



**Phase I Desk Study**

at

**Former Town Gas Works, 8 New Lane, Havant, Hampshire  
PO9 2JJ**

for

**Days Estates**

**Reference: I5214/DS**

**October 2015**

## Control Document

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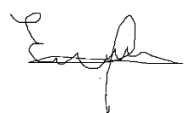
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Current regulations and good practice were used in the preparation of this report. The recommendations given in this report must be reviewed by an appropriately qualified person at the time of preparation of the scheme design to ensure that any recommendations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





## Executive Summary

Soils Limited was commissioned by PLC Architects on behalf of Days Estates to undertake a Phase I Desk Study at the Former Town Gas Works, 8 New Lane, Havant, Hampshire PO9 2JJ. The scope of the investigation was outlined in the Soils Limited quotation reference Q16843, dated 10<sup>th</sup> September 2015. The findings of the Desk study search are summarised as follows;

The current use of the site is for industrial usage and the proposal is for residential end usage. It was anticipated that the development will include hard landscaping such as access roads driveways and pavements and soft landscaping such as public open space.

The 1:50,000 BGS map showed the site to be situated on London Clay Formation to the North and Bognor Sand Member to the south with the superficial deposits of the River Terrace Deposits (undifferentiated) to the North and Head to the South overlying. The Environment Agency Hydrogeological Maps showed that both the bedrock Bognor Sand Member to the south and the superficial River Terrace Deposits (undifferentiated) had also a secondary A designation. The overall groundwater vulnerability was soils of Soils of High Leaching Potential (U). The groundwater may be in part protected by a clay layer, but this is unlikely to be continuous across the site. There is also a surface water located 161m west of the site toward which groundwater was anticipated to flow. There is therefore risk to controlled waters from possible soil contamination to warrant further investigations.

The desktop study indicated that a gas works was present on site from before 1867 until at least 1948 approximately. For at least part of this time, the production of gas from coal was undertaken on site. In addition, the adjacent site to the east contains an infilled gravel pit, backfilled with unknown material.

Gas works are recognised as being one of the most contaminative historic uses in the UK. It is likely that gross contamination is present across the site in soil and potentially groundwater as a result of this previous use. Possible sources include tar pits, effluent, tanks, lagoons and pumps, solid waste storage/disposal areas including Made Ground, process areas, and coal storage/breaking areas. The site has also been used as a depot, with above- and under-ground fuel storage tanks, and fuel distribution points. This has the potential to leave a legacy of contamination in soils and groundwater.

The conceptual site model identifies a large number of potential pollutant linkages (I.e. Source-pathways- receptors) involving soil contamination risk to controlled waters, human health, building structures and services and soil gas risk to building structures and human health. Prior to any development, an intrusive ground investigation is recommended in order to characterise the site conditions and refine the conceptual site model for further actions. This should include a detailed groundwater investigation penetrating into the aquifer, together with sampling and monitoring along the eastern

boundary of the site in an attempt to identify whether contaminant migration (liquid, gas or vapour) onto the site is occurring from the adjacent infilled gravel pit.

A site specific radon and UXO risk assessment is also recommended prior to construction activities.

### **Caveat**

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

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## **Section I      Introduction**

### **I.1      Objective**

The Phase I Desk Study was undertaken to advise the client on the risk pertaining to the site, with special reference to former and present day potential contaminative uses. This also included their impact on sensitive receptors, such as, human health, controlled waters, ecological features, building structures and services.

### **I.2      Location**

The site was located on the Former Town Gas Works, 8 New Lane, Havant, Hampshire PO9 2JJ at O.S Land Ranger Grid Reference of SU 472130, 106610. The site area is 0.34ha. The site location map is presented in Figure 1 and the full Site Walkover discussed in Section 3.1 of this report.

### **I.3      Proposed Development**

At the time of reporting, October 2015, the proposed development was to comprise 3No x three storey apartment blocks (A-C) of mixed tenure including 39 No. one and two bed apartments. It was anticipated that the development will include hard landscaping such as access roads driveways and pavements and soft landscaping such as public open space.

In compiling this report reliance was placed on the existing drawings number 15.2094.109 provided by PLC Architects in September 2015 (Appendix F). Any change or deviation from the scheme outlined in the drawing could invalidate the recommendations presented within this report. Soils Limited must be notified about any such changes.

The existing and proposed plan has been presented in Figure 2.

### **I.4      Legislation and Liability**

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

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

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

Under the legislation, Contaminated Land is defined as: -

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

Where the Act defines harm as:

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

and pollution of controlled waters is defined as: -

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

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

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

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

## **1.5 Planning Policy and Development Act**

The objectives of this desk study report was (i) to satisfy any contaminated land condition attached to planning permission from the council stating that a scheme for provision and implementation of contamination investigation and remediation is submitted and agreed between the developer and the Planning Authority; (ii) to assess the likelihood of contamination existing on the site and the potential for it to cause harm or (iii) to assess any potential risk to future site receptors and determine the need for remediation measures.

Part 2A as described focuses on the identification and remediation of land which in its current use poses an unacceptable risk to people or the environment. Current use includes any use that has planning permission but is as yet unimplemented.

