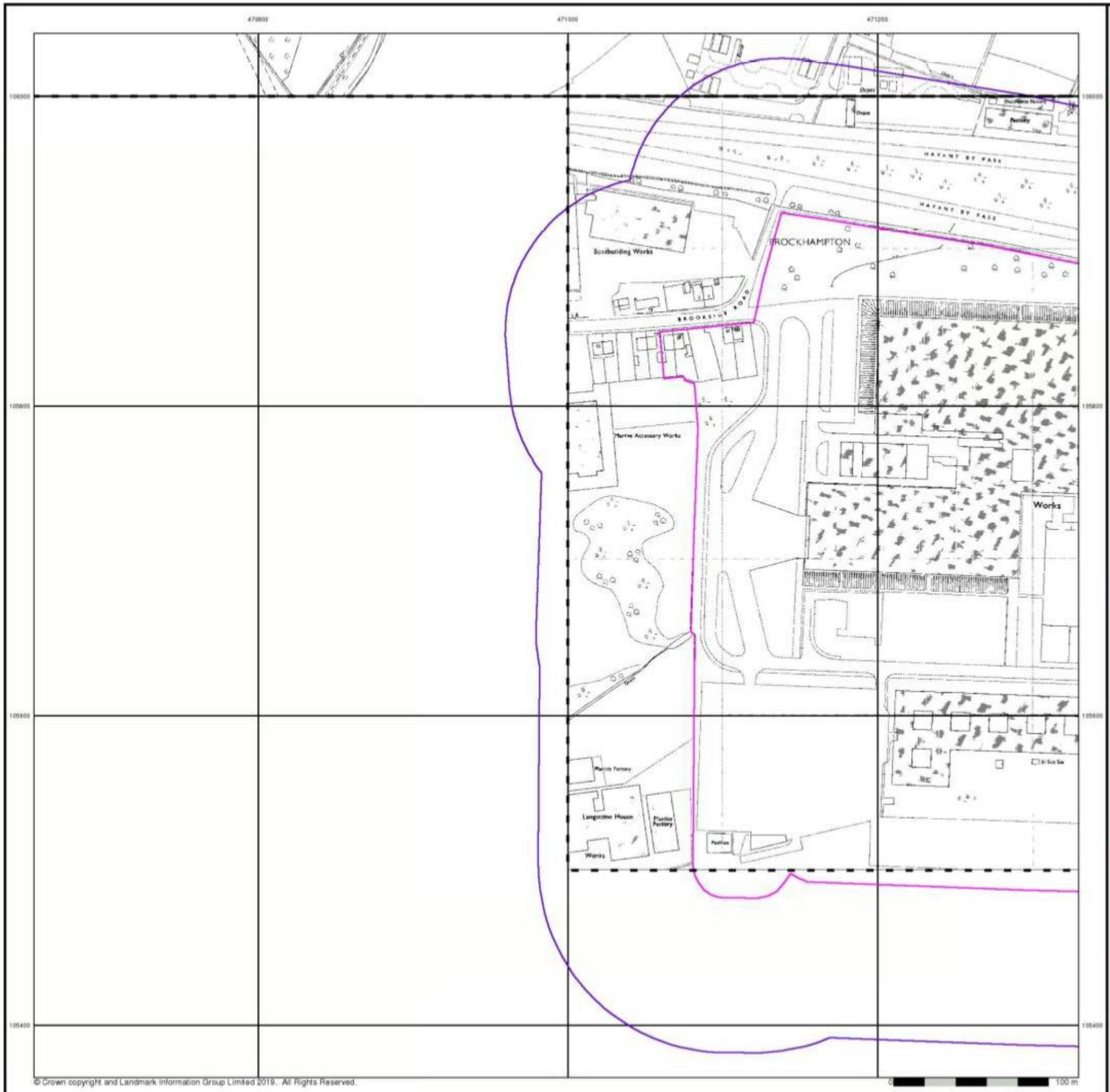
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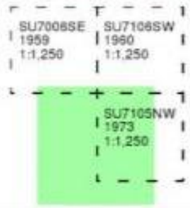
Ordnance Survey Plan

Published 1959 - 1973

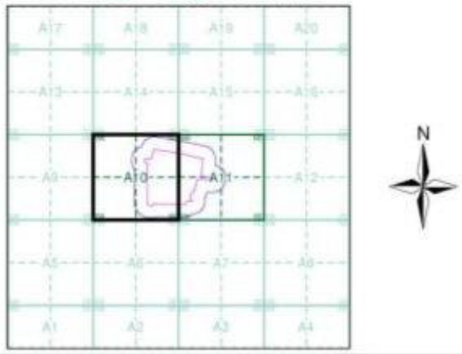
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A10



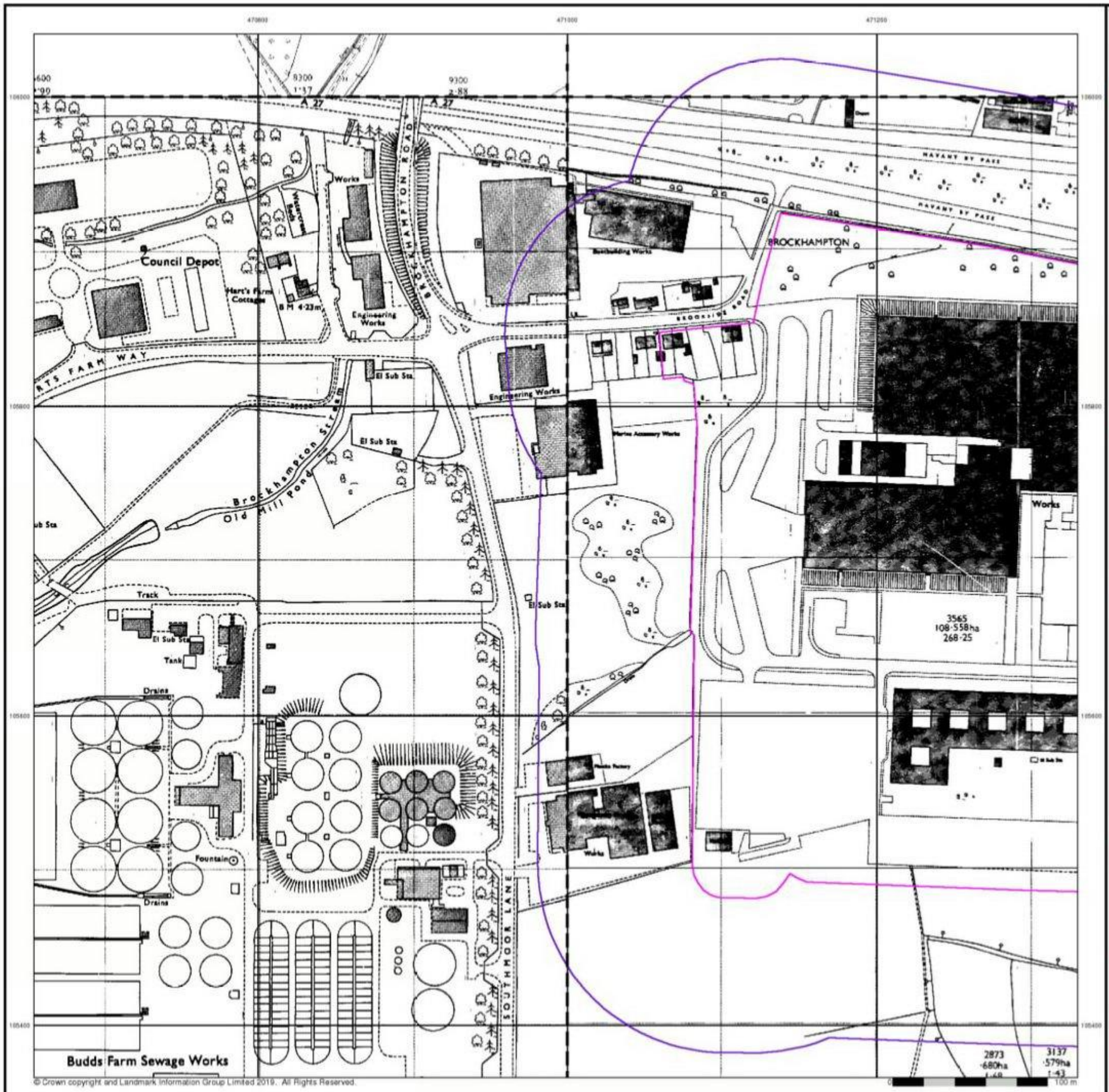
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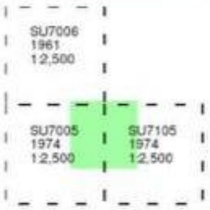
Ordnance Survey Plan

Published 1961 - 1974

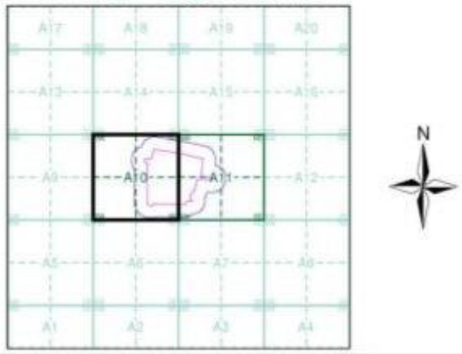
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Map Name(s) and Date(s)



Historical Map - Segment A10



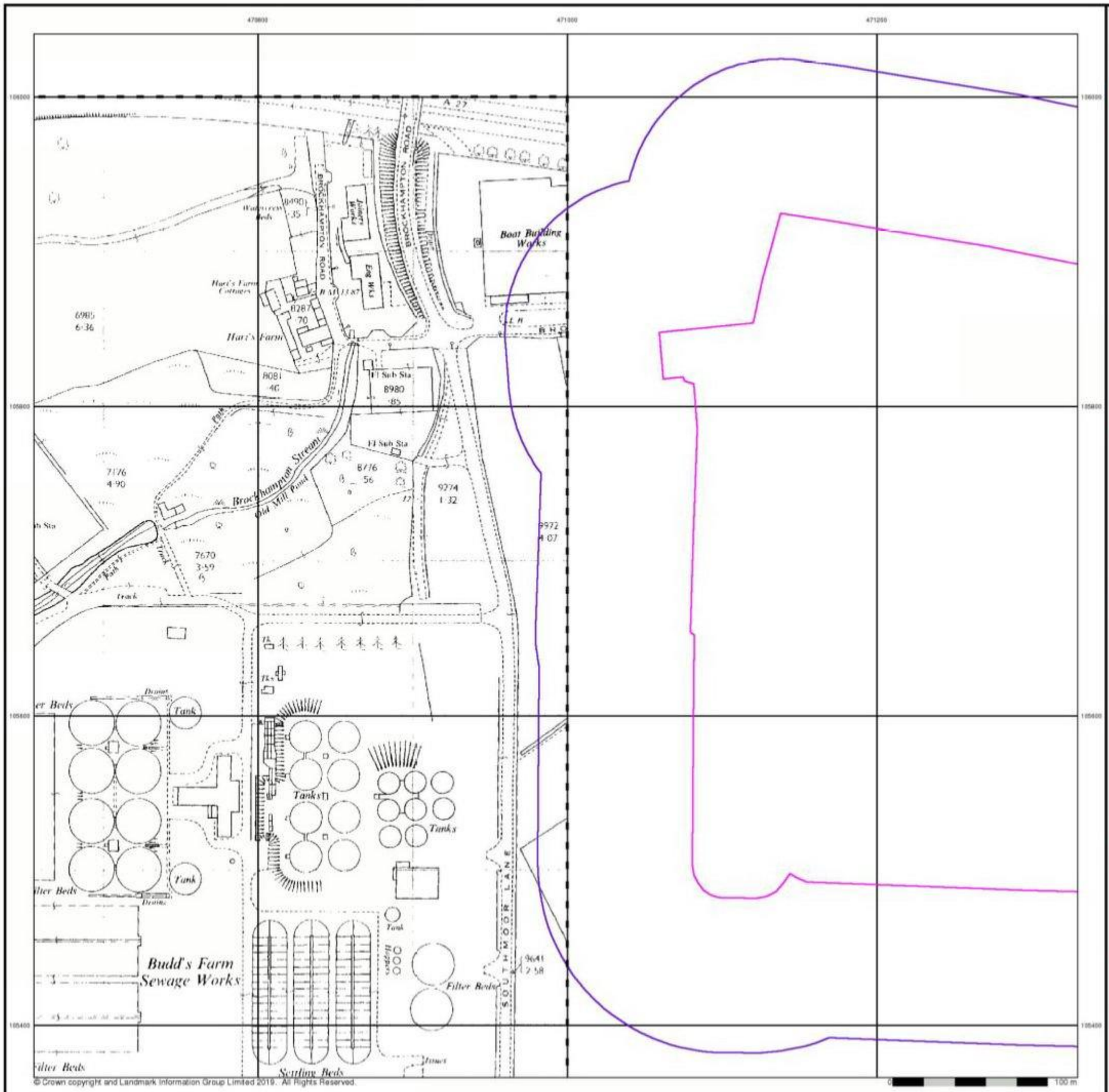
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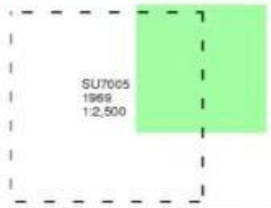
Ordnance Survey Plan

Published 1969

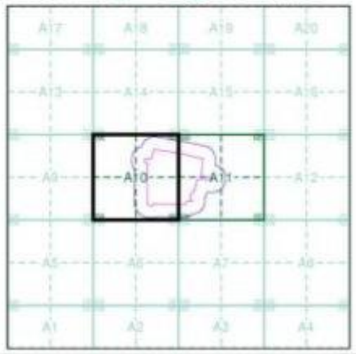
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A10



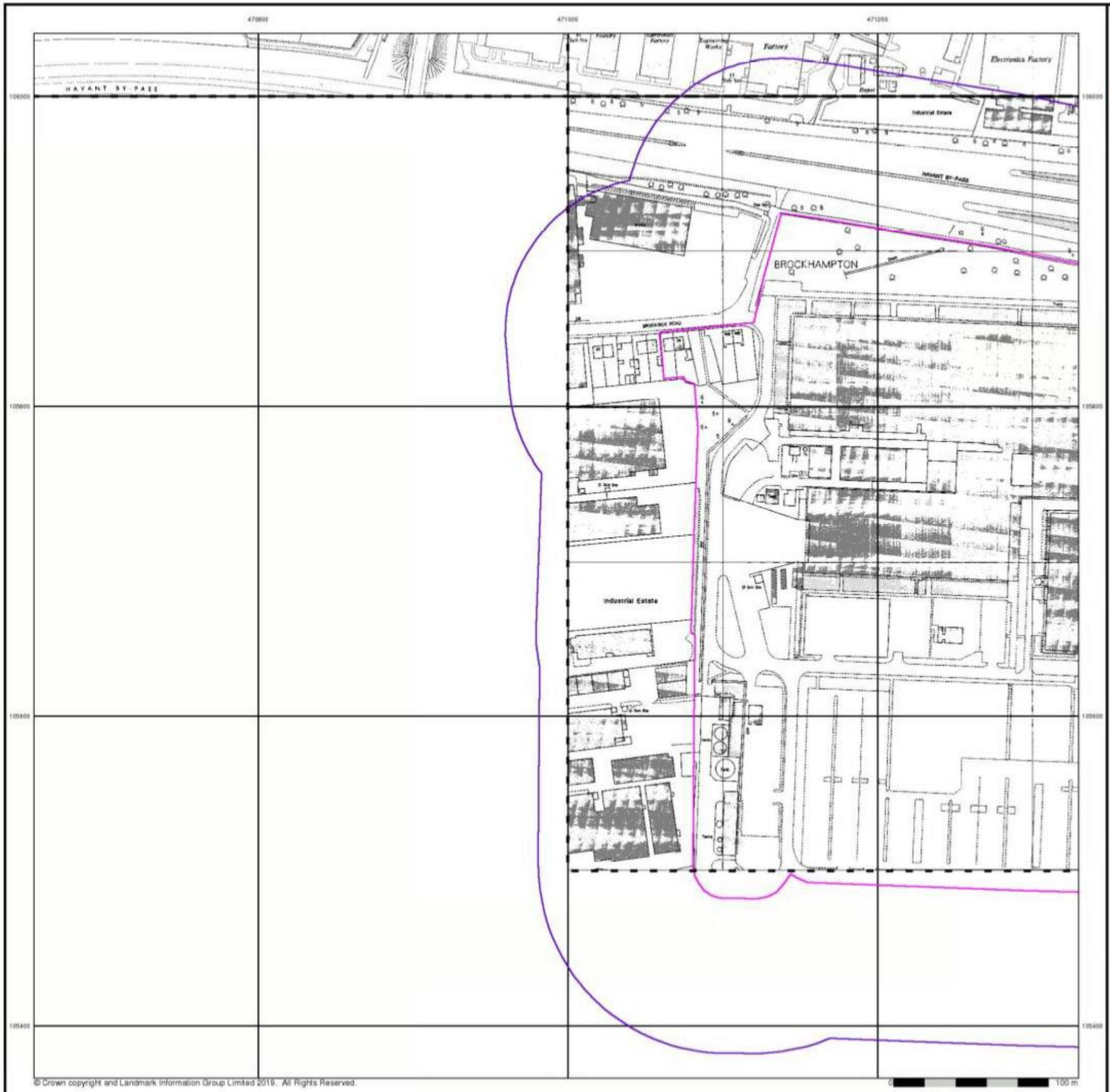
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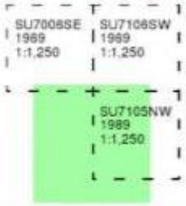
Ordnance Survey Plan

Published 1969 - 1989

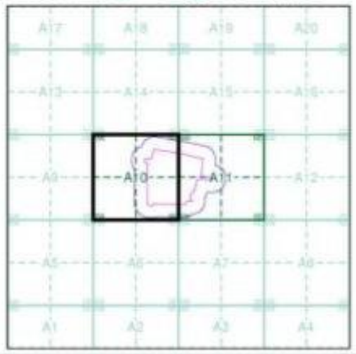
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A10



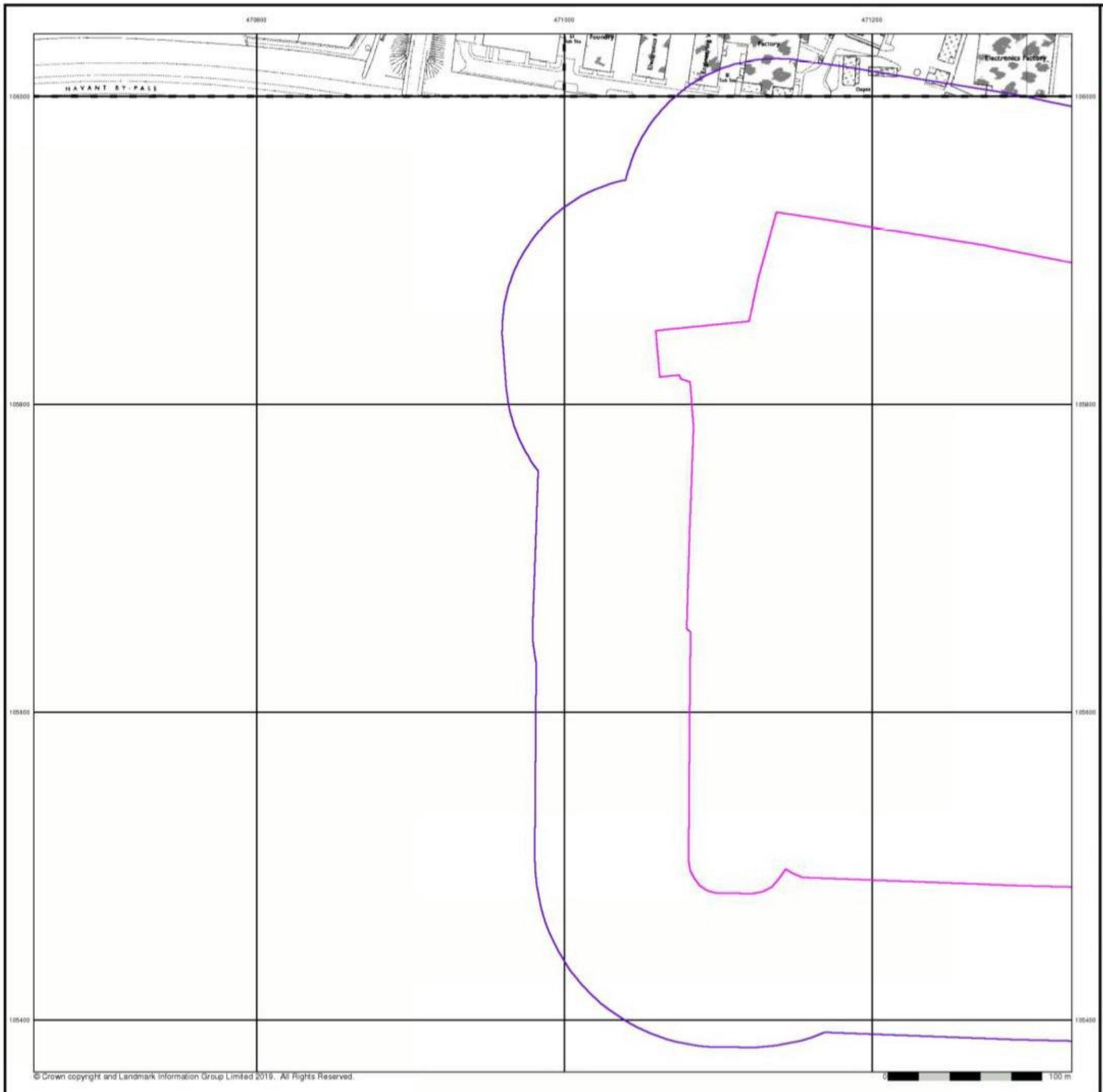
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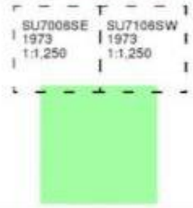
Ordnance Survey Plan

Published 1973

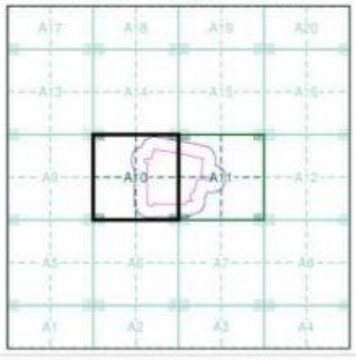
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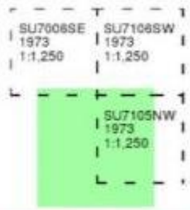
Supply of Unpublished Survey Information

Published 1973

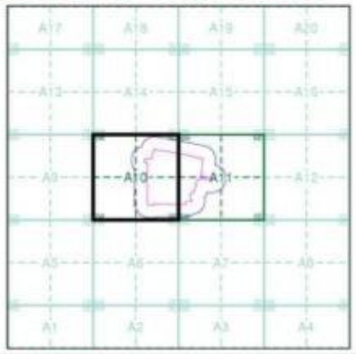
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SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were 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 A10



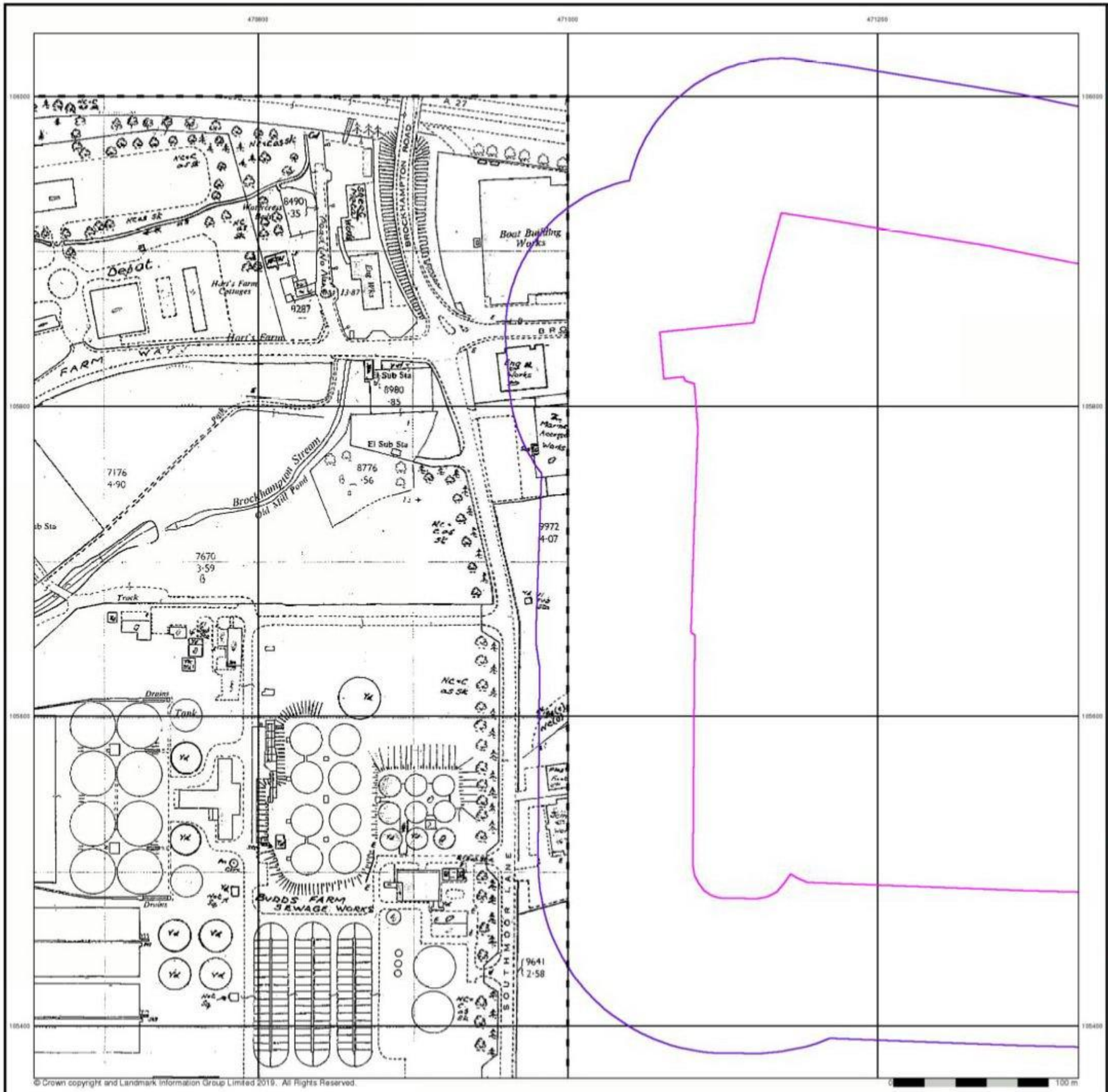
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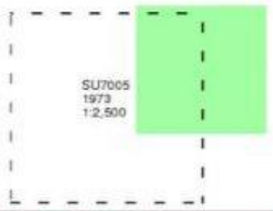
Supply of Unpublished Survey Information

Published 1973

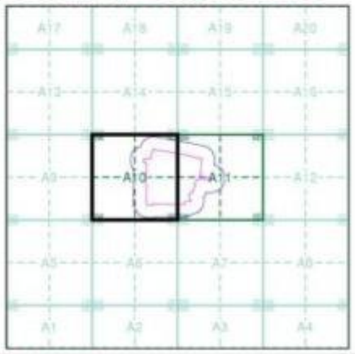
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Map Name(s) and Date(s)



Historical Map - Segment A10



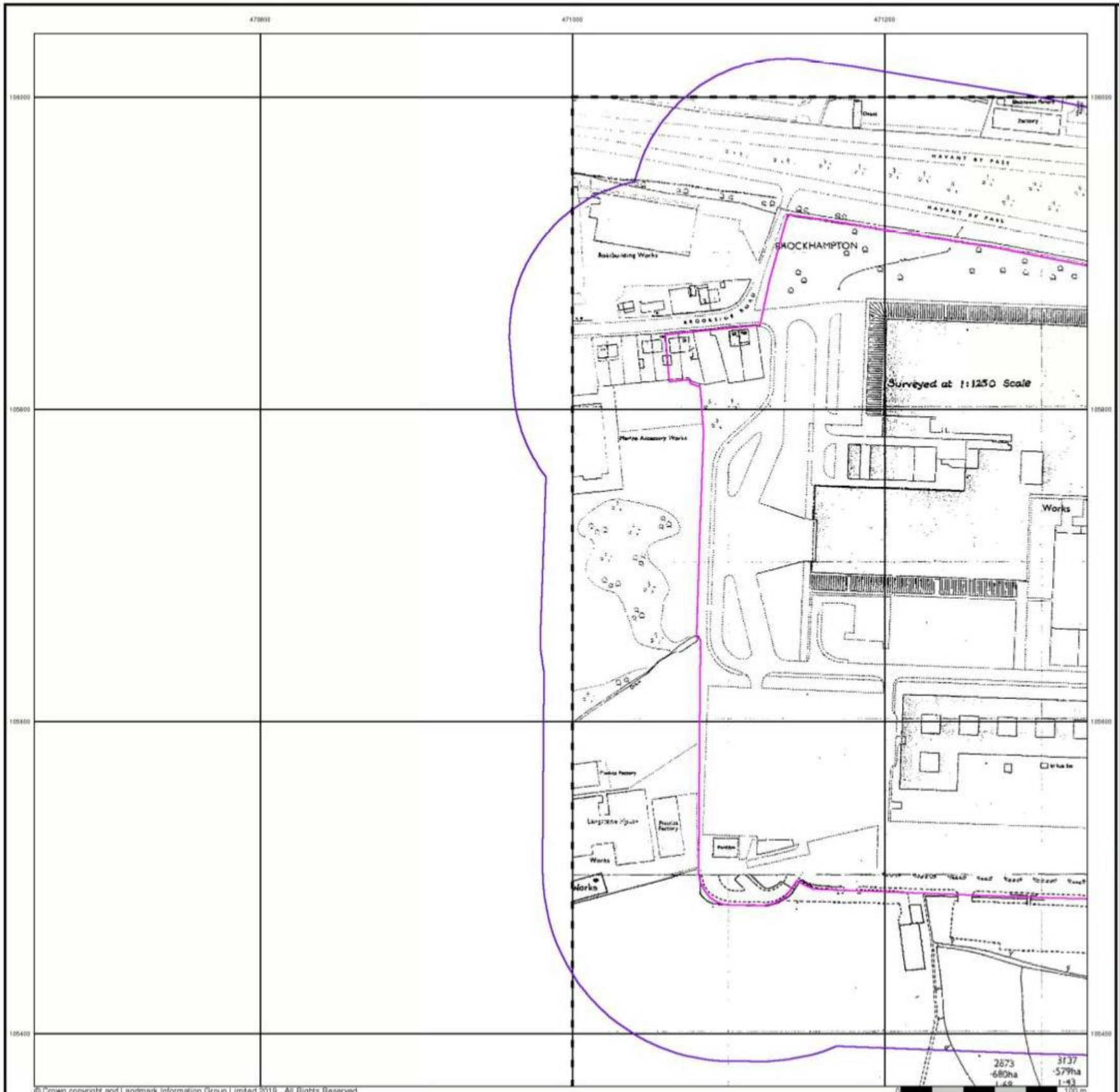
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Order Number:	203439487_1_1
Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	100

Site Details

Hydroco, Langstone Technology Park 2b, Langstone Road, HAVANT, PO9 1SA

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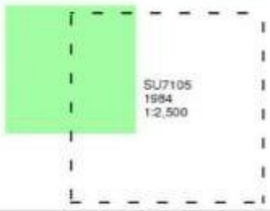
Additional SIMs

Published 1984

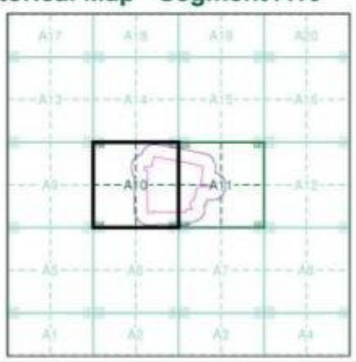
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10

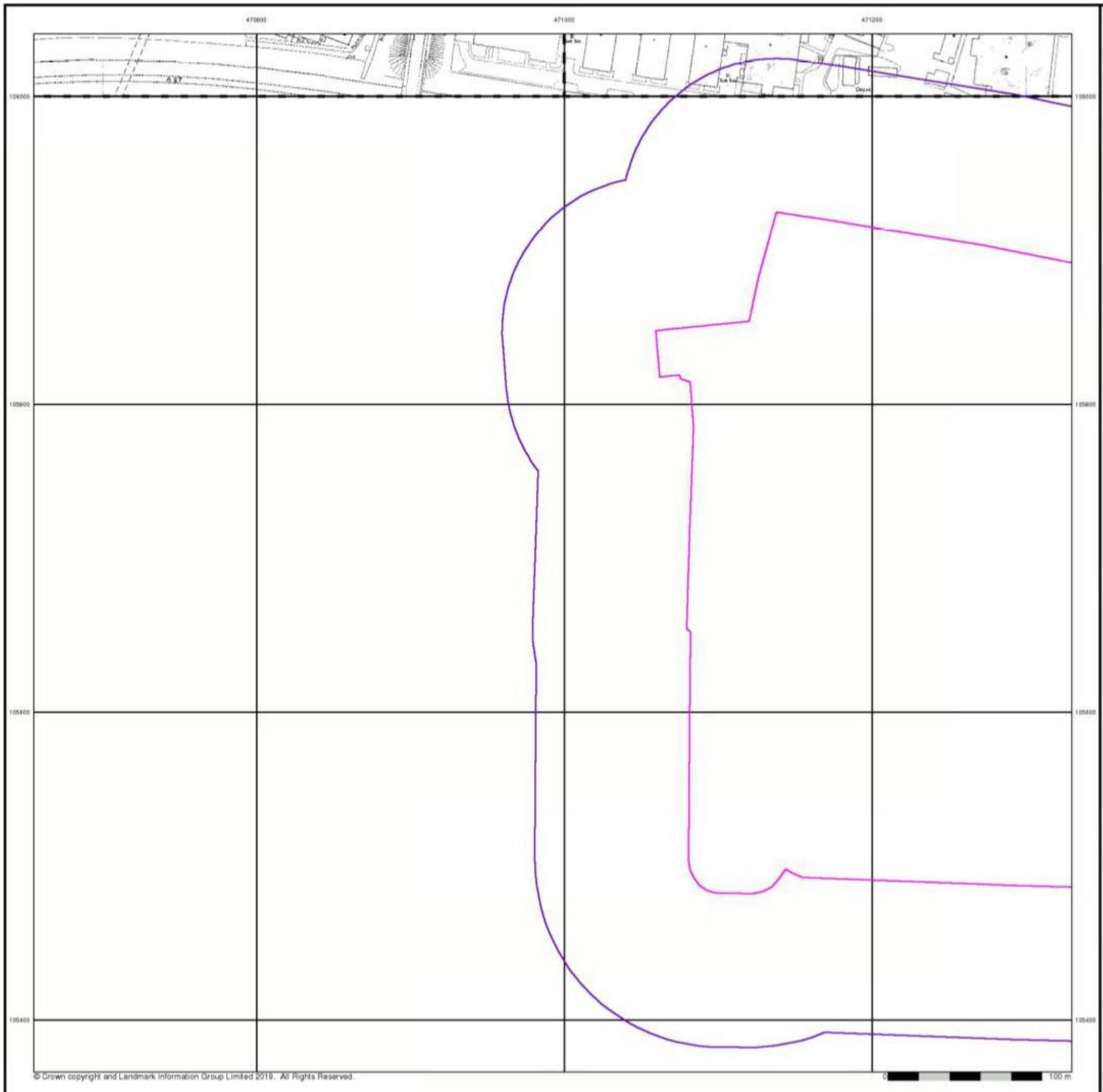


Order Details

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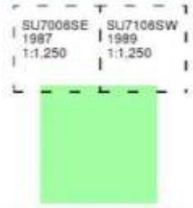
Additional SIMs

Published 1987 - 1989

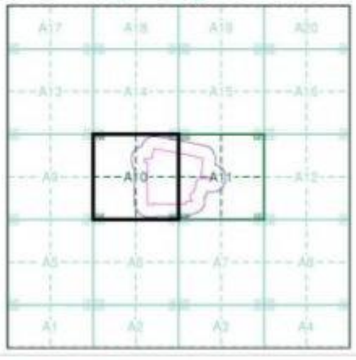
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A10



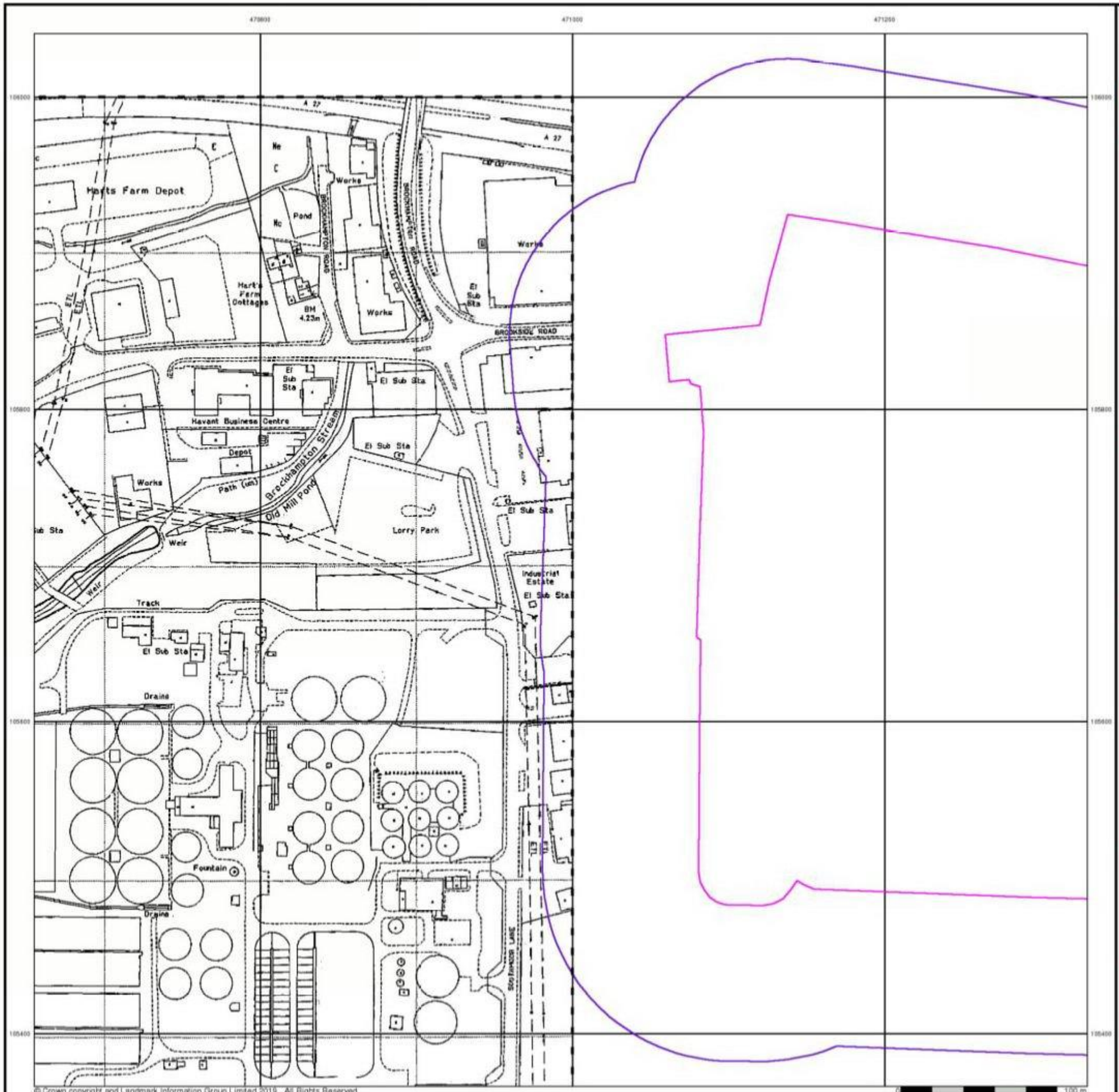
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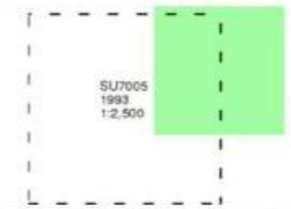
Large-Scale National Grid Data

Published 1993

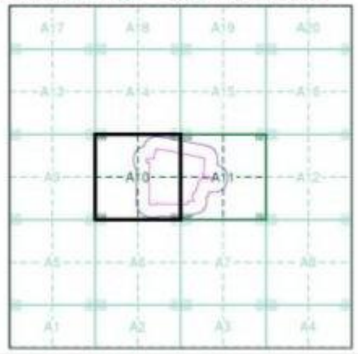
Source map scale - 1:2,500

'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 A10



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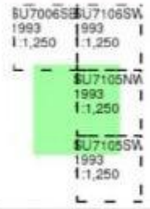
Large-Scale National Grid Data

Published 1993

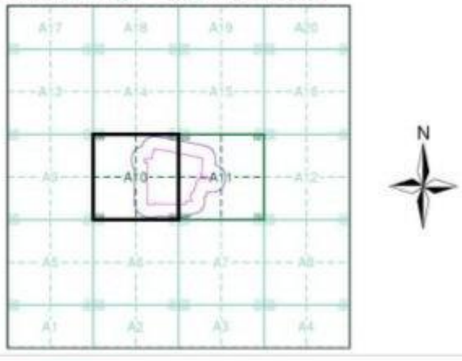
Source map scale - 1:1,250

'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)