The role of the planning system is to control future development and land use. The assessment of risk arising from contamination and remediation requirements is considered on the basis of both the current and proposed use. The underlying approach to identifying and dealing with risk and the broad policy objective of safeguarding human health and the environment are similar for both regimes.

It is considered that after remediation under planning, as a minimum, land should not be capable of being determined as contaminated land under Part 2A of the Environmental Protection Act 1990. The developer and the Environment Agency's roles are set in National Planning Policy Framework – planning and contaminated land (EA, 2012) and should be referred to if necessary.

## **1.6 Limitations and Disclaimers**

This Phase I Desk Study Report relates to the site located at Former Town Gas Works, 8 New Lane, Havant, Hampshire PO9 2JJ and was prepared for the sole benefit of Days Estates (The "Client") for the brief described in the Commission of this report.

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

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

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

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

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

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



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

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

Ownership of land brings with it onerous legal liabilities in respect of harm to the environment. "Contaminated Land" is defined in Section 57 of the Environment Act 1995 as presented in section 2.4 of this report.

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

Ownership of copyright of all printed material including reports, laboratory test results, trial pit and borehole log sheets, including drillers log sheets, remain with Soils Limited. License is for the sole use of the client and may not be assigned, transferred or given to a third party.

## Section 2 Site Conditions

### 2.1 Site Walkover

A site walkover was undertaken in 02<sup>nd</sup> October 2015 by Soils Limited, the notes are presented in Table 2.1.

The site is located on the edge of Havant Town Centre, occupying a plot on the corner of New Lane and Eastern Road. The immediate locality includes two and three storey residential housing of varying sizes, styles and ages, derelict building structure with building material across the yard and Havant Building Serviced Limited to the east and a cemetery to the north. A grade II listed railway signal box lies to the south west. The site's most southerly edge borders Network Rail land beyond which is the railway line. Figures 4 and 5 shows former and current tanks and features onsite. Some tanks had been backfilled as presented in Figure 5. Only two above ground mounted tanks were still present onsite. The big workshop was probably the former Retort House. The repairs to the brickwork where the cast iron pipes, flues were removed could be seen on the wall. Depending on the plant used, the Retort House may have a backfilled basement or undercroft, and this could be backfilled with contaminated material.

The description of the Havant Station Signal Box Grade II located the south east boundary of the site that was taken from Taken the English Heritage Building Register is as follows:

*The Havant Station Signal Box Grade II was built in c1890 for the London, Brighton and South Coast Railway and was extended in c1938 for the Southern Railway to Large Type 5 Saxby and Farmer signal box.*

**Table 2.1 Site Walkover Record (On-site)**

|         |                                        |                                                                                                                                                                                                                                                                                                                                                                      |
|---------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| On-site | <b>Use of site</b>                     | The site is used for industrial usage.<br><b>North:</b> Metal fenced Scaffold hire and sales (TS Hire & Sales) company with three mobile cabins, used for offices, storage and the others).<br><br><b>West:</b> Three building structures (one used as workshop, one as offices and the other being refurbished for used as shop as revealed by an anecdotal source. |
|         | <b>Structures</b>                      | Building structures, two above ground tanks and trucks parked.                                                                                                                                                                                                                                                                                                       |
|         | <b>Site topography</b>                 | Variable; generally flat to the north of the site. To the north the site slopes slightly downward to the west toward the drainage running transversally to the west of the site.                                                                                                                                                                                     |
|         | <b>Site covering</b>                   | Concrete.                                                                                                                                                                                                                                                                                                                                                            |
|         | <b>Vegetation</b>                      | None onsite.                                                                                                                                                                                                                                                                                                                                                         |
|         | <b>Potential Contamination Sources</b> | Two tanks with filling stations, workshops and wastes (e.g. Drums, waste tyres).                                                                                                                                                                                                                                                                                     |
|         | <b>Odour</b>                           | None sensed.                                                                                                                                                                                                                                                                                                                                                         |
|         | <b>Drainage</b>                        | Surface water drains to the mains.                                                                                                                                                                                                                                                                                                                                   |

**Table 2.2 Site Walkover Record (Off-Site)**

|                 |                                        |                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Off-Site</b> | <b>Use of Land</b>                     | <b>North:</b> Cemetery beyond eastern road<br><b>West:</b> Beyond Fairfield Road: Residential and Havant Building Serviced Limited marked at the entrance of the residential property to the south: overgrown open space to the north<br><b>South:</b> Railway line<br><b>East :</b> Derelict building structure with building material to the North and grade 2 listed railway signal box to the south |
|                 | <b>Area topography</b>                 | Generally flat with depression in the railway line area.                                                                                                                                                                                                                                                                                                                                                |
|                 | <b>Vegetation</b>                      | Tress/Shrubs/grass in places (See aerial photo).                                                                                                                                                                                                                                                                                                                                                        |
|                 | <b>Potential Contamination Sources</b> | Cemetery, railway and railway signal box                                                                                                                                                                                                                                                                                                                                                                |
|                 |                                        |                                                                                                                                                                                                                                                                                                                                                                                                         |

## 2.2 Site Drainage

Surface water drained to the mains. It should be noted that the exact drainage arrangements for the entire site are unclear.