Historical Map - Segment A10



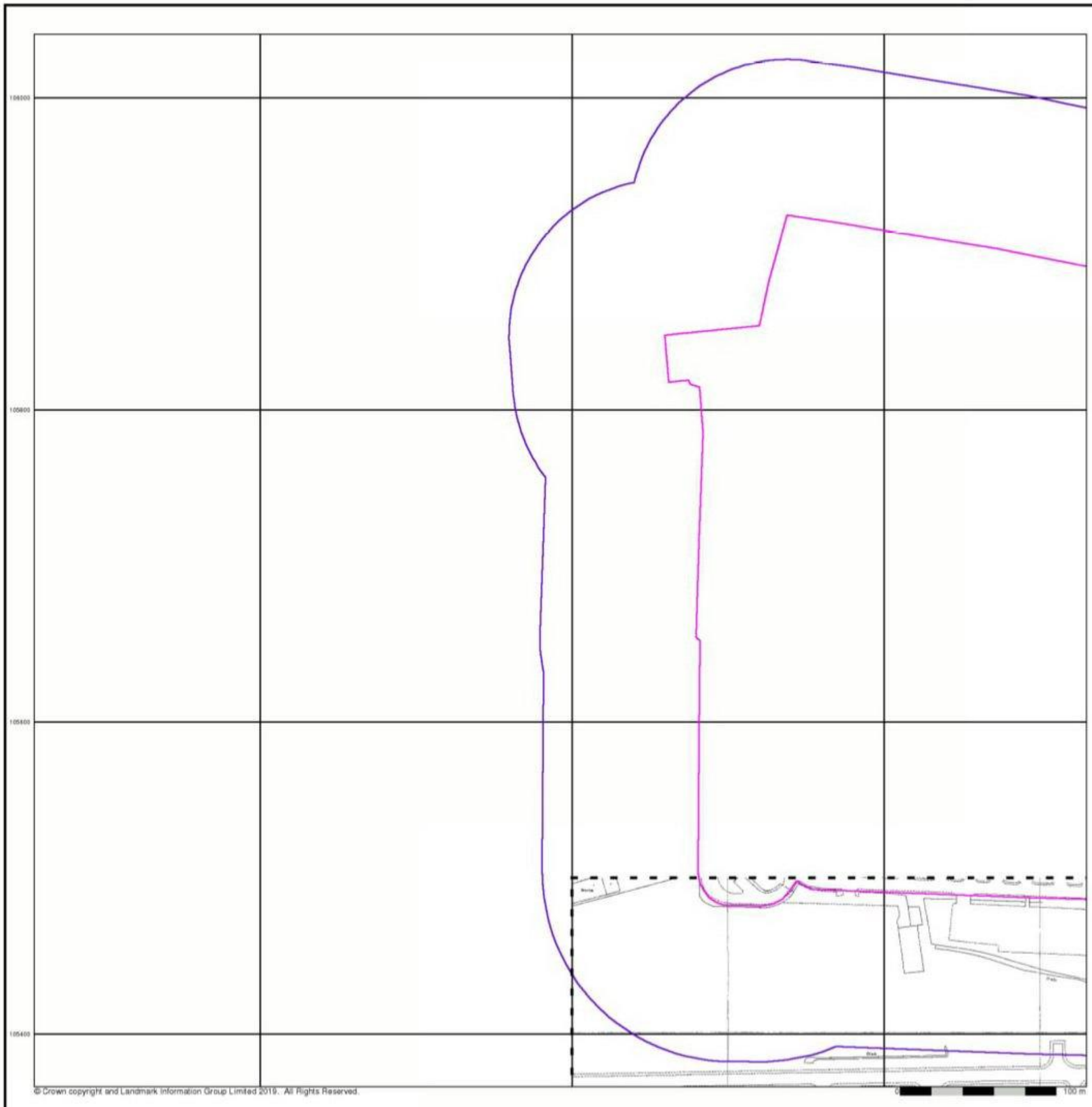
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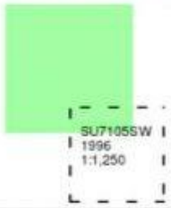
Large-Scale National Grid Data

Published 1996

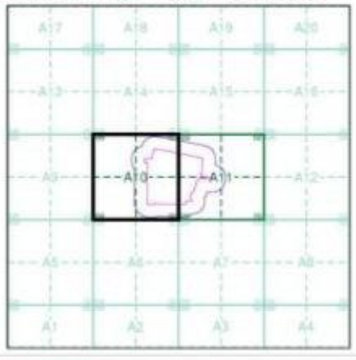
Source map scale - 1:1,250

'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)



Historical Map - Segment A10



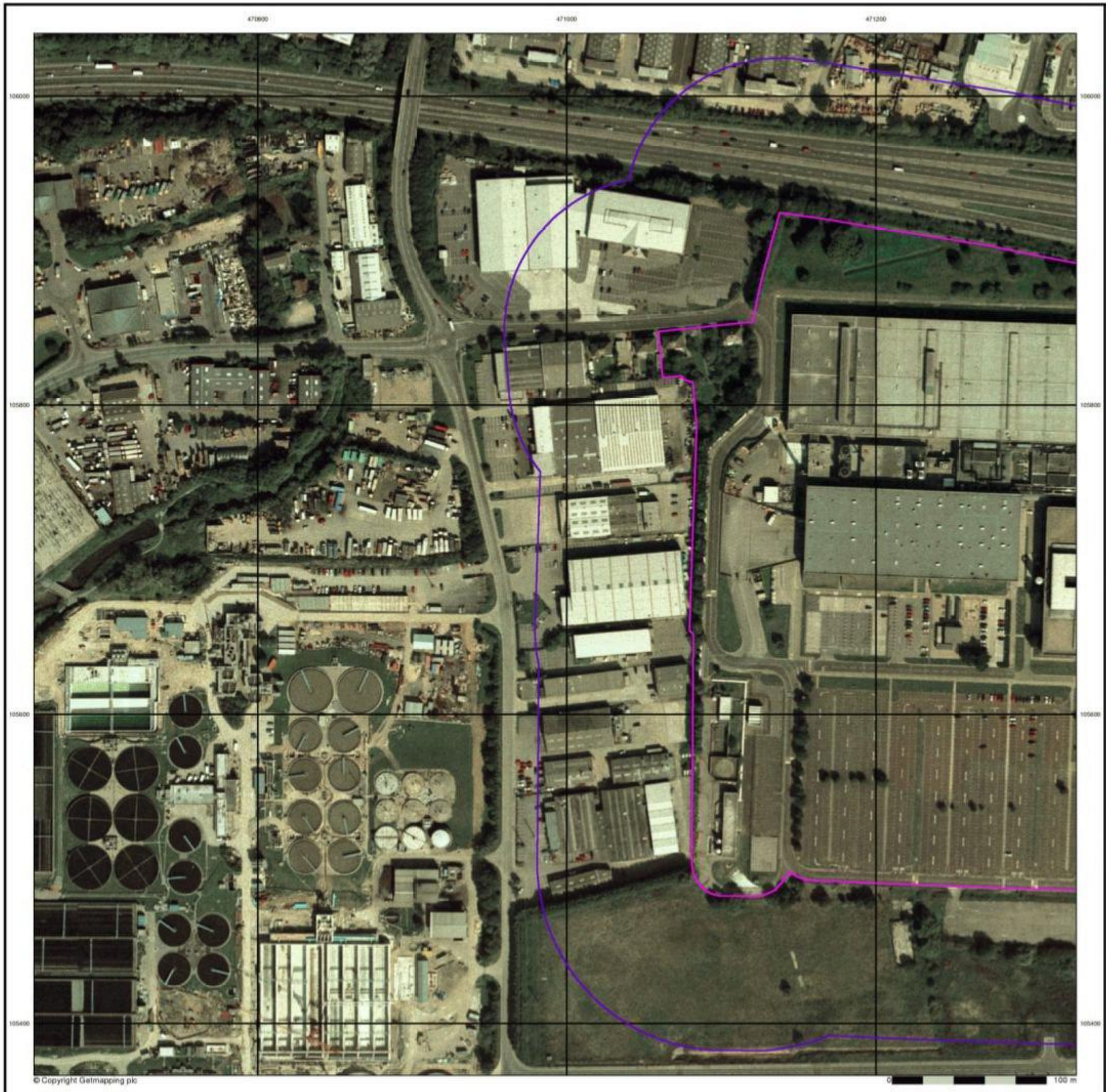
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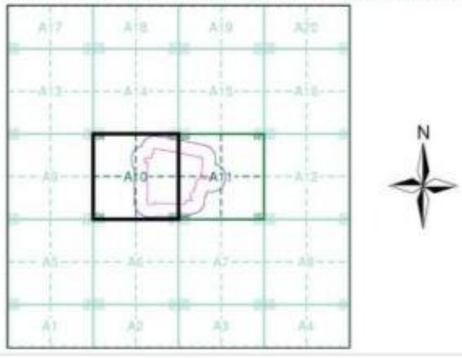
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Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A10



Order Details

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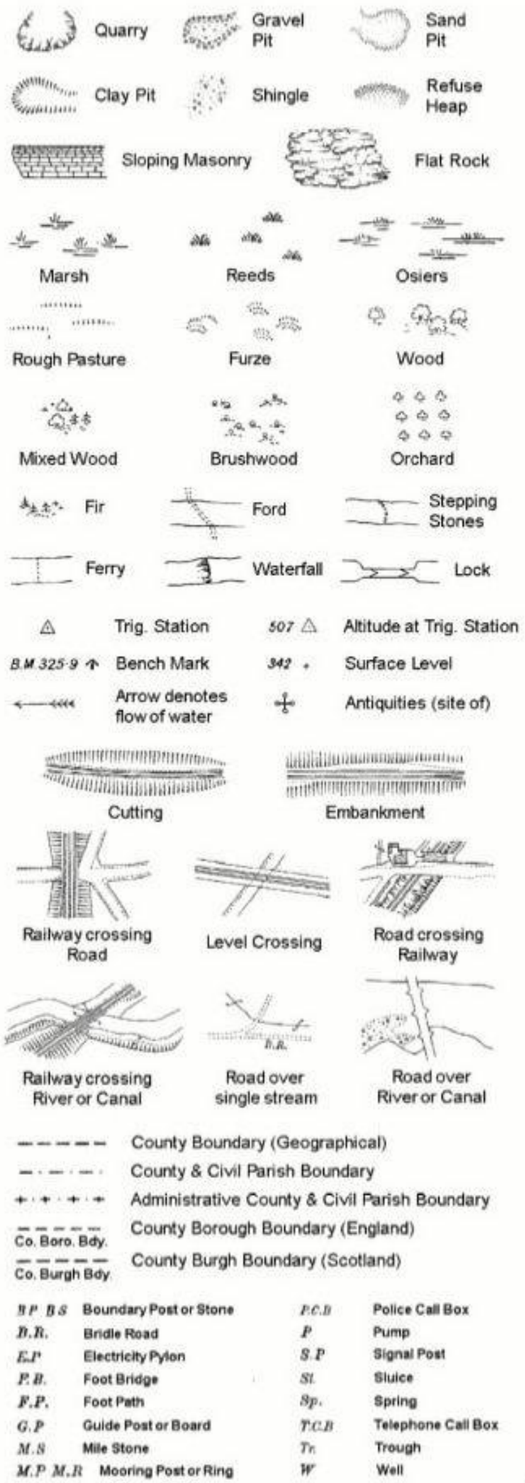
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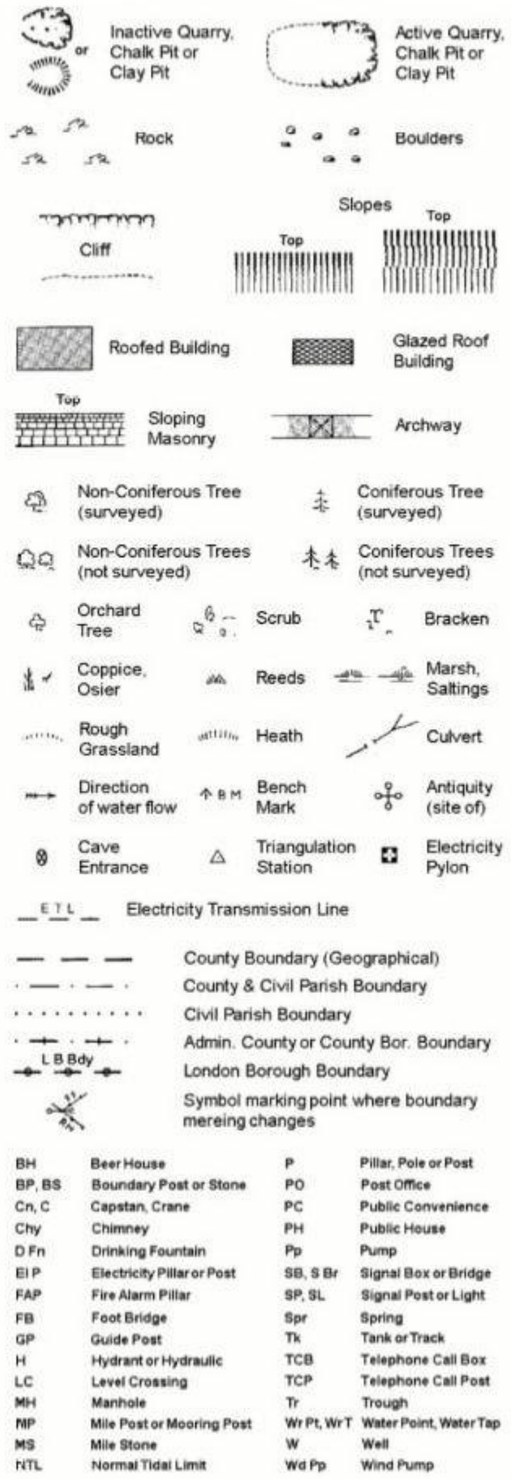
Historical Mapping Legends

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



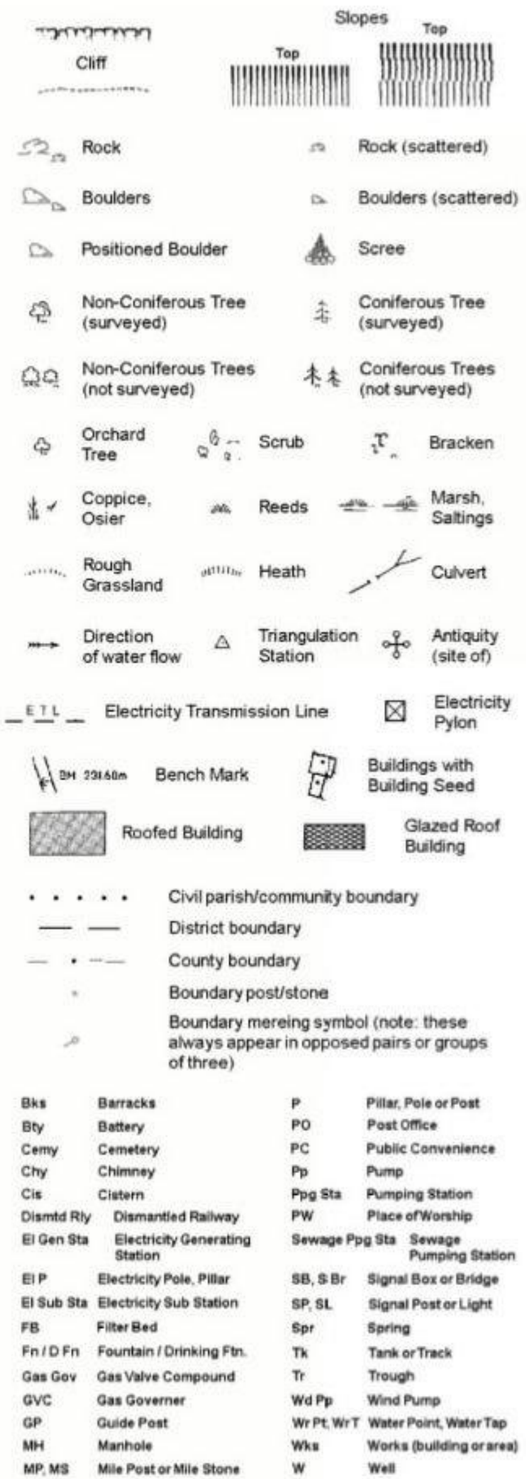
B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



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	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
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 Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

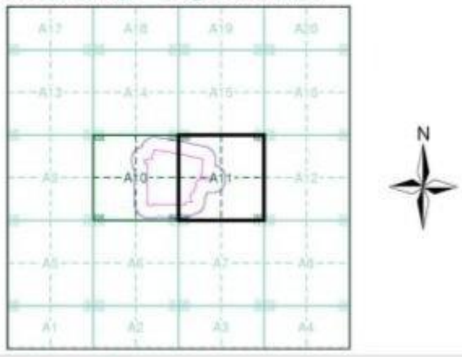
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1866	2
Hampshire & Isle Of Wight	1:2,500	1867	3
Hampshire & Isle Of Wight	1:2,500	1868	4
Hampshire & Isle Of Wight	1:2,500	1897	5
Hampshire & Isle Of Wight	1:2,500	1909	6
Hampshire & Isle Of Wight	1:2,500	1932	7
Ordnance Survey Plan	1:2,500	1953	8
Additional SIMs	1:2,500	1953	9
Ordnance Survey Plan	1:1,250	1959 - 1973	10
Ordnance Survey Plan	1:2,500	1961 - 1974	11
Ordnance Survey Plan	1:1,250	1965 - 1989	12
Ordnance Survey Plan	1:1,250	1973	13
Supply of Unpublished Survey Information	1:1,250	1973	14
Ordnance Survey Plan	1:2,500	1974	15
Additional SIMs	1:1,250	1981 - 1989	16
Additional SIMs	1:2,500	1984	17
Additional SIMs	1:1,250	1988	18
Large-Scale National Grid Data	1:1,250	1993	19
Large-Scale National Grid Data	1:1,250	1996	20
Historical Aerial Photography	1:2,500	1999	21

Historical Map - Segment A11



Order Details

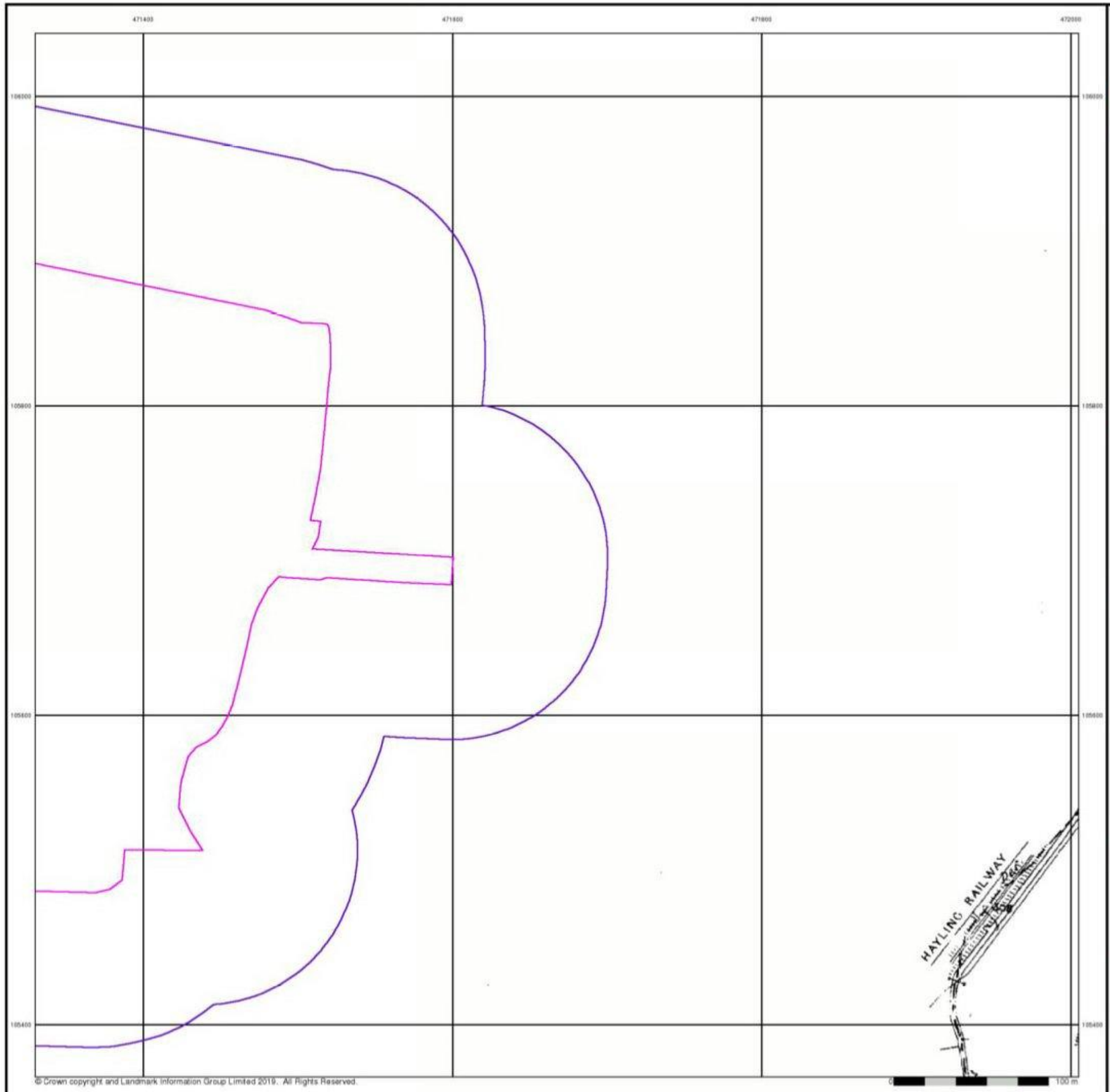
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Site Details

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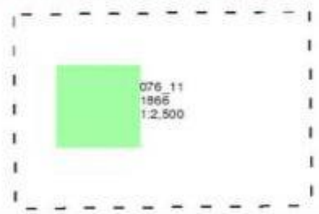
Hampshire & Isle Of Wight

Published 1866

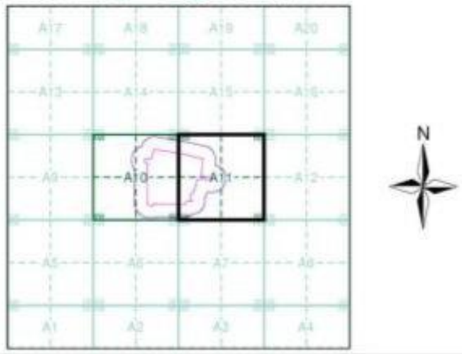
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11

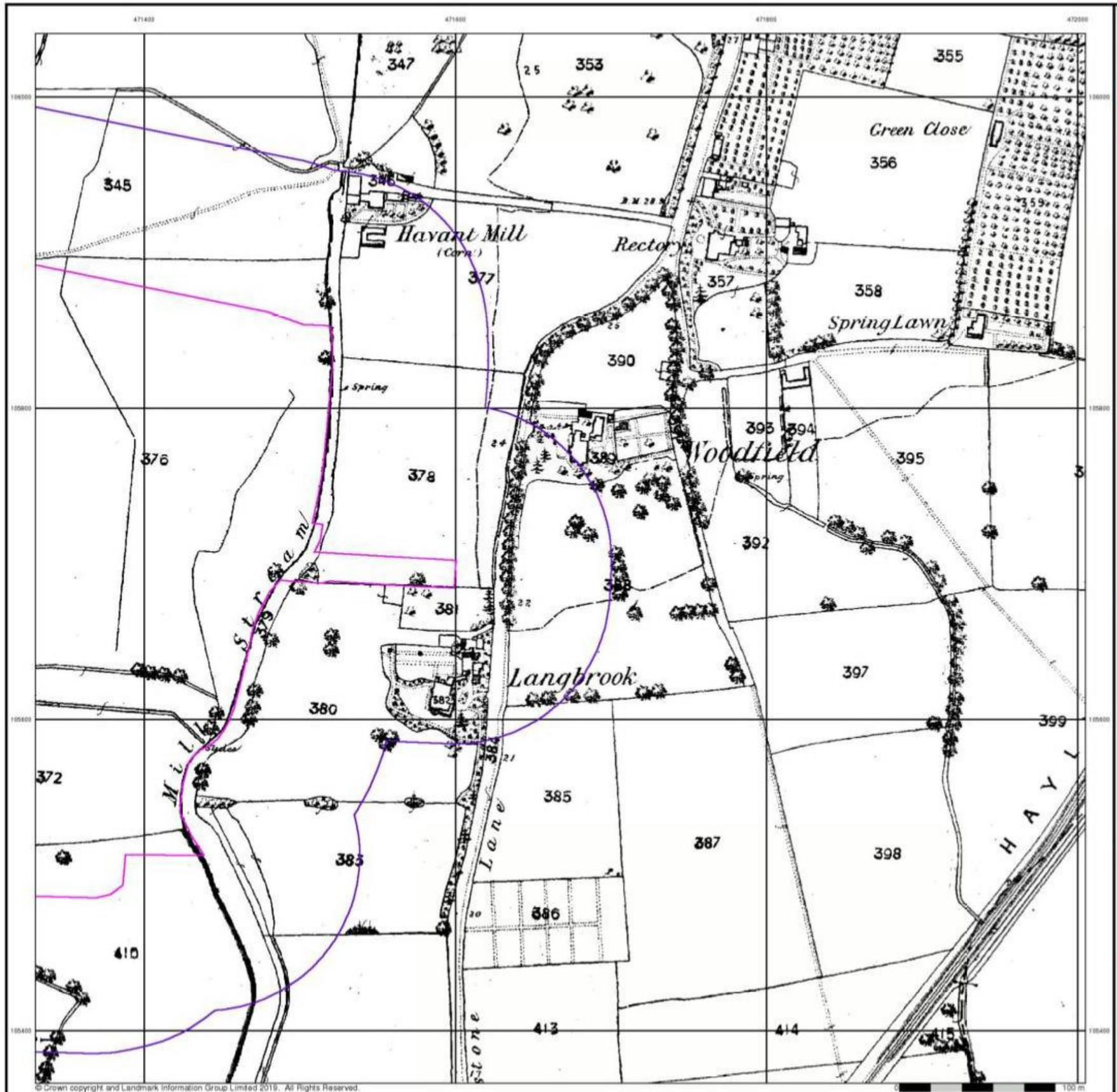


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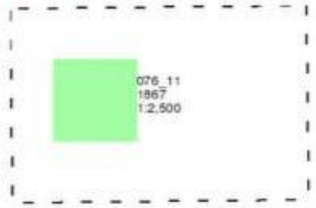
Hampshire & Isle Of Wight

Published 1867

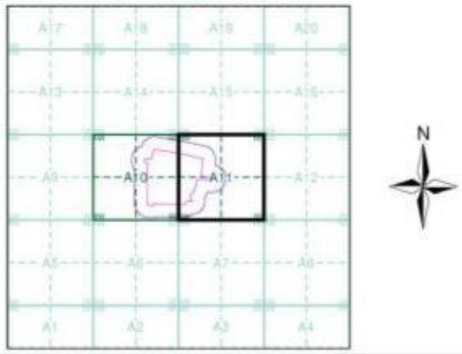
Source map scale - 1:2,500

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Historical Map - Segment A11



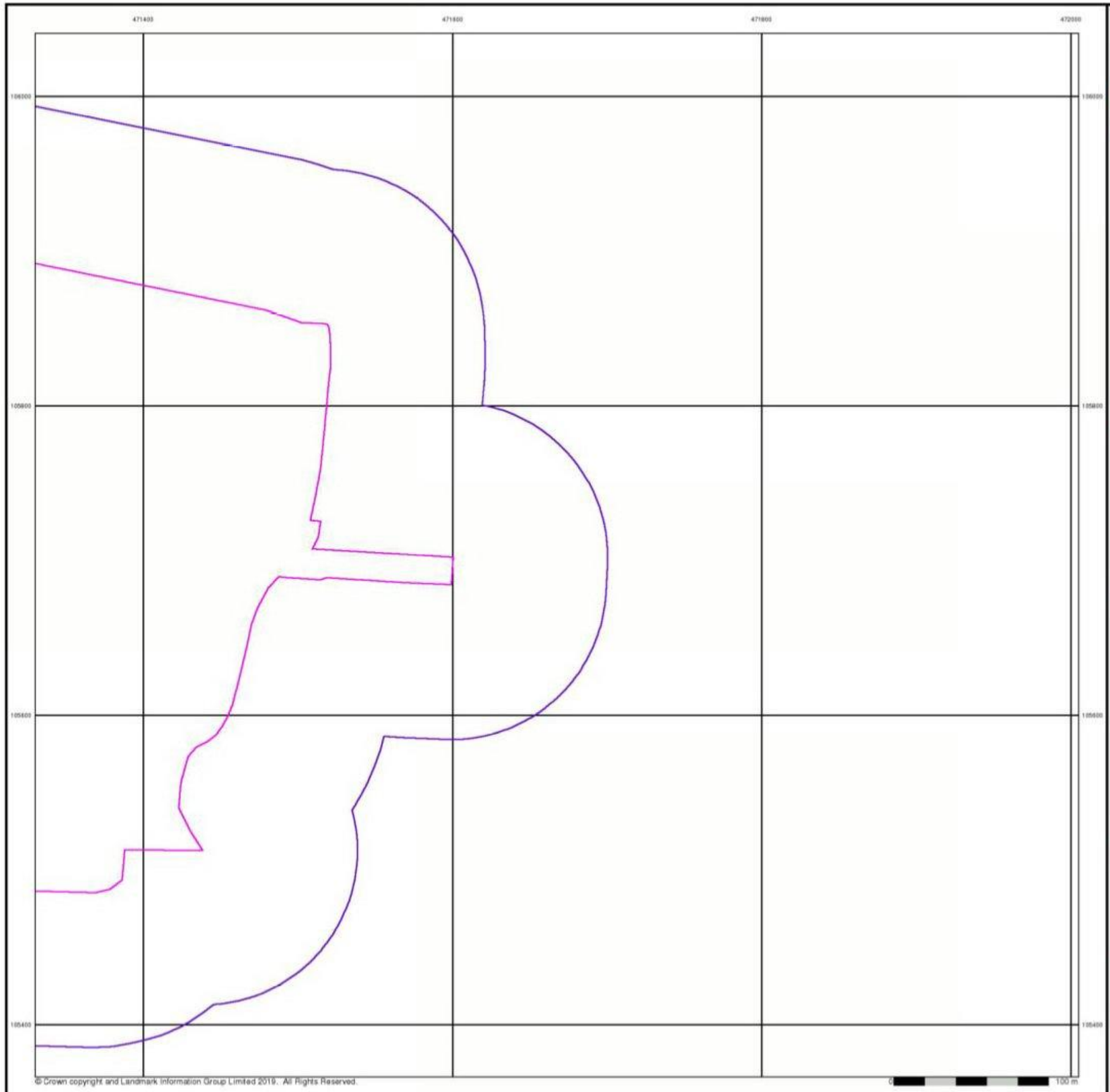
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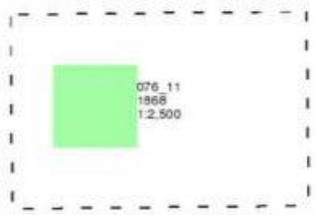
Hampshire & Isle Of Wight

Published 1868

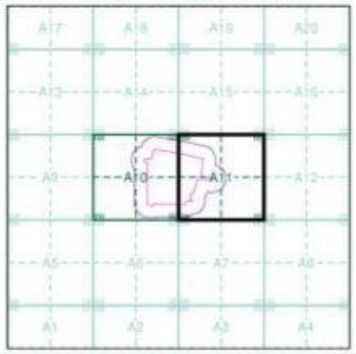
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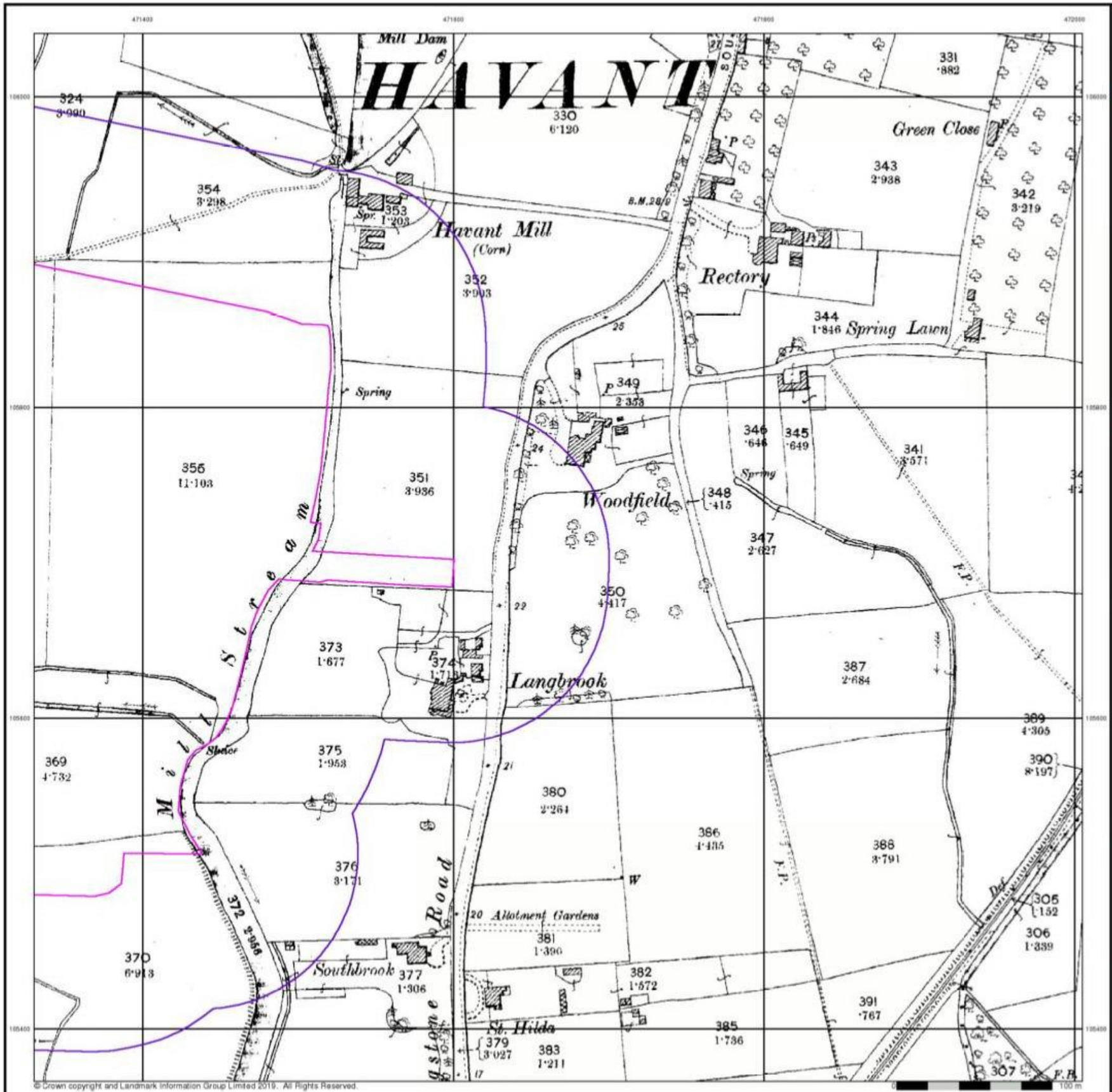
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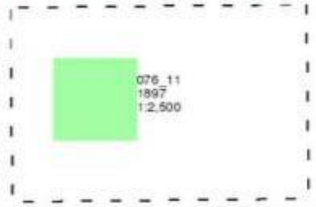
Hampshire & Isle Of Wight

Published 1897

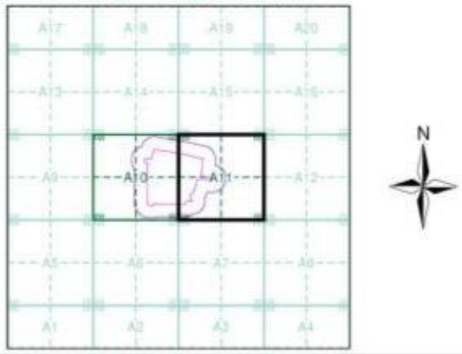
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



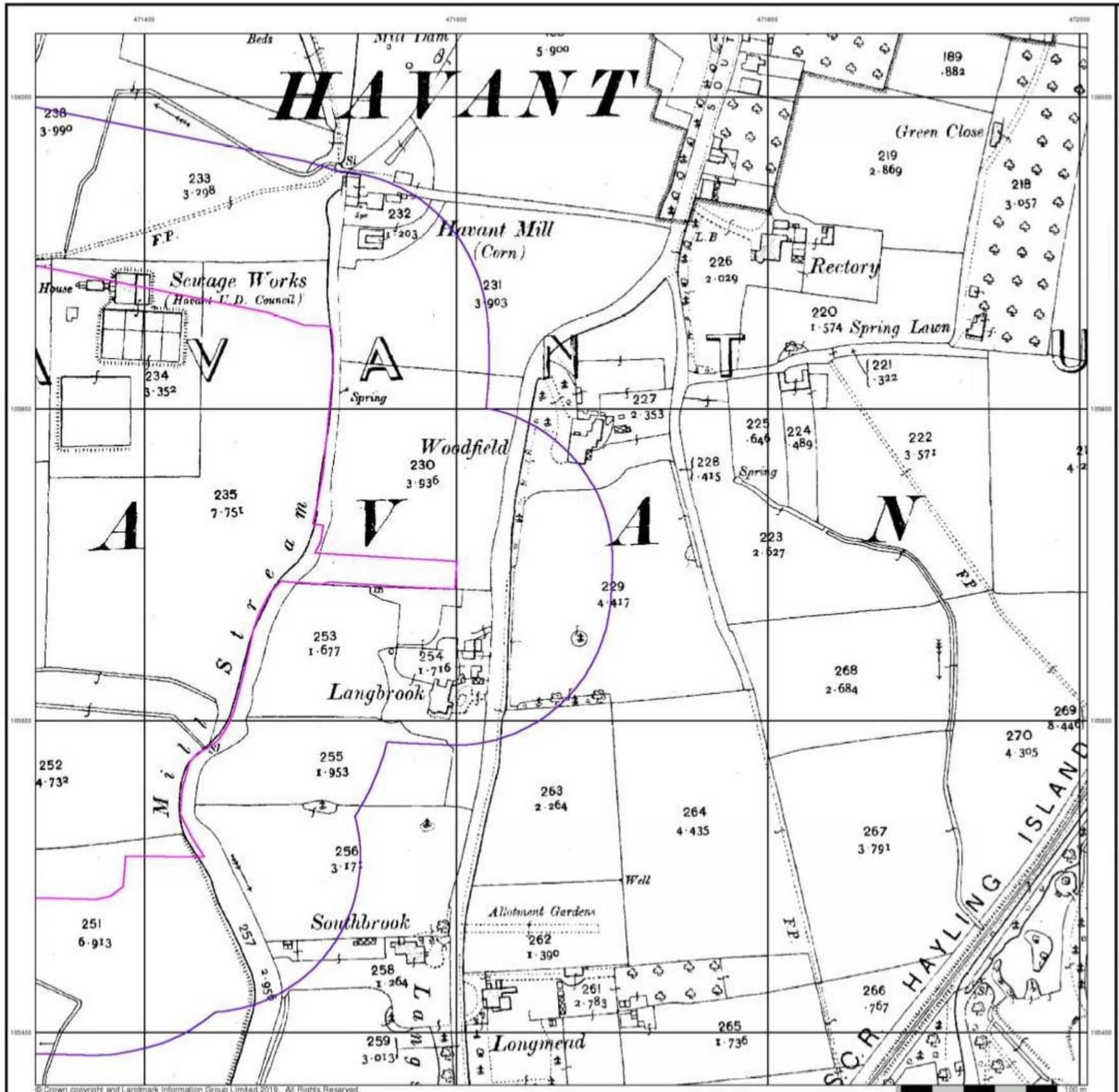
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Order Number:	203439487_1_1
Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	100

Site Details

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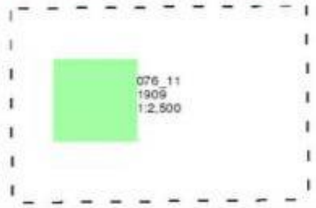
Hampshire & Isle Of Wight

Published 1909

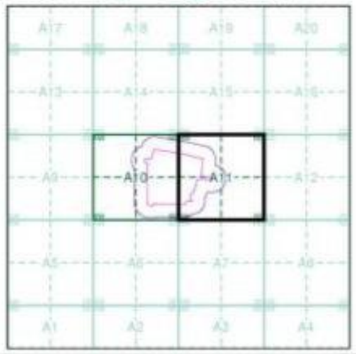
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Map Name(s) and Date(s)



Historical Map - Segment A11



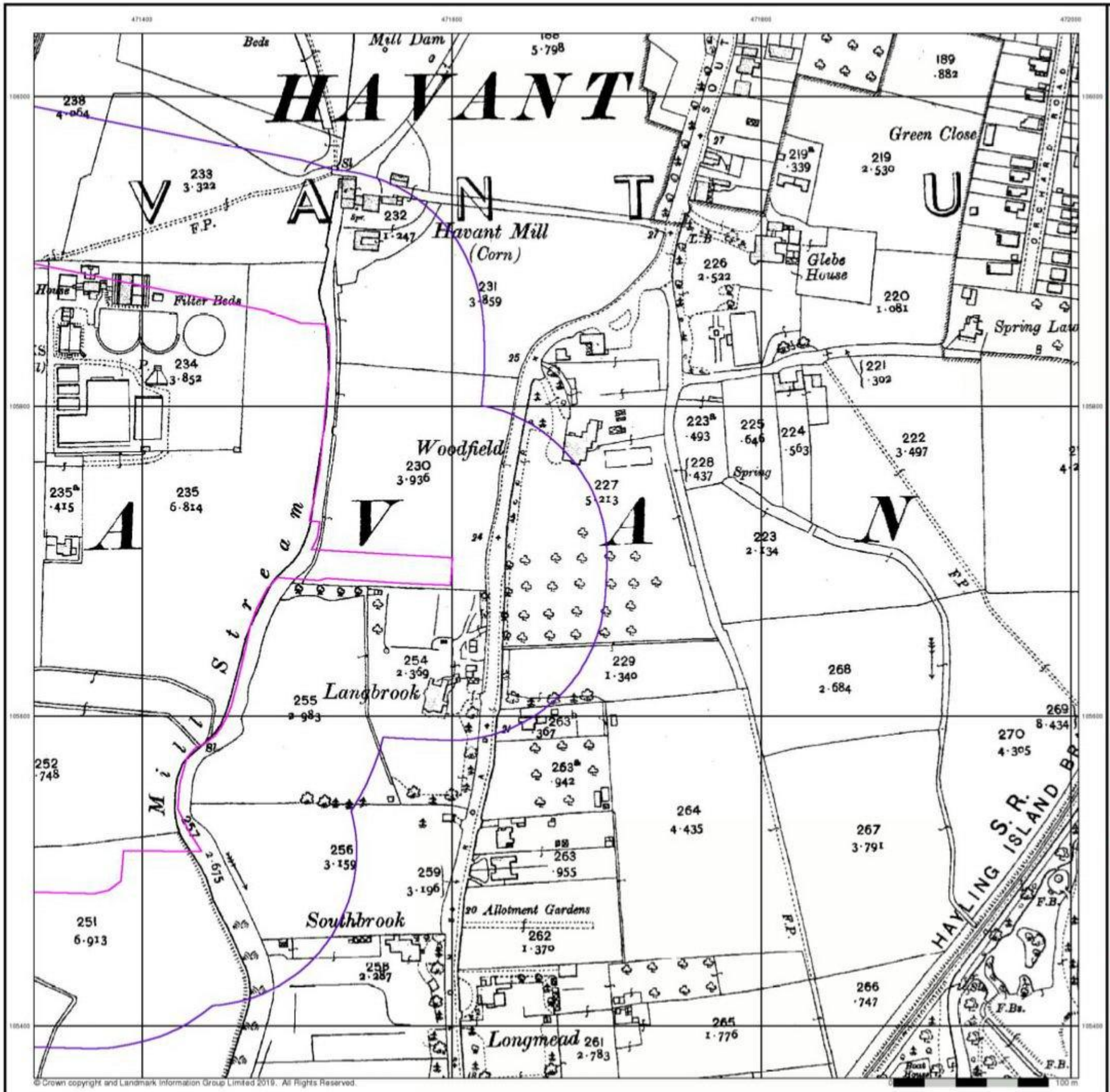
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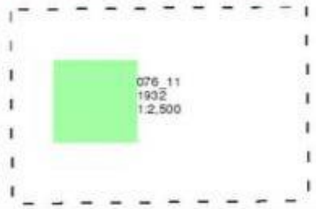
Hampshire & Isle Of Wight