## 2.3 Site Photographs

The site photographs have been included within Appendix D.

## 2.4 Hampshire Record Office

Records archived within the Hampshire Record Office, Winchester, were researched in 2010. Unfortunately no records relating to the layout and operation of the gas works were available; however the Board of Trade session records from 1878 contained information relating to the proposed use by the Havant Gas Company of the adjoining land as follows:

*....a piece or parcel of land of a triangular shape situate in the said Parish of Havant, belonging to and in the occupation of the London and South Western Railway Company, bounded on the north by other land of the said Railway Company, on the south partly by the land of the Undertakers herein before described (i.e. the Havant Gas Company), and partly by the line of railway and other land of the said Railway Company, and on the west partly by the said land of the Undertakers herein before described, and partly by New Lane aforesaid, and containing by admeasurement 3630 square yards or thereabouts...*

In addition, the Board of Trade session 1879 included a letter to be sent to residents of nearby properties, which supports the above as follows:

*...to enable them to maintain and continue their present gasworks, and construct and maintain additional works for the manufacture of gas and the storage thereof on their existing lands ....and on the following land adjoining...a piece or parcel of land of a triangular shape, to be purchased by the Company by agreement, and containing by*

*admeasurement 3630 square yards, situate in the parish of Havant.... Bounded on the north by land of the Railway Company, on the south partly by the existing works of the Company, and partly by the line of the railway and other land of the said Railway Company, and on the west partly by the existing works of the Company, and partly by the said road or land there called the New-lane....*

These extracts suggested that the land immediately to the east of the site (the location of the gravel pit) was purchased by the Havant Gas Company sometime around 1879. No further records were available to confirm that the purchase took place, and no evidence on the historic maps referred to indicates that works associated with the gas works took place on the land, however the worst case assumption is that the gravel pit was used for disposal of gas works waste products.

## **2.5 National Gas Archive**

The National Gas Archive were consulted in 2010. The consultation revealed that they hold no records relating to the Site.

## **2.6 Local Authority Contaminated Land Officer**

In 2010, the Local Authority Contaminated Land Officer (CLO) provided a plan summarising information from their geographical information system as presented in Figure 4. This indicates that three gas holders have been present on site at various times between 1879 and 1933, however no other details relating to gas works features were recorded. In addition, above ground fuel tanks with distribution points and a below ground fuel storage tank are indicated, relating to the more recent history of the site as a depot.

Information relating to the adjacent gravel pit site indicates gravel extraction occurred from 1867 onwards, and the pit was infilled sometime before 1953.

## **2.7 Environment Agency**

During a telephone conversation with the Environment Agency officer who covers the Havant area, the EA advised Soils limited that the groundwater in the area was highly sensitive, and as the site was located up-gradient of the Source Protection Zone. It was understood that a detailed groundwater investigation was recommended in order to demonstrate that there has been no impact on the underlying Chalk aquifer from contamination present on the site.

## **Section 3      Geology, Hydrogeology, Hydrology and Radon**

### **3.1      Anticipated Geology**

The 1:50,000 BGS Geology map showed the site to be situated on the bedrock of the London Clay Formation to the North and Bognor Sand Member to the south with the superficial deposits of the River Terrace Deposits (undifferentiated) to the North and Head to the South overlying.

#### **3.1.1      River Terrace Deposits (undifferentiated) (North)**

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

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

#### **3.1.2      Head (Quaternary Period) (South)**

Head Deposit are drifts produced by solifluxion, the downslope movement of debris outwash during the periglacial period, and characteristically comprise poorly sorted sands gravels and chalk of local derivation.

#### **3.1.3      London Clay Formation (North)**

The London Clay Formation comprises a stiff grey fissured clay, weathering to brown near surface. Concretions of argillaceous limestone in nodular form (Claystones) occur throughout the formation. Crystals of gypsum (Selenite) are often found within the weathered part of the London Clay, and precautions against sulphate attack to concrete are sometimes required.

The lowest part of the formation is a sandy beds with black rounded gravel and occasional layers of sandstone and is known as the Basement Beds.

#### **3.1.4      Bognor Sand Member (Palaeogene Period) (South)**

The Bognor Sand Member is part of the London Clay Formation and is some 5-10m thick.

The BGS website describes the soils as 'glaucinitic bioturbated or cross-bedded fine- and medium-grained sands, partially cemented'

#### **3.1.5      BGS Borehole Location**

The details of the following BGS boreholes located within 250m of the site have been appended to this report:

- BGS borehole ID: 425509 : BGS Reference: SU70NW127, British National Grid (27700) : 472110,106580
- BGS ID: 425523 : BGS Reference: SU70NW141 at British National Grid (27700) : 472090,106620 and
- BGS ID: 425524 : BGS Reference: SU70NW142 at British National Grid (27700) : 472130,106610

The later borehole confirms the very stiff grey fine sandy fissured Clay with zones containing some fine gravel-size flints and black rounded fine to medium gravel-size stones to 5.10m bgl. The borehole shows a very hard layer of mudstone with numerous black rounded fine to medium gravel-size stones embedded that was difficult to penetrate at approximately 6.0m bgl.