Published 1932

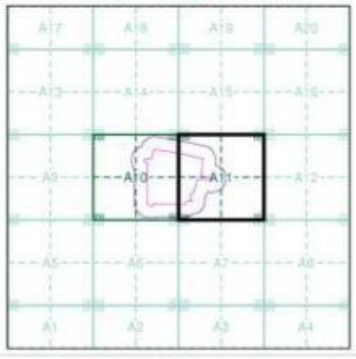
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A11



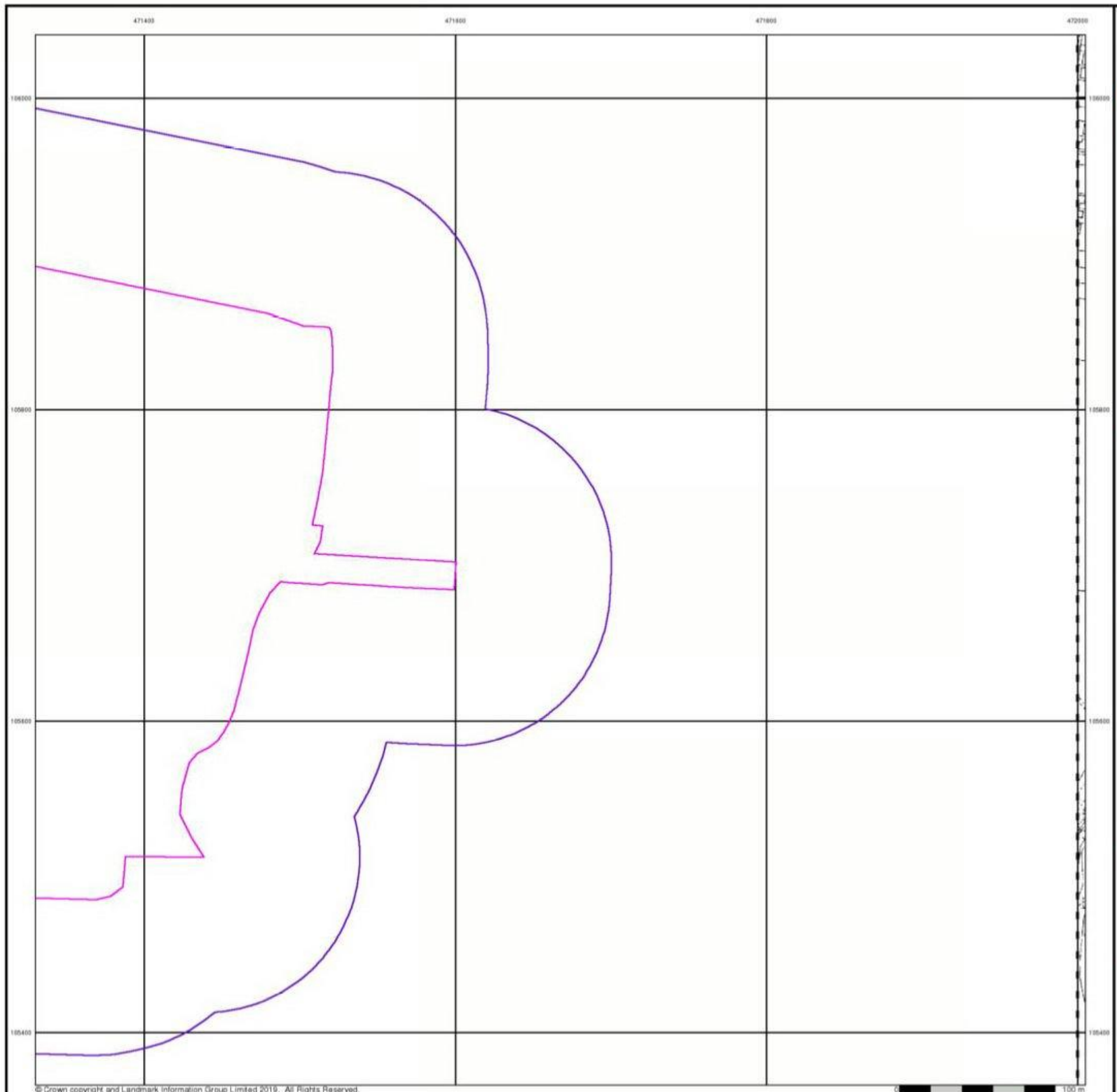
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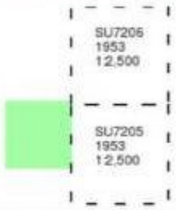
Ordnance Survey Plan

Published 1953

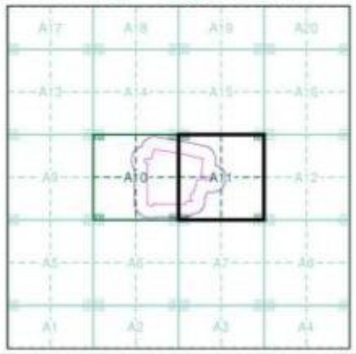
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A11



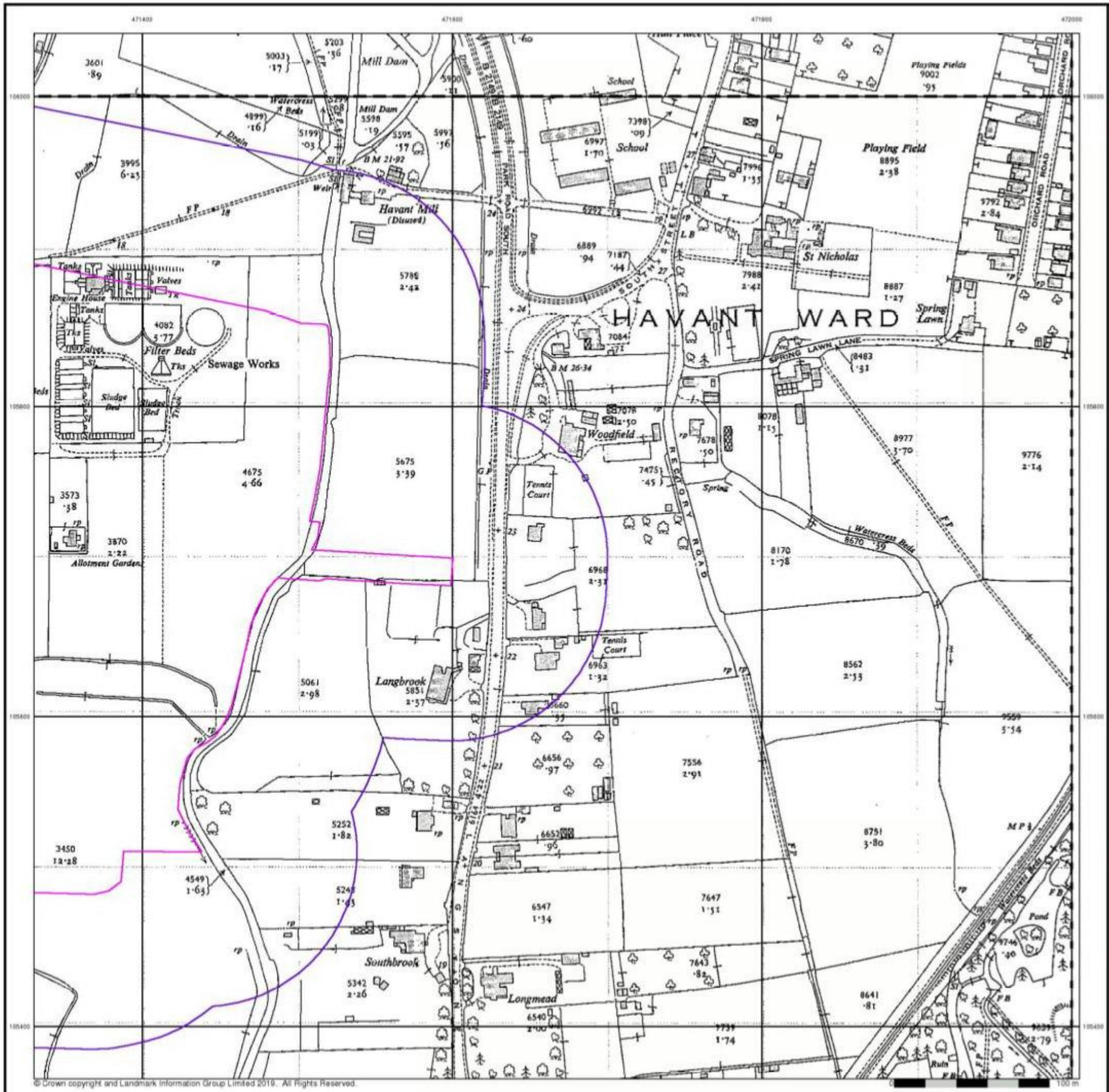
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Additional SIMs

Published 1953

Source map scale - 1:2,500

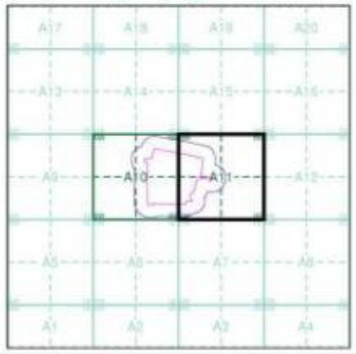
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Map Name(s) and Date(s)

SU7106
1953
1:2,500

SU7105
1953
1:2,500

Historical Map - Segment A11

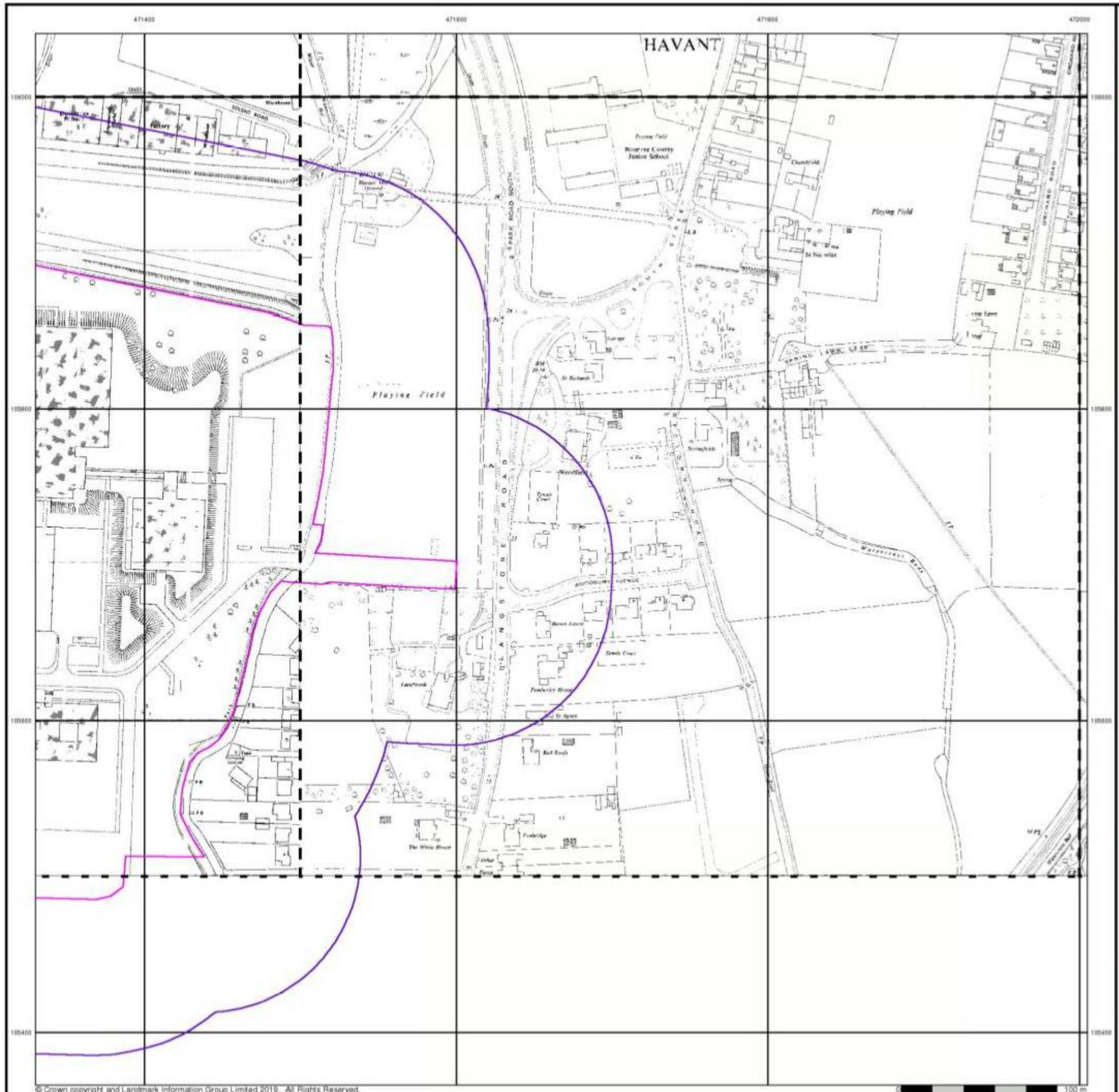


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Ordnance Survey Plan

Published 1959 - 1973

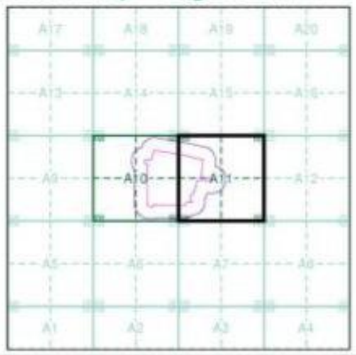
Source map scale - 1:1,250

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)

SU7106SW 1960 1:1,250	SU7106SE 1960 1:1,250	SU7206SW 1962 1:1,250
SU7105NW 1973 1:1,250	SU7105NE 1959 1:1,250	SU7205NW 1961 1:1,250

Historical Map - Segment A11

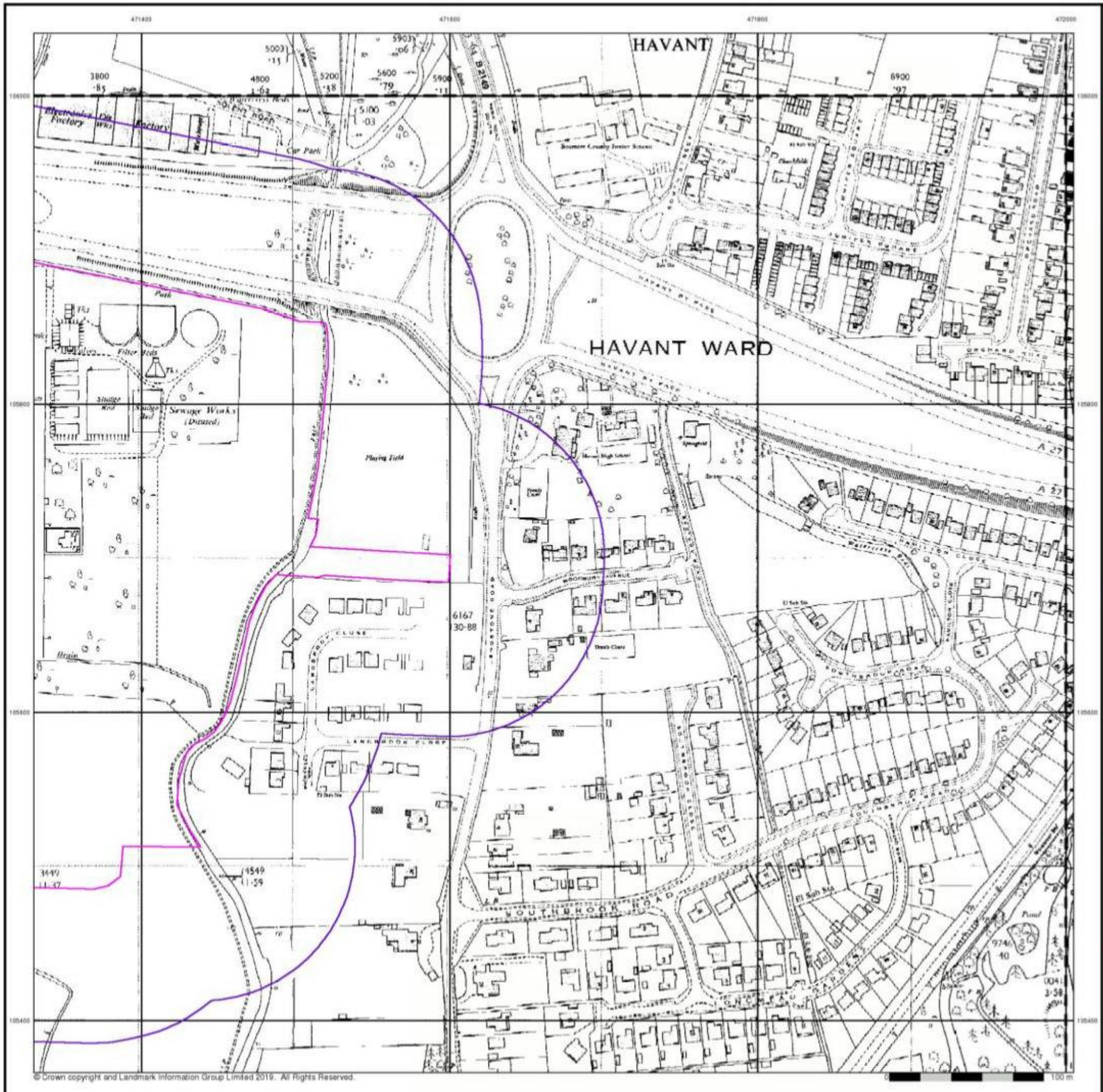


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Ordnance Survey Plan

Published 1961 - 1974

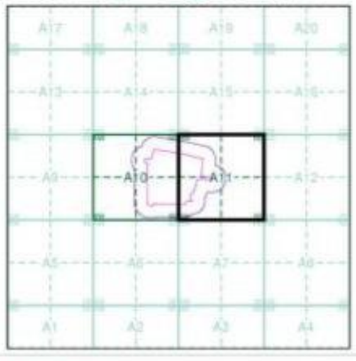
Source map scale - 1:2,500

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)

SU7106 1961 1:2,500	SU7206 1964 1:2,500
SU7105 1969 1:2,500	SU7205 1974 1:2,500

Historical Map - Segment A11

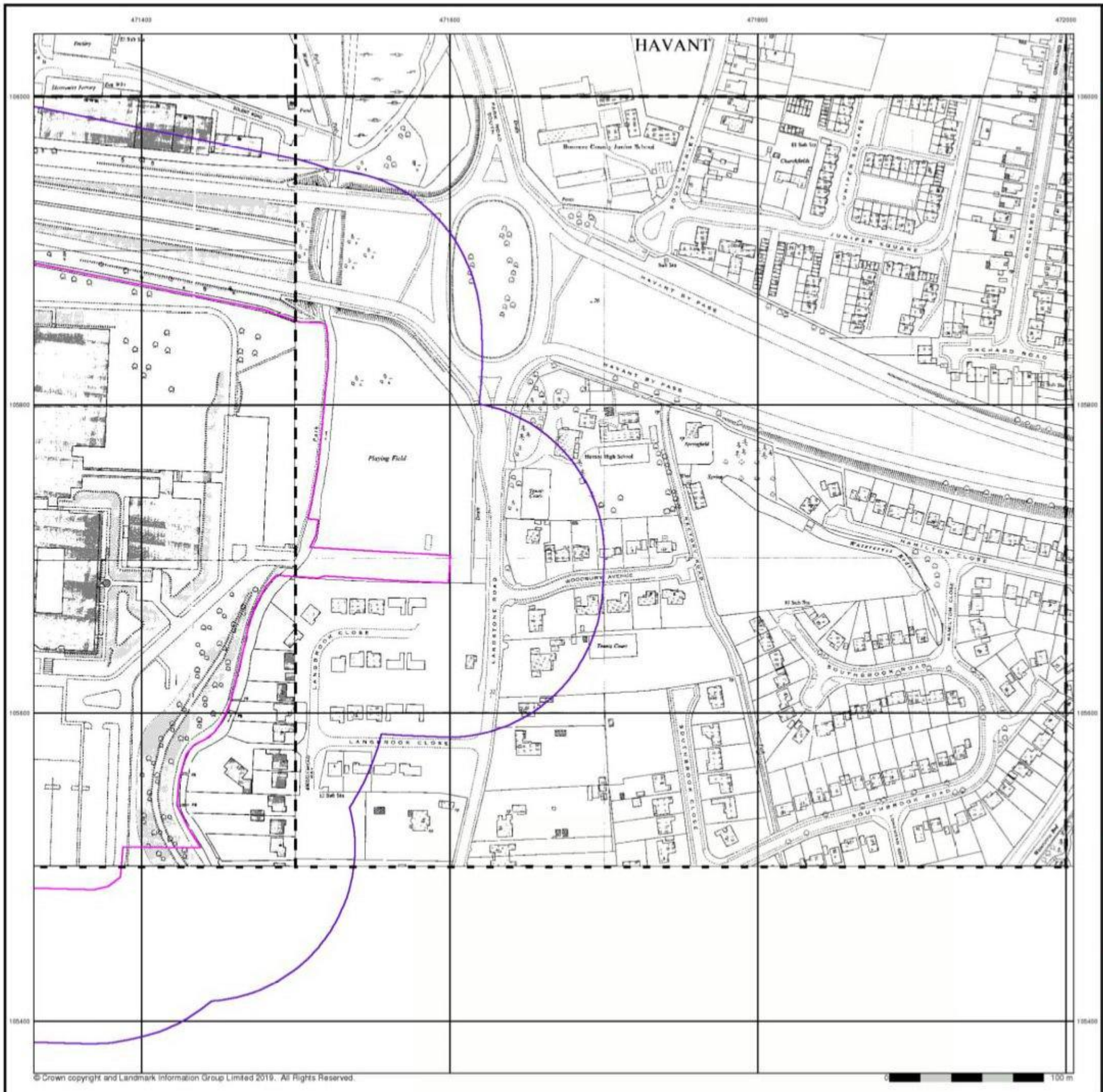


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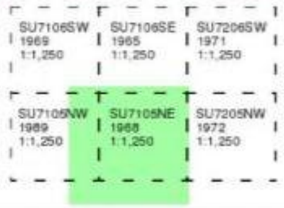
Ordnance Survey Plan

Published 1965 - 1989

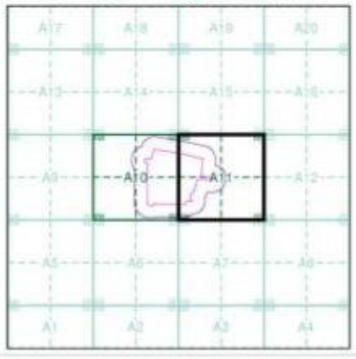
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

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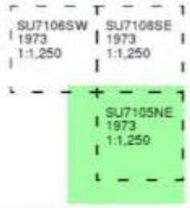
Ordnance Survey Plan

Published 1973

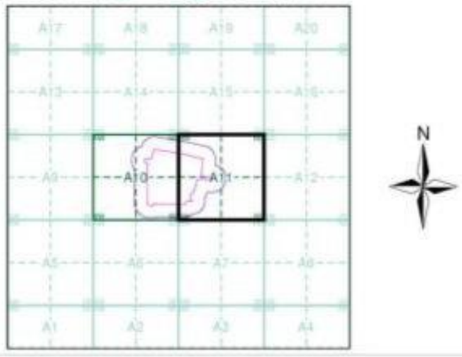
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Historical Map - Segment A11



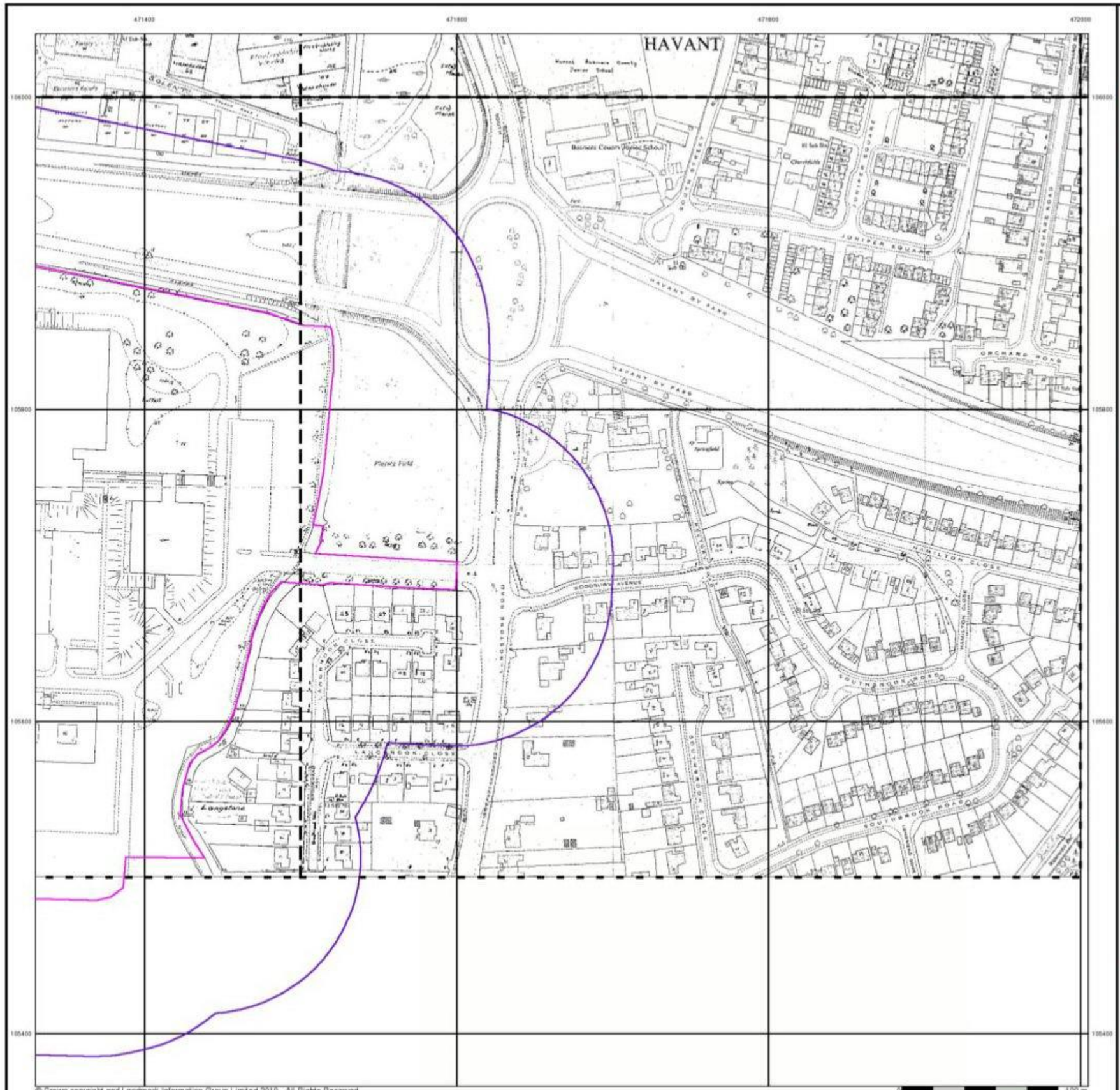
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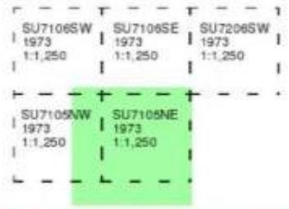
Supply of Unpublished Survey Information

Published 1973

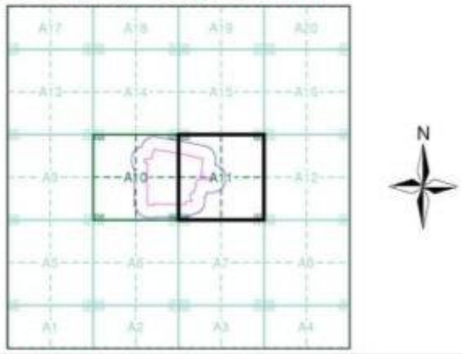
Source map scale - 1:1,250

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)



Historical Map - Segment A11

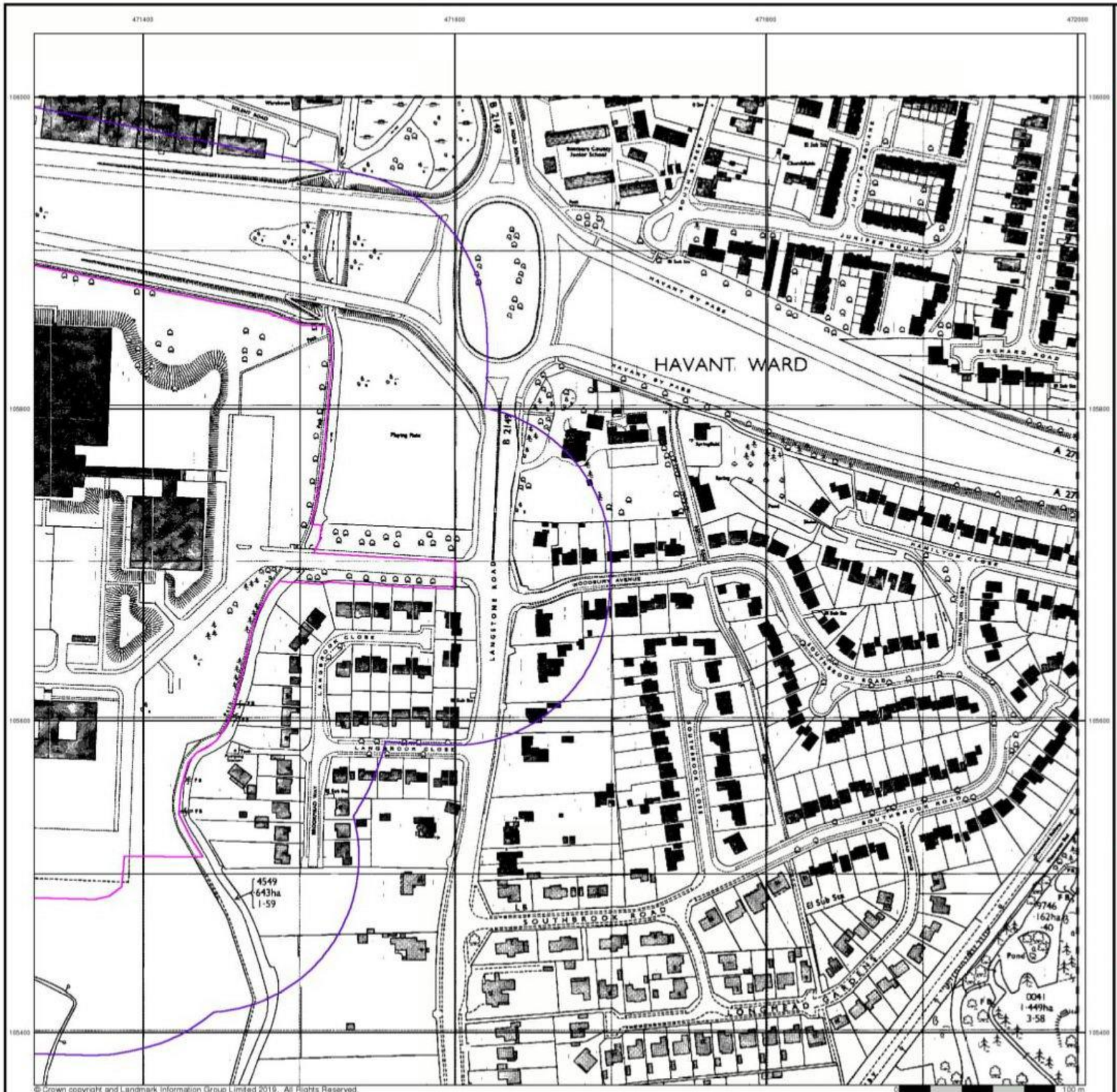


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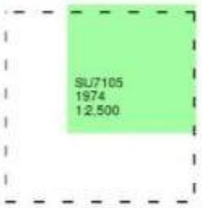
Ordnance Survey Plan

Published 1974

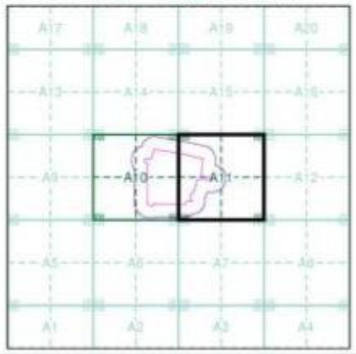
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Order Details

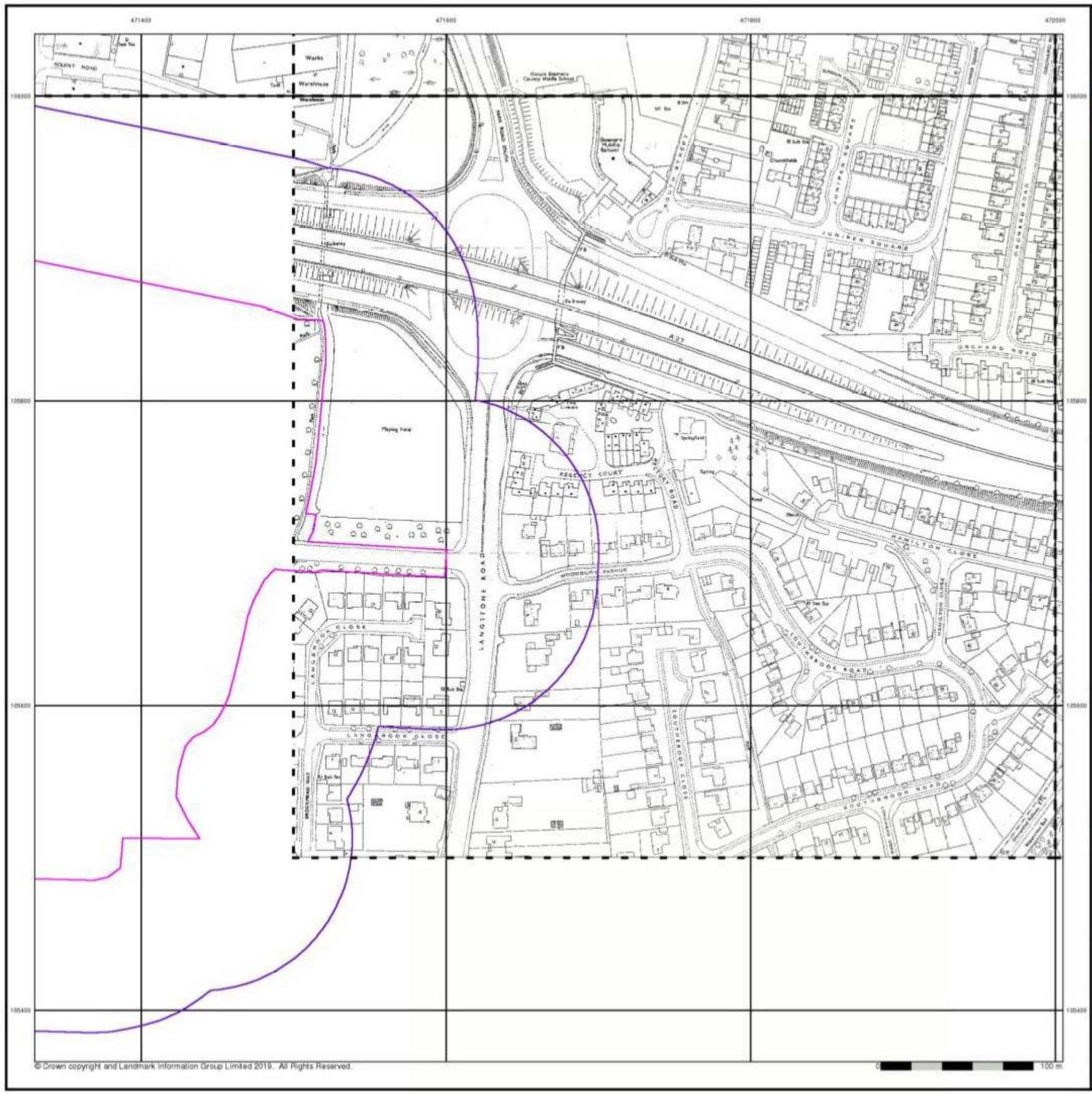
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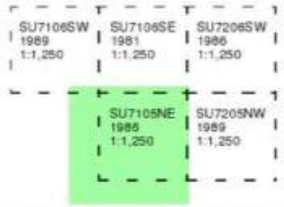
Additional SIMs

Published 1981 - 1989

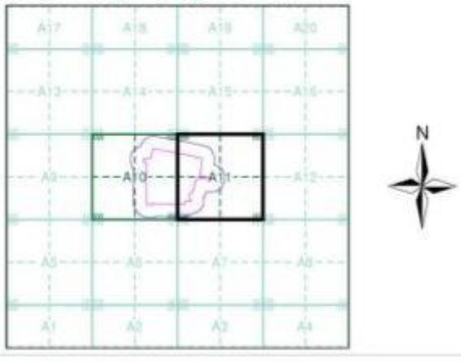
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

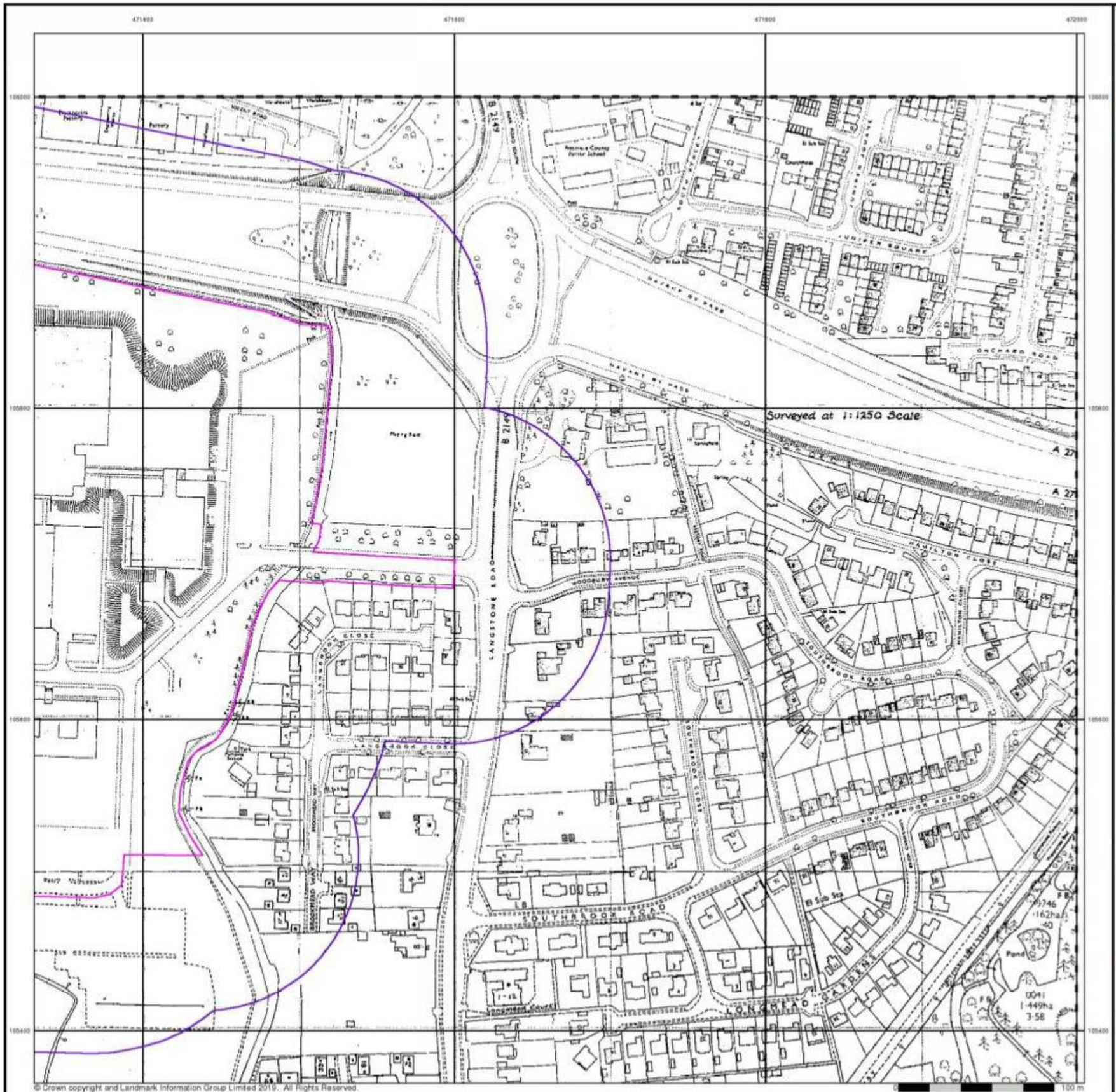
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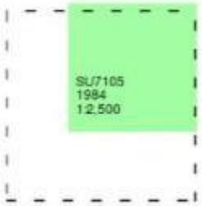
Additional SIMs

Published 1984

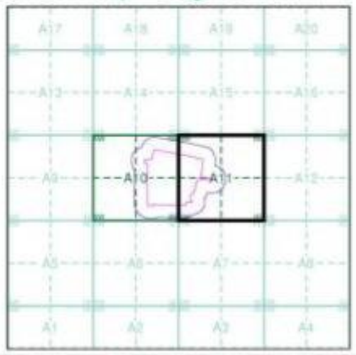
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