### **3.2 Hydrogeology**

To assess the vulnerability of groundwater to contamination, consideration must be given to the leaching characteristics of the overlying soils and the characteristics of the strata in the unsaturated zone. Information on the geological strata, such as lithological type and permeability characteristics has been combined with the physical properties of the soil to produce varying degrees of vulnerability. Table 3.1 presents the hydrological data that is relevant to the site.

**Table 3.1 Hydrogeological Assessment**

| Hydrogeological Data                                                                                                                                                                                                                                                                      |             | Comment                                             | Risk Likely |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------|-------------|----|
|                                                                                                                                                                                                                                                                                           |             |                                                     | Yes         | No |
| On-site<br>Aquifers                                                                                                                                                                                                                                                                       | Superficial | Secondary Aquifer - A <sup>1</sup>                  | ✓           |    |
|                                                                                                                                                                                                                                                                                           | Bedrock     | Secondary Aquifer - A (S)                           | ✓           |    |
|                                                                                                                                                                                                                                                                                           |             | Unproductive Strata (N) <sup>2</sup>                |             |    |
| Groundwater Vulnerability                                                                                                                                                                                                                                                                 |             | Urban (U) with Soils of High Leaching Potential (H) | ✓           |    |
| Source Protection Zones (SPZ)                                                                                                                                                                                                                                                             |             | Zone 1c (Inner Protection Zone) onsite              | ✓           |    |
| Abstraction                                                                                                                                                                                                                                                                               | Potable     | None within 250m                                    |             | ✓  |
|                                                                                                                                                                                                                                                                                           | Non-potable | None within 250m                                    |             | ✓  |
| Sensitive land uses                                                                                                                                                                                                                                                                       |             | Nitrate Vulnerable Zones                            | ✓           |    |
| Surface Water Features                                                                                                                                                                                                                                                                    |             | 161m west                                           | ✓           |    |
| Flood Risk from Rivers or Seas                                                                                                                                                                                                                                                            |             | No flooding from rivers or sea without defences     |             | ✓  |
| <b>Note:</b> <sup>1</sup> Secondary Aquifers A are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers |             |                                                     |             |    |
| <sup>2</sup> Unproductive Strata are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow                                                                                                                            |             |                                                     |             |    |

Secondary aquifer designation was noted on site therefore, controlled water is considered vulnerable to potential contaminants that may be present.

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

### 3.3 Hydrology

The approximate elevation of the site was between 10.0-15.0m AOD (Above Ordnance Datum). The anticipated groundwater flow direction is given in Table 3.2.

**Table 3.2 Hydrogeological Assessment**

| Type          | Direction | Notes                              |
|---------------|-----------|------------------------------------|
| Surface water | West      | Toward the river located 161m West |
| Groundwater   | West      | Toward the river located 161m West |

### 3.4 Radon Gas

The site **was situated** within an area where protection or risk assessment against the ingress of radon was required. The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level. Radon protection measures **will not be required** within the proposed new development. It is not possible in the course of a survey or inspection to determine whether radon gas is present as the gas is colourless and odourless. Tests can be undertaken to assess the concentration of radon

in existing structures. Radon is a radioactive gas that occurs naturally. It has no taste, smell or colour; in fact, special devices are needed to detect it.

Radon is everywhere, usually at levels that pose negligible risk. When uranium decays, it becomes radium, and when radium decays, it becomes radon. Uranium is found in small quantities in all soil and rocks, but amounts vary from place to place. Variations are on a very small scale: there may be different levels of radon even between neighbouring buildings.

Radon rises from soil into the air; outdoors, radon is diluted and the risk it poses is negligible. When it stays in enclosed spaces, however, concentrations can build up. It should be emphasised when radon concentration is high, it does pose a serious risk to your health. Radioactive decay of radon forms particles called 'radon daughters', and if you breathe these in they damage your lung tissues. Health studies from around the world have linked radon and lung cancer. The lung cancer radon causes proceeds in exactly the same way as cancer caused by smoking.

The National Radiological Protection Board measures radon level in Becquerels per cubic metre (Bq/m<sup>3</sup>) of air, and has advised the Government that the level of 200 Bq/m<sup>3</sup> should be considered the Action Level (the level at which action should be taken to reduce radon concentration). Since 1994, the Building Regulations have required measures to be taken to prevent or limit the ingress of radon into any new dwelling in certain areas. The regulations also apply to any extension to a dwelling where the ground floor area of the extension is greater than 30 m<sup>2</sup>. This Action Level refers to the annual average concentration in a home, so radon measurements are carried out with two detectors (in a bedroom and living room) over three months, to average out short-term fluctuations. It is your average exposure to radon that matters. Short exposure to high levels is not important if over the long term your average exposure is low. This means that you have time to plan for the solution that is best for you, your house and your radon level.

But having found the best solution, you should implement it as soon as practical. It is best to stop radon entering a house or, if that is not possible, to try to remove it if it gets in. The aim in both cases should be to reduce indoor radon levels at least to significantly below the Action Level. There are six main ways to manage exposure:

- Install a radon sump system
- Improve ventilation under suspended timber floor
- Use positive ventilation in your house
- Seal cracks and gaps in solid concrete floors
- Change the way your house is ventilated
- Installation of membrane for radon protection

The environment search showed that no radon protection measures will not be required within the proposed new development. A risk assessment may be carried out for reassurance.