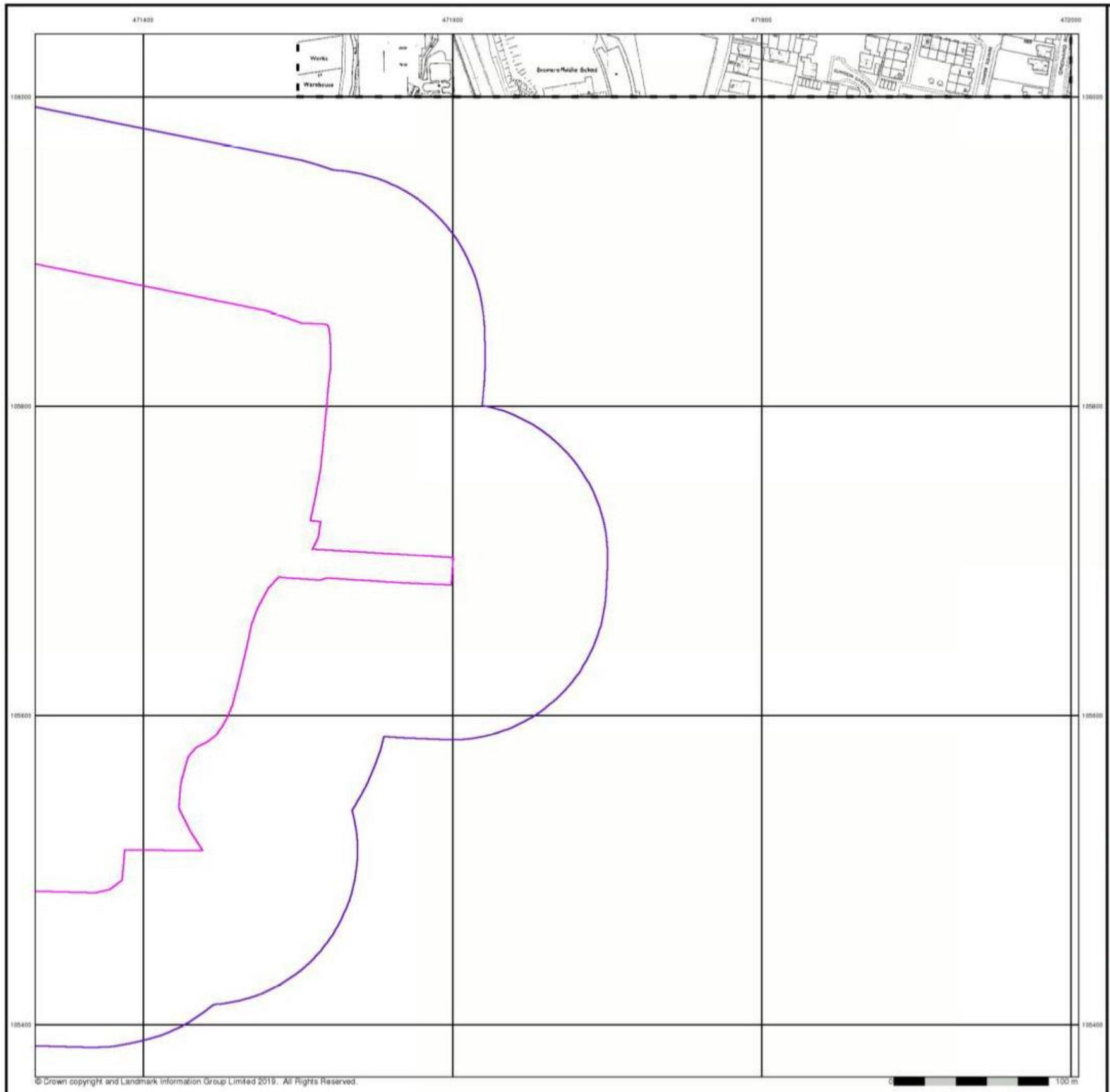
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Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	100

Site Details

Hydroco, Langstone Technology Park 2b, Langstone Road, HAVANT, PO9 1SA

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Additional SIMs

Published 1988

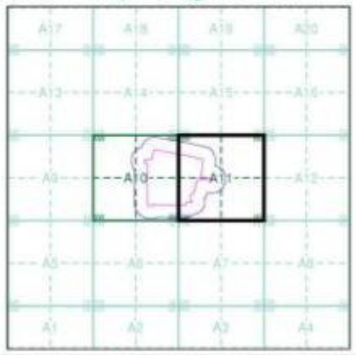
Source map scale - 1:1,250

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 A11



Order Details

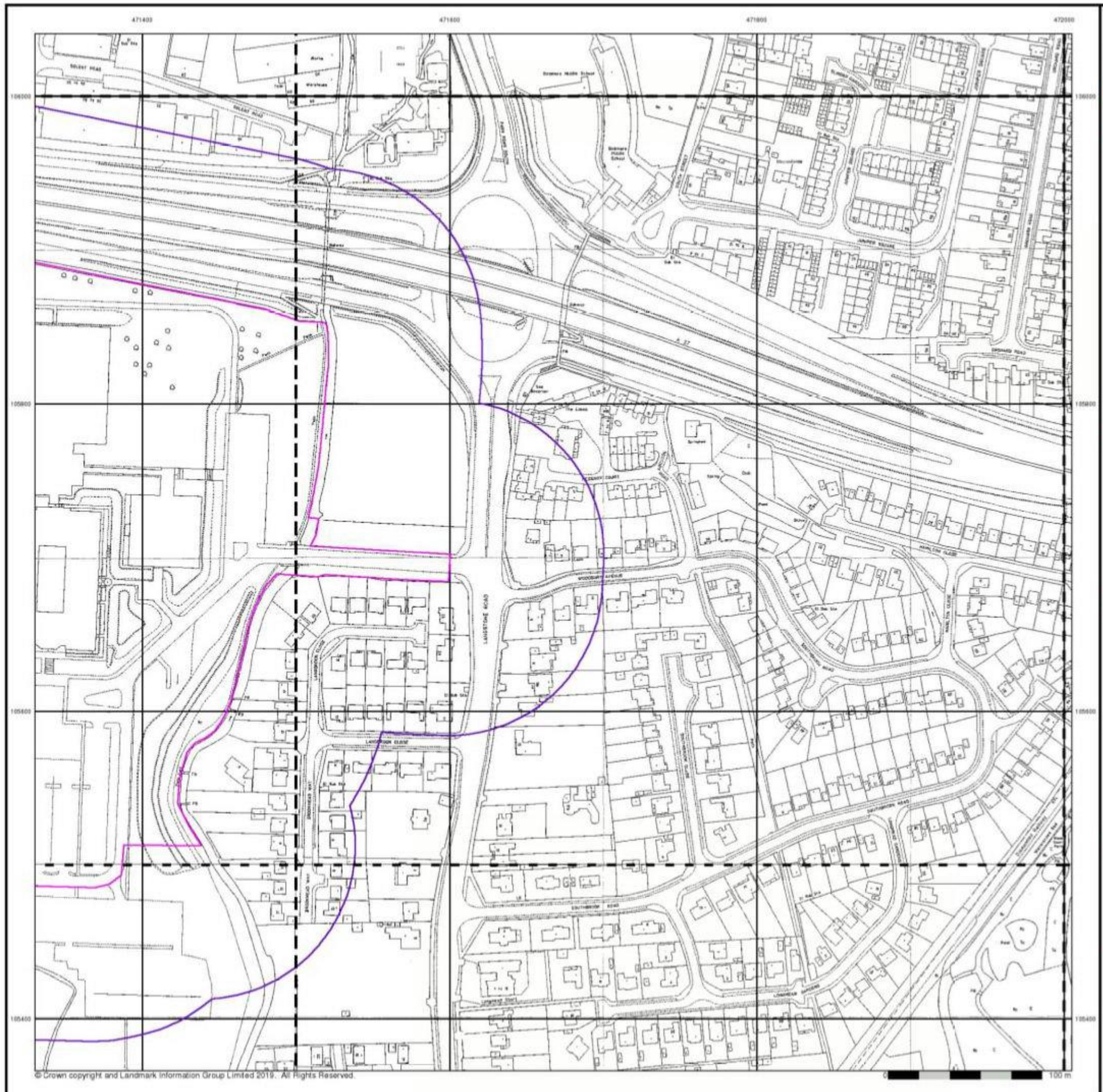
Order Number:	203439487_1_1
Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	100

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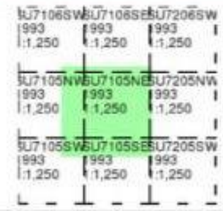
Large-Scale National Grid Data

Published 1993

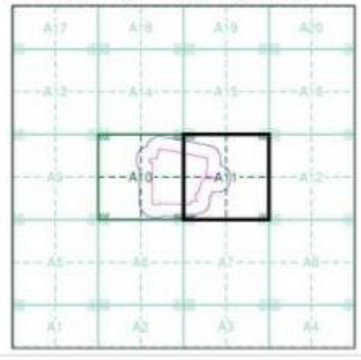
Source map scale - 1:1,250

'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)



Historical Map - Segment A11



Order Details

Order Number:	203439487_1_1
Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	100

Site Details

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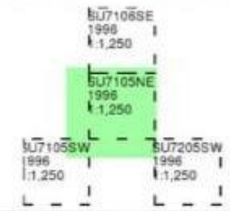
Large-Scale National Grid Data

Published 1996

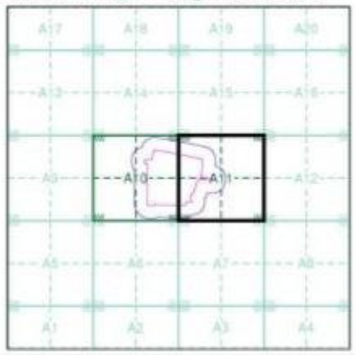
Source map scale - 1:1,250

'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)



Historical Map - Segment A11



Order Details

Order Number:	203439487_1_1
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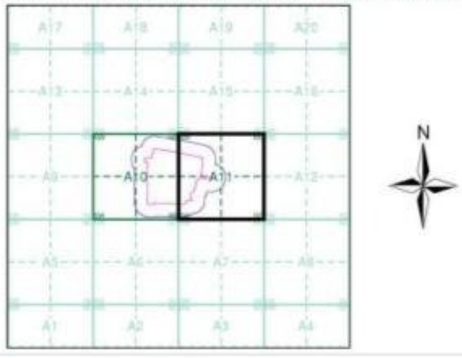
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Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A11



Order Details

Order Number:	203439487_1_1
Customer Ref:	19-0687.01
National Grid Reference:	471300, 105700
Slice:	A
Site Area (Ha):	16.11
Search Buffer (m):	100

Site Details

Hydroco, Langstone Technology Park 2b, Langstone Road, HAVANT, PO9 1SA

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Appendix E – Landmark Envirocheck® Report

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
203439487_1_1

Customer Reference:
19-0687.01

National Grid Reference:
471300, 105700

Slice:
A

Site Area (Ha):
16.11

Search Buffer (m):
1000

Site Details:

Hydroco, Langstone Technology Park 2b
Langstone Road
HAVANT
PO9 1SA

Client Details:

Mr S Clennell-Jones
Delta Simons
20 Little Britain
London
London
EC1A 7D

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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	78
Hazardous Substances	-
Geological	92
Industrial Land Use	96
Sensitive Land Use	132
Data Currency	134
Data Suppliers	140
Useful Contacts	141

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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Summary

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	2	8	56	64
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 35			3	2
Local Authority Integrated Pollution Prevention And Control	pg 36				3
Local Authority Pollution Prevention and Contro s	pg 36	1	10	4	8
Local Authority Pollution Prevention and Contro Enforcements					
Nearest Surface Water Feature		Yes			
Pollution Incidents to Controlled Waters	pg 39		4	5	14
Prosecutions Relating to Authorised Processes	pg 43		1	1	
Registered Radioactive Substances	pg 44		6		
River Quality	pg 44	1			2
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 45				1
Substantiated Pollution Incident Register	pg 46				1
Water Abstractions	pg 46			3	6
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 48	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 48	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 48	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 48	Yes	n/a	n/a	n/a
Source Protection Zones	pg 48		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 51	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 52		Yes	n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 52	3	49	75	100

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 78				1
Historical Landfill Sites	pg 78		1		1
Integrated Pollution Control Registered Waste Sites	pg 78				3
Licensed Waste Management Facilities (Landfill Boundaries)	pg 79				2
Licensed Waste Management Facilities (Locations)	pg 79	1		6	10
Local Authority Landfill Coverage	pg 83	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 83		1		1
Potentially Infilled Land (Non-Water)	pg 83				1
Potentially Infilled Land (Water)	pg 83	8	7	2	13
Registered Landfill Sites	pg 85				2
Registered Waste Transfer Sites	pg 86			2	3
Registered Waste Treatment or Disposal Sites	pg 89		1	2	1
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					

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Summary

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 92	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 92	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 93				2
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					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 93	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 94	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 94	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 94	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 94	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 94	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 95	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 95	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 96	3	73	91	75
Fuel Station Entries	pg 116		2	1	2
Points of Interest - Commercial Services	pg 117		15	36	14
Points of Interest - Education and Health	pg 122				2
Points of Interest - Manufacturing and Productien	pg 123	12	14	12	15
Points of Interest - Public Infrastructure	pg 127		5	9	26
Points of Interest - Recreational and Environmental	pg 130		1		5
Gas Pipelines					
Underground Electrical Cables					

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Summary

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	pg 132			1	
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			1
Ramsar Sites	pg 132			1	
Sites of Special Scientific Interest	pg 132			1	1
Special Areas of Conservation	pg 133				1
Special Protection Areas	pg 133			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	A10SE (N)	0	1	471296 105698
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (E)	0	1	471450 105700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SE (W)	0	1	471250 105698
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10NE (NW)	0	1	471200 105800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (SE)	0	1	471400 105500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (NE)	32	1	471450 105900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10SE (SW)	95	1	471000 105450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NE (SW)	133	1	471150 105350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	140	1	471700 105800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (SE)	174	1	471500 105350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (E)	179	1	471750 105800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	211	1	471750 105850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NE (S)	234	1	471296 105250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	255	1	471850 105750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (SW)	266	1	470900 105300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (E)	303	1	471900 105650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6NW (SW)	386	1	470900 105150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SW (N)	418	1	471400 106350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A5NE (SW)	457	1	470650 105350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	476	1	471200 106400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9SE (W)	481	1	470600 105500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6NW (SW)	483	1	470700 105200

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	A6SE (S)	483	1	471296 105000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	484	1	471900 106150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NE (N)	484	1	471050 106400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (SE)	488	1	471900 105300
1	**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 Ma:ter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A10SE (S)	0	2	471280 105500
1	**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 Ma:ter-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 10m	A10SE (S)	0	2	471280 105500
2	**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 Ma:ter-Surface Water Discharge Environment: Freshwater Stream/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	A11SW (E)	1	2	471480 105680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**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 Mater-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	A11SW (E)	1	2	471480 105680
3	**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 Environment: Freshwater Stream/River 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	A6NE (S)	145	2	471150 105340
4	**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 Mater-Surface Water Discharge 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	A10NW (NW)	183	2	470880 105880
5	**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 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	A10NW (W)	220	2	470850 105760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**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 Mater-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	244	2	470950 106080
7	**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 Mater-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A14SE (NW)	246	2	471020 106140
7	**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 Mater-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A14SE (NW)	250	2	471030 106150
7	**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 Mater-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A14SE (NW)	265	2	471040 106170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Discharge Consents** Operator: Kingscroft Management Limited Property Type: Undefined Or Other Location: Kingscroft Court, Marples Way Kingscroft Court, Marples Way, Havant, Hampshire, Po9 1Is 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 Mater-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	A10NW (NW)	278	2	470860 106040
9	**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 Environment: Saline Estuary 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	A10SW (W)	303	2	470779 105548
9	**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 Environment: Saline Estuary 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	A10SW (W)	303	2	470779 105548
10	**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 Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Surrendered under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A10NW (W)	322	2	470750 105740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**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 Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 10m	A10NW (W)	322	2	470750 105740
10	**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 Mater-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	A10NW (W)	322	2	470750 105740
10	**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 Mater-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A10NW (W)	356	2	470720 105720
10	**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 Environment: Saline Estuary Receiving Water: Brockhampton Creek **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A10SW (W)	361	2	470720 105700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**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 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 10m	A10SW (W)	361	2	470720 105700
10	**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 Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A10SW (W)	361	2	470720 105700
10	**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 Mater-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Consent revoked: Discharge ceased (Section 37(1))** Positional Accuracy: Located by supplier to within 100m	A10NW (W)	369	2	470710 105710
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**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 Environment: Saline Estuary Receiving Water: The Solent/Langstone Harbour **Status: Consent Currently Under Appeal** Positional Accuracy: Located by supplier to within 10m	A10SW (SW)	346	2	470750 105400
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400
11	**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 Environment: Saline Estuary 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	A10SW (SW)	346	2	470750 105400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Discharge Consents** Operator: Kingscroft Management Limited Property Type: Undefined Or Other Location: Kingscroft Court, Marples Way Kingscroft Court, Marples Way, Havant, Hampshire, Po9 1Hs 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 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	A10NW (NW)	365	2	470750 106040
13	**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 Environment: Saline Estuary Receiving Water: Brockhampton Creek **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A10SW (W)	410	2	470670 105670
14	**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 Environment: Land/Soakaway Receiving Water: Groundwater Via Soakaway **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9NE (W)	426	2	470647 105723
14	**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 Environment: Land/Soakaway 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	A9NE (W)	426	2	470647 105723

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**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 Environment: Freshwater Stream/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 (W)	426	2	470640 105920
16	**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 Environment: Freshwater Stream/River 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	A14SW (NW)	427	2	470840 106230
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary Receiving Water: The Solent/Langstone Harbour **Status: Consent Currently Under Appeal** Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	457	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**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 Environment: Saline Estuary Receiving Water: The Solent/Langstone Harbour **Status: Consent Currently Under Appeal** Positional Accuracy: Manually positioned within the geographical locality	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**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 Environment: Saline Estuary 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	A6NW (SW)	457	2	470680 105280
18	**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 Ma'ter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status:** **Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A15SW (N)	464	2	471550 106320
19	**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 Ma'ter-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 10m	A9NE (W)	472	2	470590 105800
19	**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 Ma'ter-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status:** **Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A9NE (W)	484	2	470580 105780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**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 Environment: Saline Estuary 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	A9SE (W)	481	2	470600 105620
21	**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	A9NE (NW)	494	2	470590 106000
21	**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	A9NE (W)	498	2	470580 105980
21	**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	A9NE (NW)	507	2	470580 106010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**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 Mater-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	A9NE (W)	505	2	470570 105970
22	**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 Mater-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	A9NE (W)	522	2	470550 105960
22	**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 Mater-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	A9NE (W)	540	2	470530 105950
23	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: North Close, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00353 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 Environment: Freshwater Stream/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	A12NW (E)	526	2	472110 105830

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**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 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 (NE)	552	2	471600 106400
24	**Discharge Consents** Operator: Stagecoach (South) Ltc 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 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 (NE)	552	2	471600 106400
25	**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 Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Failed Transfer** Positional Accuracy: Located by supplier to within 10m	A9NE (W)	564	2	470500 105780
25	**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 Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Surrendered under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9NE (W)	567	2	470500 105750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	**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: C01127 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 Environment: Land/Soakaway 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	A9SE (W)	570	2	470510 105667
27	**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 Environment: Saline Estuary 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	A9SE (W)	571	2	470510 105510
27	**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 Environment: Saline Estuary Receiving Water: Brockhampton Stream **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A9SE (W)	571	2	470510 105510
28	**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-Storm Effluent Discharge Environment: Saline Estuary Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	576	2	470815 104980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**Discharge Consents** Operator: Southern Water Services Limited Property Type: Not Given Location: 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-Storm Effluent Discharge Environment: Saline Estuary Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	579	2	470810 104980
28	**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: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge Environment: Saline Estuary Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	581	2	470815 104975
28	**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-Storm Effluent Discharge Environment: Saline Estuary Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	583	2	470810 104975
29	**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 Environment: Saline Estuary 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	A5NE (SW)	593	2	470580 105180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	**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: C01141 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 Environment: Saline Estuary Receiving Water: Hermitage Stream **Status: Surrendered under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9SE (W)	653	2	470429 105587
31	**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 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	A14NW (NW)	655	2	470890 106530
32	**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 Environment: Saline Estuary Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	656	2	470545 105120
32	**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 Environment: Saline Estuary Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	658	2	470545 105115

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**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 Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	660	2	470540 105120
32	**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 Environment: Saline Estuary Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	662	2	470540 105115
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**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: 0 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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**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 Environment: Saline Estuary Receiving Water: The Solent/Langstone Harbour **Status: Consent Currently Under Appeal** Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary Receiving Water: The Solent/Langstone Harbour **Status: Consent Currently Under Appeal** Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	671	2	470540 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	698	2	470500 105110
32	**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 Environment: Coastal Receiving Water: Langstone Harbour **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	698	2	470500 105110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**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 Environment: Coastal Receiving Water: Langstone Harbour **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	698	2	470500 105110
32	**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 Environment: Saline Estuary 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	A5NE (SW)	704	2	470500 105100
32	**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 Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Manually corrected supplier location	A5NE (SW)	704	2	470500 105100
32	**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 Environment: Saline Estuary 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	A5NE (SW)	704	2	470500 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**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 Environment: Coastal Receiving Water: Langstone Harbour **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	704	2	470500 105100
32	**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 Environment: Coastal Receiving Water: Langstone Harbour **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	704	2	470500 105100
32	**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 Environment: Coastal Receiving Water: Langstone Harbour **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	704	2	470500 105100
32	**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 Environment: Coastal Receiving Water: Langstone Harbour **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A5NE (SW)	704	2	470500 105100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	**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 Environment: Freshwater Stream/River Receiving Water: Hermitage Stream **Status: New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9SE (W)	669	2	470411 105647
34	**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 Environment: Freshwater Stream/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	A13SE (NW)	681	2	470600 106350
35	**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 Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Surrendered under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9NE (W)	743	2	470320 105780
35	**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 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	A9NE (W)	743	2	470320 105780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	**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 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 10m	A13SE (W)	776	2	470320 106080
37	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: Undefined Or Other Location: Eastern Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Lavant Reference: H01597 Permit Version: 1 Effective Date: 18th January 1963 Issued Date: 18th January 1963 Revocation Date: 23rd February 2010 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or 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	A15NE (NE)	920	2	471940 106670
38	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Pook Lane, Havant Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00354 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 Environment: Freshwater Stream/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	A12NE (E)	942	2	472540 105760
39	**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	A11SW (E)	0	2	471400 105695
39	**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	A11SW (E)	0	2	471400 105700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	**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	A10SW (W)	370	2	470711 105510
40	**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	A10SW (W)	381	2	470700 105500
41	**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	A14SW (NW)	474	2	470953 106361
42	**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	A14SW (NW)	577	2	470680 106282

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	**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 (NW)	711	2	470600 106390
44	**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	A9SE (W)	583	3	470498 105619
44	**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	A9SE (W)	583	3	470498 105619
45	**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	A13SE (NW)	683	3	470596 106349
46	**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	A10NE (NW)	0	3	471216 105828
47	**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	A10SE (SW)	29	3	471053 105567
47	**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	A10SE (SW)	45	3	471037 105530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**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	A10SE (SW)	76	3	471006 105528
48	**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	A10SE (SW)	78	3	471004 105545
49	**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	A10SW (SW)	119	3	470963 105550
49	**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	A10SW (W)	121	3	470961 105579
50	**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	A11NW (NE)	156	3	471494 106017
51	**Local Authority Pollution Prevention and Controls** Name: Xyratex Location: PO Box 6, Langstone Road, HAVANT, Hampshire, PO9 1 Authority: Havant Borough Council, Environmental Health Department Permit Reference: 6 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: Part B process (no specific reference) **Status: Authorised** Positional Accuracy: Manually positioned to the road within the address or location	A11SW (SE)	167	3	471599 105469
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 (N)	176	3	471307 106076

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	**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	A10NW (W)	228	3	470851 105734
54	**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	A15SW (NE)	351	3	471590 106196
55	**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	A10NW (W)	387	3	470674 105879
55	**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	A10NW (W)	387	3	470674 105879
56	**Local Authority Pollution Prevention and Controls** Name: Havant Garage Location: 25-27 South Street, Havant, PO9 1BU Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/06/00624 Dated: 2nd December 2009 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A15SE (NE)	397	3	471802 106130
57	**Local Authority Pollution Prevention and Controls** Name: Sainsburys Supermarket Location: Hambledon Road, Waterlooville, 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	A9NE (W)	532	3	470533 105767
58	**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/AC01 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	A9NE (W)	538	3	470522 105837

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	**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	A9NE (W)	538	3	470522 105837
58	**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	A9NE (W)	554	3	470508 105803
58	**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	A9NE (W)	556	3	470506 105800
59	**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	A9SE (W)	591	3	470489 105664
60	**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	A15NE (NE)	658	3	471719 106479
61	**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	A18SE (N)	839	3	471136 106763
	Nearest Surface Water Feature	A11NW (E)	0	-	471503 105710
62	**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	A11NW (E)	82	2	471600 105800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	**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: 707046 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	A11NW (NE)	94	2	471600 105900
64	**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	A11NW (NE)	169	2	471600 106000
65	**Pollution Incidents to Controlled Waters** Property Type: Other General Premises Location: Lavant Stream, LANGSTONE Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil On Stream; Miscellaneous Premises: Unknown Incident Date: 17th March 1995 Incident Reference: 1778 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	A7NW (SE)	222	2	471500 105300
66	**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 (NW)	296	2	470900 106100
67	**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	A15SW (N)	336	2	471500 106200
68	**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	A15SW (NE)	357	2	471600 106200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	**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	A9SE (W)	481	2	470600 105500
70	**Pollution Incidents to Controlled Waters** Property Type: Other General Premises Location: New Lane, HAVANT Authority: Environment Agency, Southern Region Pollutant: Rubble/Litter Or Solids Note: Debris Rubbish & Various Items Into Lavant By Gypsies Incident Date: 10th May 1992 Incident Reference: 67 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	A6SE (SW)	492	2	471001 105001
71	**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	A14SW (NW)	505	2	470800 106300
72	**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	A15NW (N)	527	2	471500 106395
72	**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	A15NW (N)	532	2	471500 106400
73	**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	A5NE (SW)	566	2	470600 105200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	**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: 706525 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	A9SE (W)	575	2	470500 105700
75	**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	A9SE (W)	581	2	470500 105495
75	**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	A9SE (W)	581	2	470500 105500
76	**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	A9NE (W)	682	2	470400 106020
77	**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	A14NW (NW)	716	2	470900 106600
78	**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	A13NE (NW)	861	2	470400 106400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**Pollution Incidents to Controlled Waters** Property Type: WSC Sewage, Sewerage & Supply Location: Eastern Road Outfall, HAVANT Authority: Environment Agency, Southern Region Pollutant: General Biodegradable : Sewage & Sewerage Material: Grey Water Note: Not Supplied Incident Date: 18th October 1999 Incident Reference: 3180 Catchment Area: Lavant Receiving Water: Potential River Cause of Incident: Deliberate Action Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A15NE (NE)	863	2	471950 106600
80	**Pollution Incidents to Controlled Waters** Property Type: Other General Premises Location: Foreshore Adjacent To Ship Inn Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Natural Note: Bad Smell And Pink Colouration Incident Date: 9th June 1993 Incident Reference: 711 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	A7SE (SE)	890	2	471800 104700
81	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Surface Water Outfall Location: Lavant Stream, Eastern Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Gas Oil Note: Oil Poured Into Hermitage Stream Incident Date: 11th March 1997 Incident Reference: 797171 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	A15NE (NE)	915	2	471940 106665
81	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Other Location: Surface Water Outfall, Eastern Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil Irridescence Entering Stream Incident Date: 15th March 1997 Incident Reference: 797138 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	A15NE (NE)	920	2	471940 106670
82	**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	A10SW (W)	121	2	470959 105662
83	**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	A14SW (NW)	375	2	470784 106101

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	**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	A10NE (NW)	44	2	471016 105851
85	**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	A10NE (NW)	87	2	471032 105930
85	**Registered Radioactive Substances** Name: Apollo Fire Detectors Ltd Location: 36 Brookside Road, Havant, Hampshire, PO9 1JR Authority: Environment Agency, Southern Region Permit Reference: Bj8812 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	A10NE (NW)	87	2	471032 105930
85	**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	A10NE (NW)	87	2	471032 105930
86	**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	A10NE (NW)	121	2	471094 106037
87	**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	A14SE (NW)	126	2	471094 106042
	River Quality Name: Lavant (Hants) GQA Grade: River Quality A Reach: Tidal Limit - Source Estimated Distance (km): 6.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A10SE (W)	0	2	471294 105699

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Warblington Strm - No.4 GQA Grade: River Quality A Reach: Tidal Limit - Source Estimated Distance (km): 1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A12NW (E)	552	2	472087 105963
	River Quality Name: Hermitage Strm GQA Grade: River Quality C Reach: Tidal Limit - Source Estimated Distance (km): 14.8 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	A13SE (NW)	625	2	470511 106145
88	**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	A18SE (N)	856	2	471073 106778

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	**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	A13NE (NW)	749	2	470650 106493
90	**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	A14SE (N)	461	2	471020 106370
90	**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	A14SE (N)	461	2	471020 106370
90	**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	A14SE (N)	461	2	471020 106370
91	**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	A13SE (NW)	710	2	470580 106370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	**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	A13SE (NW)	710	2	470580 106370
91	**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	A13SE (NW)	710	2	470580 106370
92	**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	A13SE (NW)	718	2	470480 106270
92	**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	A13SE (NW)	718	2	470480 106270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	**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	A13SE (NW)	718	2	470480 106270
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	A10SE (N)	0	4	471296 105698
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - Moderate Possibility	A10SE (N)	0	4	471296 105698
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A10SE (N)	0	4	471296 105698
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10SE (N)	0	4	471296 105698
93	**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.	A15SW (NE)	173	2	471494 106055
94	**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.	A15SE (NE)	473	2	471736 106273
	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	A11SW (E)	0	2	471442 105671
	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	A11NW (E)	0	2	471499 105712
	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	A10SE (W)	16	2	471063 105629
	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	A11NW (NE)	64	2	471522 105916

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	A10NE (NW)	72	2	471093 105960
	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	A11NW (NE)	84	2	471519 105940
	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	A11NW (NE)	99	2	471544 105948
	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	A10NW (W)	131	2	470930 105824
	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	A7NW (S)	141	2	471397 105348
	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	A11NW (NE)	185	2	471616 106009
	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	A10NW (W)	200	2	470859 105808
	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	A10NW (W)	203	2	470859 105805
	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	A10NW (W)	203	2	470859 105803
	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	A10NW (W)	204	2	470859 105803
	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	A15SW (NE)	204	2	471534 106058
	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	A10NW (W)	204	2	470859 105802
	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	A10NW (W)	206	2	470856 105787
	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	A10NW (W)	207	2	470856 105792
	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	A10NW (W)	209	2	470854 105791
	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	A10NW (W)	212	2	470852 105786

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	A10NW (W)	213	2	470853 105779
	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	A10NW (W)	214	2	470852 105776
	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	A10NW (W)	215	2	470850 105784
	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	A10NW (W)	215	2	470850 105784
	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	A10NW (W)	216	2	470849 105783
	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	A10NW (W)	216	2	470849 105783
	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	A10NW (W)	225	2	470843 105769
	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	A10NW (W)	228	2	470839 105772
	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	A10NW (W)	228	2	470839 105772
	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	A10NW (W)	238	2	470831 105759
	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	A10NW (W)	239	2	470830 105762
	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	A10NW (NW)	240	2	470882 106008
	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	A10NW (W)	242	2	470829 105748
	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	A15SW (NE)	242	2	471529 106098
	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	A10NW (W)	245	2	470825 105757
	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	A7NW (S)	246	2	471457 105255

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	A10NW (W)	246	2	470824 105753
	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	A10NW (W)	249	2	470824 105745
	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	A11NW (E)	0	2	471501 105714
	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	A11SW (SE)	0	2	471452 105621
	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	A11NW (NE)	64	2	471522 105916
	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	A10SE (SW)	70	2	471008 105504
	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	A11NW (NE)	84	2	471524 105936
	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	A11NW (NE)	113	2	471543 105962
	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	A11NW (NE)	124	2	471534 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	A10NW (W)	131	2	470930 105824
	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	A11NW (NE)	136	2	471565 105980
	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	A7NW (S)	141	2	471399 105348
	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	A14SE (N)	150	2	471268 106064
	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	A11NW (NE)	154	2	471586 105990
	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	A11NW (NE)	171	2	471589 106008
	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	A11NW (NE)	181	2	471587 106019

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	A11NW (NE)	191	2	471640 106000
	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	A10NW (W)	200	2	470859 105804
	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	A15SW (NE)	205	2	471535 106058
	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	A10NW (W)	208	2	470853 105780
	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	A7NW (S)	224	2	471446 105274
	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	A10NW (W)	238	2	470831 105760
	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	A10NW (NW)	240	2	470882 106009
	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	A15SW (NE)	243	2	471527 106100
	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	A7NW (S)	246	2	471457 105255
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A10SW (W)	70	2	470967 105588
	Flood Water Storage Areas None				
	Flood Defences None				
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 269.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SW (E)	0	5	471473 105653
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10NE (N)	0	5	471243 105901
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 65.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10NE (N)	0	5	471243 105901

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 578.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SW (SE)	3	5	471428 105559
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SW (SE)	3	5	471434 105574
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SW (SE)	3	5	471459 105605
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SW (SE)	3	5	471459 105605
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SW (SE)	4	5	471429 105561
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10NE (N)	4	5	471246 105911
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 88.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10SE (S)	5	5	471210 105486
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11NW (NE)	12	5	471520 105864
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10SE (SW)	27	5	471142 105460

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11NW (NE)	71	5	471524 105923
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11NW (NE)	88	5	471525 105940
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10SE (S)	94	5	471208 105397
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10SE (SW)	101	5	471142 105382
111	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SW (S)	103	5	471391 105385
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10SE (S)	104	5	471300 105383
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 48.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10SE (S)	105	5	471208 105384
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 45.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10SE (S)	105	5	471254 105383
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10SE (S)	106	5	471272 105383

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 151.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11NW (NE)	111	5	471531 105963
117	**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	A11NW (NE)	111	5	471531 105963
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6NE (SW)	128	5	471073 105358
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	146	5	471140 106070
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (N)	146	5	471159 106069
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	147	5	471130 106070
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	148	5	471117 106071
123	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	149	5	471115 106071
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	162	5	471074 106072

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (N)	163	5	471191 106084
126	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	164	5	471127 106087
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11NW (NE)	164	5	471577 106006
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 136.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	165	5	471118 106088
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	169	5	471057 106072
130	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 102.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11NW (NE)	170	5	471580 106011
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	175	5	471045 106072
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	180	5	471037 106073
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	188	5	471022 106073

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Stream Catchment Name: East Hampshire Primacy: 1	A10NW (W)	196	5	470859 105830
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	199	5	471006 106073
136	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 171.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Stream Catchment Name: East Hampshire Primacy: 1	A10NW (W)	202	5	470855 105806
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	207	5	470996 106074
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11NE (E)	211	5	471810 105724
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 118.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SW (NW)	211	5	470989 106073
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SW (NW)	232	5	470982 106095
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 165.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Stream Catchment Name: East Hampshire Primacy: 1	A14SW (NW)	234	5	470988 106103
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Stream Catchment Name: East Hampshire Primacy: 1	A14SW (NW)	235	5	470976 106095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 99.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10NW (NW)	237	5	470830 105906
144	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 37.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10NW (NW)	238	5	470832 105914
145	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Stream Catchment Name: East Hampshire Primacy: 1	A10NW (NW)	240	5	470857 105975
146	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.8 Watercourse Level: Underground Permanent: True Watercourse Name: Brockhampton Stream Catchment Name: East Hampshire Primacy: 1	A10NW (NW)	242	5	470860 105985
147	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 59.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Stream Catchment Name: East Hampshire Primacy: 1	A10NW (NW)	251	5	470869 106011
148	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11NE (E)	252	5	471851 105714
149	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10NW (NW)	253	5	470830 105952
150	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 291.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6NE (S)	254	5	471148 105227
151	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 139.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15SW (NE)	256	5	471526 106113

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15SW (NE)	256	5	471526 106113
153	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11NE (E)	258	5	471857 105712
154	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15SW (NE)	260	5	471614 106095
155	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15SW (NE)	260	5	471614 106095
156	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NW (S)	263	5	471410 105226
157	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Stream Catchment Name: East Hampshire Primacy: 1	A14SW (NW)	266	5	470937 106098
158	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 202.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (N)	270	5	471158 106194
159	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 86.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6NE (S)	285	5	471319 105202
160	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15SE (NE)	293	5	471674 106101

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 31.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SW (NW)	296	5	470913 106116
162	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15SE (NE)	303	5	471679 106109
163	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NW (S)	309	5	471391 105178
164	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 76.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NW (S)	312	5	471390 105174
165	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Stream Catchment Name: East Hampshire Primacy: 1	A14SE (NW)	315	5	471057 106229
166	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 122.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A14SE (N)	318	5	471278 106225
167	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 182.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (E)	321	5	471917 105645
168	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A14SE (N)	321	5	471243 106233
169	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10NW (W)	325	5	470740 105903

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Mill Lake Catchment Name: East Hampshire Primacy: 1	A10NW (W)	330	5	470747 105723
171	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 123.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A10NW (W)	336	5	470729 105903
172	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A15SW (N)	366	5	471356 106260
173	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 89.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6NE (S)	371	5	471303 105117
174	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6NE (S)	371	5	471303 105117
175	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6NE (S)	371	5	471304 105116
176	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NW (S)	378	5	471353 105108
177	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 55.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A15SW (N)	384	5	471393 106270
178	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15SW (N)	385	5	471512 106247

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	**OS Water Network Lines** Watercourse Form: Foreshore Watercourse Length: 108.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Mill Lake Catchment Name: Not Supplied Primacy: 1	A10SW (W)	399	5	470682 105689
180	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (E)	408	5	471943 105465
181	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (SE)	410	5	471925 105436
182	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 118.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A11SE (E)	412	5	471945 105461
183	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15SW (N)	412	5	471532 106271
184	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A11SE (SE)	416	5	471923 105424
185	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (SE)	416	5	471923 105424
186	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (E)	422	5	471945 105442
187	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 69.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A11SE (E)	422	5	471948 105447

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
188	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 38.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (E)	422	5	471948 105447
189	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A11SE (SE)	427	5	471942 105430
190	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (E)	428	5	471944 105431
191	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 31.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (E)	429	5	471982 105488
192	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (E)	432	5	471976 105473
193	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 34.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A11SE (E)	432	5	471982 105483
194	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 170.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12SW (E)	434	5	472016 105562
195	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (E)	435	5	472002 105520
196	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (E)	438	5	471999 105506

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (SE)	438	5	471943 105412
198	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A15SW (N)	439	5	471400 106325
199	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A11SE (SE)	455	5	471927 105369
200	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A11SE (SE)	455	5	471930 105373
201	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A9NE (W)	455	5	470607 105887
202	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6NE (S)	458	5	471282 105030
203	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6SE (S)	462	5	471281 105026
204	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 107.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A9NE (W)	462	5	470589 105786
205	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 93.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A7SW (S)	465	5	471389 105022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (E)	470	5	472065 105770
207	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 285.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (E)	470	5	472065 105770
208	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SE)	470	5	471933 105354
209	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (E)	474	5	472069 105770
210	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 233.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A9SE (W)	474	5	470604 105614
211	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (E)	475	5	472074 105715
212	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	477	5	471436 105013
213	**OS Water Network Lines** Watercourse Form: Foreshore Watercourse Length: 140.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Mill Lake Catchment Name: Not Supplied Primacy: 1	A9SE (W)	477	5	470604 105614
214	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SE)	481	5	471934 105340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
215	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SE)	481	5	471934 105340
216	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 59.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A15SW (N)	486	5	471427 106367
217	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A15SW (N)	491	5	471486 106360
218	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 166.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6SE (S)	495	5	471276 104993
219	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 37.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	A7SW (S)	496	5	471371 104990
220	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 37.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 2	A7SW (S)	496	5	471371 104990
221	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (E)	497	5	472093 105764
222	**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	A9NE (W)	504	5	470557 105876
223	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SE)	506	5	471988 105362

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SE)	506	5	471988 105362
225	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 151.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15SW (N)	506	5	471546 106364
226	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SE)	510	5	471938 105303
227	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 77.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A7NE (SE)	510	5	471938 105303
228	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SE)	511	5	471985 105349
229	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 19.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A7SW (S)	515	5	471397 104972
230	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 172.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (E)	520	5	472090 105875
231	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (E)	521	5	472095 105863
232	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 199.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A7SW (S)	530	5	471387 104956

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
233	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12NW (E)	532	5	472114 105842
234	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 220.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6SW (SW)	544	5	470885 104983
235	**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	A14SW (NW)	550	5	470735 106299
236	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 107.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Mill Lake Catchment Name: Not Supplied Primacy: 1	A9SE (W)	557	5	470524 105500
237	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SE)	567	5	471938 105230
238	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 234.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15NE (NE)	574	5	471677 106404
239	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	586	5	471368 104900
240	**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	A14SW (NW)	587	5	470723 106340
241	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 497.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A6SE (S)	595	5	471205 104894

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6SE (S)	629	5	471025 104859
243	**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	A7SW (S)	629	5	471347 104857
244	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 186.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NE (SE)	635	5	471960 105152
245	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A7NE (SE)	635	5	471960 105152
246	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	635	5	471347 104851
247	**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	A13SE (NW)	635	5	470554 106231
248	**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	A13SE (NW)	635	5	470554 106231
249	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 44.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	637	5	471349 104849
250	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 315.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A6SE (S)	638	5	471057 104846

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
251	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A14NW (NW)	649	5	470922 106536
252	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 195.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Mill Lake Catchment Name: Not Supplied Primacy: 1	A9SE (W)	658	5	470421 105519
253	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 368.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Brockhampton Mill Lake Catchment Name: Not Supplied Primacy: 1	A9SE (W)	661	5	470421 105472
254	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A7SW (S)	679	5	471359 104806
255	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 9.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	679	5	471359 104806
256	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A14NW (NW)	681	5	470923 106570
257	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A7SW (S)	685	5	471489 104811
258	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	688	5	471364 104798
259	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A14NW (NW)	692	5	470925 106582

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
260	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A14NW (NW)	692	5	470925 106582
261	**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	A9SE (W)	695	5	470385 105661
262	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A14NW (N)	703	5	470931 106596
263	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 71.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	706	5	471386 104780
264	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 127.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	706	5	471386 104780
265	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 13.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A7SW (S)	708	5	471488 104788
266	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 133.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A7SW (S)	708	5	471488 104788
267	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	713	5	471477 104781
268	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A14NW (N)	717	5	470935 106612

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
269	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	720	5	471457 104771
270	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 121.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	722	5	471453 104769
271	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	724	5	471633 104811
272	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 651.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A14NE (N)	724	5	471000 106636
273	**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	A13SE (NW)	728	5	470406 106166
274	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	729	5	471640 104808
275	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 85.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A7NE (SE)	731	5	472003 105048
276	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	731	5	471636 104804
277	**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	A9NE (W)	734	5	470334 105955

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
278	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A15NE (NE)	735	5	471869 106499
279	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 34.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A13SE (W)	744	5	470355 106083
280	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A13SE (W)	744	5	470355 106083
281	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 71.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hermitage Stream Catchment Name: East Hampshire Primacy: 1	A9NE (W)	747	5	470327 106012
282	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7SW (S)	748	5	471344 104738
283	**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	A9NW (W)	755	5	470309 105944
284	**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	A13SE (NW)	755	5	470390 106197
285	**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: 1	A9NE (W)	756	5	470320 106003
286	**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	A13SE (NW)	768	5	470345 106129