## Section 4 Site History

### 4.1 Historic Map Study

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

Maps only represent a “snap shot” of the site and its environs at the date of the survey. Changes that had occurred either to the site and/or the environs may well not have been recorded on the maps and could represent a hazard to the site.

Any distances quoted for features remote from the site have been scaled from the maps and are only approximate. Where dates have been noted in brackets, these are the actual dates applicable to the map editions.

The information reported might not represent all pertinent information that could be obtained.

The interpretation of the maps and/or other data commented on in this report is subjective.

In the following sections dealing with individual maps, only features considered to have a potential contaminative impact on the site and usually within a notional 250m radius are discussed. The north point and approximate extent of the site are indicated on each figure. The historic maps referred to are appended to this report (Appendix A).

Table 4.1 presents potential sources of pollution indicated from historic maps (Figure 3) and Table 4.2 shows the historic development of the site.

**Table 4.1 Potential Sources of Pollution Indicated from Historic Maps**

| Environ                     | Direction | Distance <sup>1</sup><br>(m) | Date Range |            |
|-----------------------------|-----------|------------------------------|------------|------------|
|                             |           |                              | From       | To         |
| Tank/gas works <sup>2</sup> | S         | 0                            | 1867       | 1897       |
| Depot                       | W         | 0                            | 1960       | 1993?      |
| Tank/gas works              | E         | 0                            | 1897       | 1932-1953? |
| Tank/gas works              | SE        | 0                            | 1898       | 1932-1953? |
| Gas works/Pit               | E         | 2                            | 1867?      | 1932-1953? |
| Pit (backfilled)            | E         | 4                            | 1867       | 1953       |
| Railway line                | S         | 14                           | 1866       | 2015       |
| Cemetery                    | NE        | 53                           | 1867       | 1993       |
| Pond                        | E         | 84                           | 1867       | 1953       |
| Timber yard                 | W         | 86                           | 1897       | 1932       |
| Cemetery                    | NE        | 96                           | 1867       | 1993       |
| Cutting (Road now)          | S         | 115                          | 1897       | 1986       |

|                     |    |     |      |      |
|---------------------|----|-----|------|------|
| Cutting (Road now)  | SE | 118 | 1897 | 1986 |
| Cutting (Road now)  | S  | 120 | 1897 | 1986 |
| Laundry             | SW | 141 | 1953 | 1960 |
| Builders yard       | SW | 168 | 1965 | 1973 |
| Electric Substation | E  | 168 | 1965 | 1973 |
| Electric Substation | NE | 171 | 1965 | 1993 |
| Warehouses          | W  | 198 | 1960 | 1993 |
| Works               | NE | 250 | 1960 | 1993 |

**Notes:** <sup>1</sup> Approximate distance to the site boundary and <sup>2</sup> with tar pits, effluent, tanks, lagoons and pumps, solid waste storage/disposal areas including Made Ground, process areas, Coal storage/breaking areas.

**Table 4.2 Historic Development of the Site**

| Site Development                                                | Date Range |       |
|-----------------------------------------------------------------|------------|-------|
|                                                                 | To         | From  |
| Open space                                                      | 1866       | 1867  |
| Building structure and tank like structure to the south         | 1867       | 1897  |
| Gas works with additional tank to the centre west               | 1897       | 1909  |
| Post office to the north with derelicts of the former gas works | 1909       | 1953  |
| Derelict building structure to the south west                   | 1953       | 1960  |
| Depot noted on the building structure to the south west         | 1960       | 1993? |

## Section 5 Environmental Records and Consultation

### 5.1 Dataset Information

A Landmark Envirocheck Report was obtained for the site by Soils Limited. A copy of the report is appended to this report (Appendix B) and a summary is given in Tables 5.1 and 5.2.

### 5.2 Site Sensitivity Maps

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

Table 5.2 presents the contemporary trade directory registered within 100m of the site and Table 5.3 geological hazards risk assessment carried out at the site.

**Table 5.1 Environmental Significance of Data**

| Source                                                                | Direction | Distance (m) | Maximum Radius (m) |
|-----------------------------------------------------------------------|-----------|--------------|--------------------|
| Contaminated Land Register Entries and Notices                        | None      | na           | 250                |
| Discharge Consents                                                    | W         | 167          | na                 |
| Integrated Pollution Prevention and Control                           | None      | na           | 250                |
| Local Authority Pollution Prevention and Controls                     | "         | "            | 250                |
| Local Authority Pollution Prevention and Control Enforcements         | "         | "            | 250                |
| Nearest Surface Water Feature                                         | W         | 161          | na                 |
| Pollution Incidents to Controlled Waters (Significant Incidents only) | W         | 138          | na                 |
| Prosecutions Relating to Authorized Processes                         | None      | na           | 250                |
| Registered Radioactive Substances                                     | "         | "            | 250                |
| River Quality                                                         | NW        | 125          | na                 |
| Substantiated Pollution Incident Register                             | None      | na           | 250                |
| Nearest potable abstraction point                                     | "         | "            | 250                |
| Nearest non-potable abstraction point                                 | "         | "            | 250                |
| Water Industry Act Referrals                                          | "         | "            | 250                |
| Source Protection Zones                                               | S         | Zone 1c      | na                 |
| Extreme Flooding from Rivers or Sea without Defenses                  | None      | na           | 250                |
| Flooding from rivers or sea without defenses                          | "         | "            | 250                |
| Areas benefiting from flood defenses                                  | "         | "            | 250                |
| Flood Water Storage Areas                                             | "         | "            | 250                |
| Flood Defenses                                                        | "         | "            | 250                |
| BGS Recorded Landfill Sites                                           | "         | "            | 250                |
| Historical Landfill Sites                                             | "         | "            | 250                |
| Licensed Waste Management Facilities                                  | S         | 0            | na                 |
| Local Authority Recorded Landfill Sites                               | None      | na           | 250                |
| Registered Landfill Sites                                             | "         | "            | 250                |
| Registered Waste Transfer Sites                                       | SW        | 0            | na                 |

| Source                                                      | Direction | Distance (m) | Maximum Radius (m) |
|-------------------------------------------------------------|-----------|--------------|--------------------|
| Registered Waste Treatment or Disposal Sites                | None      | na           | 250                |
| Control of Major Accident Hazards Sites (COMAH)             | “         | “            | 250                |
| Notification of Installations Handling Hazardous Substances | “         | “            | 250                |
| Planning Hazardous Substance Consents                       | “         | “            | 250                |

**Table 5.2 Contemporary Trade Directory**

| Contemporary Trade Directory within 100m <sup>1</sup> | Direction | Distance (m) | Status   |
|-------------------------------------------------------|-----------|--------------|----------|
| Builders' Merchants                                   | SW        | 0            | Inactive |
| Car Breakdown & Recovery Services                     | W         | 0            | Active   |
| Breakdown and Recovery                                | W         | 0            | Inactive |

**Note:** <sup>1</sup> Those likely to impact the underlying soil and/or groundwater, date not supplied. Most of these activities either (i) operate according to environmental guidance (i.e. environmental permitting or IPPC) therefore may not be considered as source of contamination, (ii) are remote from the site or (iii) are not located up gradient of the site therefore have not direct impact on identified receptors.

**Table 5.3 Geological Hazards**

| Source                                                       | Onsite/Risk Assessment |
|--------------------------------------------------------------|------------------------|
| Non Coal Mining Affected Areas                               | No Hazard              |
| Mining Instability                                           | None                   |
| Natural and Mining Cavities                                  | None                   |
| Potential For Collapsible Ground Stability Hazards           | Low                    |
| Potential For Compressible Ground Stability Hazards          | No Hazard              |
| Potential For Ground Dissolution Stability Hazards           | No Hazard              |
| Potential For Landslide Ground Stability Hazards             | Very Low               |
| Potential For Running Sand Ground Stability Hazards          | Low                    |
| Potential For Shrinking or Swelling Ground Stability Hazards | Low                    |
| Shallow Mining Hazards                                       | No Hazard              |

### 5.3 Soil Geochemistry

Potential levels of metals including lead, arsenic, cadmium, chrome and nickel contoured in the area as shown on the Landmark Environmental check report (Appendix B) were assessed against the appropriate environmental quality standards (e.g. SGV) for the sites proposed end use. The results are indicated in Table 5.4. The results show no risk to identified receptors for contaminants presented. Should the proposed land use change then the recommendations given in the report would be likely to change.

**Table 5.4 Soil Geochemistry**

| <b>Determinand</b> | <b>Most Sensitive Proposed Land Use</b> | <b>Indicated Soil Geochemistry (mg kg<sup>-1</sup>)</b> | <b>Soil Guideline For Residential (mg kg<sup>-1</sup>)</b> | <b>Potential Hazard</b> |           |
|--------------------|-----------------------------------------|---------------------------------------------------------|------------------------------------------------------------|-------------------------|-----------|
|                    |                                         |                                                         |                                                            | <b>Yes</b>              | <b>No</b> |
| Lead               | Residential with plant uptake           | <150                                                    | 200                                                        |                         | ✓         |
| Arsenic            |                                         | 15                                                      | 37                                                         |                         | ✓         |
| Cadmium            |                                         | <1.8                                                    | 26                                                         |                         | ✓         |
| Chromium           |                                         | 60-90                                                   | 910                                                        |                         | ✓         |
| Nickel             |                                         | 15 - 30                                                 | 130                                                        |                         | ✓         |

**Notes:** <sup>1</sup> Soil guideline value for 1% and 6% SOM respectively. Other soils guidelines presented in the table are based on soils with 6% SOM.

Please note that there are only a limited number of land uses for which data on determinands have been published or can be readily determined.

#### **5.4 Unexploded Ordnance (UXO)**

As explained in CIRIA Guideline C681 (CIRIA, 2009) for the construction industry, Unexploded Ordnance may be encountered in many part of the country and cost Health and Safety risk to human health and building structures. For health and safety purposes, a preliminary risk assessment may be carried out as to protect construction workers.

The risk management process is divided in four part including; (1) preliminary risk assessment (2) detailed risk assessment, (3) risk mitigation and (4) implementation. Risk to human health is likely to be very low if no disturbances of the ground will be carried out as part of the development.

During the WWII many defensive establishments, cities and towns throughout UK were subjected to bombing campaigns, which resulted in extensive damage infrastructures including railway, associated industrial areas and military installations. The German Luftwaffe mainly achieved this destruction by deploying High Explosive and Incendiary bombs.

Most of the unexploded bombs (UXBs) were dealt with by Army Bomb Disposal Services during the war; however a proportion did penetrate the ground unnoticed. These were only encountered many years later.

In recent decades there have been several incidents in Europe where Allied UXBs have been detonated with at least three incidents causing fatalities. Although no fatal incidents related to UXB has occurred in UK in recent years, data from the Explosive Ordnance Disposal industry show that from 2006 to 2009 approximately 15,000 items of ordnance ranging from aerial delivered bombs to Land Service Ammunition (such as mortar rounds and grenades) have been removed from construction sites. Of that total, it is estimated that about 5% were live and still fully functioning. The number of items of small arms ammunition recovered during this period possibly runs into tens of thousands.

UXO risk is generally low in the UK and a risk assessment may be carried out for reassurance and to protect site workers.

## Section 6 Discussion and Conclusions

### 6.1 General

The findings of the Phase I Desk Study are summarised below:

1. The 1:50,000 BGS map showed the site to be situated on London Clay Formation to the North and Bognor Sand Member to the south with the superficial deposits of the River Terrace Deposits (undifferentiated) to the North and Head to the South overlying.
2. The Environment Agency Hydrogeological Maps showed that both the bedrock Bognor Sand Member to the south and the superficial River Terrace Deposits (undifferentiated) had also a secondary A designation. The overall groundwater vulnerability was soils of Soils of High Leaching Potential (U) (i.e. Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise).
3. Surface water Groundwater was anticipated to flow to the west toward the surface water located 161m away.
4. Environment Agency records showed that the site was not at risk of flooding from rivers or seas.
5. Any suspicious ground conditions encountered during groundworks must be reported to a competent person for further inspection.
6. Summary of potential on-site contamination sources identified during the study of the historic maps, the Dataset Information and Landmark Envirocheck Report and the Site Walkover are outlined in Table 6.1.

**Table 6.1 Summary of Potential Contamination Sources**

|         | Sources/Environmental Impact         | Direction <sup>1</sup> | Distance (m) | Date Range              |       | Source |
|---------|--------------------------------------|------------------------|--------------|-------------------------|-------|--------|
|         |                                      |                        |              | From                    | To    |        |
|         | Gas works                            | -                      | 0            | 1867                    | 1953? | DS/MH  |
|         | Garage services with tanks           | S                      | 0            | 1953?                   | 2015  | SW/HM  |
|         | Licensed Waste Management Facilities | S                      | 0            | Not supplied (Active)   |       | DS     |
|         | Registered Waste Transfer Sites      | SW                     | 0            | Not supplied (Active)   |       | DS     |
|         | Builders' Merchants                  | SW                     | 0            | Not supplied (Active)   |       | DS     |
|         | Car Breakdown & Recovery Services    | W                      | 0            | Not supplied (Active)   |       | DS     |
| On Site | Breakdown and Recovery               | W                      | 0            | Not supplied (Inactive) |       | DS     |
|         | Depot                                | W                      | 0            | 1960                    | 1993? | HM     |

|          | Sources/Environmental Impact | Direction <sup>1</sup> | Distance<br>(m) | Date Range |            | Source |
|----------|------------------------------|------------------------|-----------------|------------|------------|--------|
|          |                              |                        |                 | From       | To         |        |
|          | Gas works/Pit                | E                      | 2               | 1867?      | 1932-1953? | HM     |
|          | Pit (backfilled)             | E                      | 4               | 1867       | 1953       | HM     |
|          | Railway line                 | S                      | 14              | 1866       | 2015       | HM     |
|          | Cemetery                     | NE                     | 53              | 1867       | 1993       | HM     |
|          | Pond                         | E                      | 84              | 1867       | 1953       | HM     |
|          | Timber yard                  | W                      | 86              | 1897       | 1932       | HM     |
|          | Cemetery                     | NE                     | 96              | 1867       | 1993       | HM     |
|          | Cutting (Road now)           | S                      | 115             | 1897       | 1986       | HM     |
|          | Cutting (Road now)           | SE                     | 118             | 1897       | 1986       | HM     |
|          | Cutting (Road now)           | S                      | 120             | 1897       | 1986       | HM     |
|          | Laundry                      | SW                     | 141             | 1953       | 1960       | HM     |
|          | Builders yard                | SW                     | 168             | 1965       | 1973       | HM     |
|          | Electric Substation          | E                      | 168             | 1965       | 1973       | HM     |
| Off Site | Electric Substation          | NE                     | 171             | 1965       | 1993       | HM     |
|          | Warehouses                   | W                      | 198             | 1960       | 1993       | HM     |
|          | Works                        | NE                     | 250             | 1960       | 1993       | HM     |

**Notes:** SW – Site walkover  
HM – Historic Maps  
DS – Datasheet



## Section 7 Preliminary Conceptual Site Model

### 7.1 General

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

### 7.2 Sources of Contamination

From the study of the Landmark Envirocheck Report and Site Walkover the Phase I Desk Study has assessed and outlined potential contaminative sources (Table 6.1). Initial assessment of the likelihood each contaminative source poses a hazard to the site are considered in Sections 7.2.1 – 7.2.3.

#### 7.2.1 Onsite Potential Contamination Sources

Map evidence (Figure 3), study of Landmark Envirocheck Report and Site Walkover showed the following potentially contaminative sources, given in Table 7.1.

**Table 7.1 Onsite Potential Contamination Sources**

| Sources                                                   | Likelihood |                       |
|-----------------------------------------------------------|------------|-----------------------|
|                                                           | Likely     | Unlikely <sup>1</sup> |
| Gas works                                                 | ✓          |                       |
| Garage services with tanks/ Breakdown & Recovery Services | ✓          |                       |
| Licensed Waste Management Facilities                      | ✓          |                       |
| Registered Waste Transfer Sites                           | ✓          |                       |
| Builders' Merchants                                       | ✓          |                       |

#### 7.2.2 Offsite Potential Contamination Sources

Map evidence, study of Landmark Envirocheck Report and Site Walkover showed the following potentially contaminative sources, given in Table 7.2.

**Table 7.2 Offsite Potential Contamination Sources**

| Sources          | Direction | Distance (m) | Likelihood |                       | Reasoning                                                                                                         |
|------------------|-----------|--------------|------------|-----------------------|-------------------------------------------------------------------------------------------------------------------|
|                  |           |              | Likely     | Unlikely <sup>1</sup> |                                                                                                                   |
| Gas works/Pit    | E         | 2            | ✓          |                       | Proximity to the site                                                                                             |
| Pit (backfilled) | E         | 4            | ✓          |                       |                                                                                                                   |
| Railway line     | S         | 14           | ✓          |                       |                                                                                                                   |
| Cemetery         | NE        | 53           |            | ✓                     | Those likely to impact the underlying soil and/or groundwater, date not supplied. Most of these activities either |
| Pond             | E         | 84           |            | ✓                     |                                                                                                                   |
| Timber yard      | W         | 86           |            | ✓                     |                                                                                                                   |
| Cemetery         | NE        | 96           |            | ✓                     |                                                                                                                   |

| Sources             | Direction | Distance (m) | Likelihood |                       | Reasoning                                                                                                                                                                                                                                                                                    |
|---------------------|-----------|--------------|------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |           |              | Likely     | Unlikely <sup>1</sup> |                                                                                                                                                                                                                                                                                              |
| Cutting (Road now)  | S         | 115          |            | ✓                     | (i) operate according to environmental guidance (i.e. environmental permitting or IPPC) therefore may not be considered as source of contamination, (ii) are remote from the site or (iii) are not located up gradient of the site therefore have not direct impact on identified receptors. |
| Cutting (Road now)  | SE        | 118          |            | ✓                     |                                                                                                                                                                                                                                                                                              |
| Cutting (Road now)  | S         | 120          |            | ✓                     |                                                                                                                                                                                                                                                                                              |
| Laundry             | SW        | 141          |            | ✓                     |                                                                                                                                                                                                                                                                                              |
| Builders yard       | SW        | 168          |            | ✓                     |                                                                                                                                                                                                                                                                                              |
| Electric Substation | E         | 168          |            | ✓                     |                                                                                                                                                                                                                                                                                              |
| Electric Substation | NE        | 171          |            | ✓                     |                                                                                                                                                                                                                                                                                              |
| Warehouses          | W         | 198          |            | ✓                     |                                                                                                                                                                                                                                                                                              |
| Works               | NE        | 250          |            | ✓                     |                                                                                                                                                                                                                                                                                              |

**Note:** <sup>1</sup> Sources are marked as 'Unlikely' if the hazard to the site was considered negligible. These considerations are based on type of contamination, age of source, anticipated significance and taking account of the source distance from the site.

### 7.2.3 Potential Contamination

From the Risk Assessment in Tables 7.1 and 7.2, the main groups of contaminants are presented in Table 7.3.

**Table 7.3 Potential Contaminants or Properties**

| Contaminants/Chemical Properties For Testing <sup>1</sup> |                                                 | Potential Contaminative Sources | Hazard |
|-----------------------------------------------------------|-------------------------------------------------|---------------------------------|--------|
| P1                                                        | Ammonia & ammoniacal liquors                    | Gas works                       | ✓      |
| P2                                                        | Asbestos                                        | Building material               | ✓      |
| P3                                                        | De-icing agents, fire-fighting chemical         | All sources                     | ✓      |
| P4                                                        | Pesticides                                      |                                 |        |
| P5                                                        | Metals and semi-metals (e.g. arsenic, chromium) | All sources                     | ✓      |
| P6                                                        | Non-chlorinated solvents                        |                                 |        |
| P7                                                        | Organic compounds (e.g. PAHs and TPHs)          | All sources                     | ✓      |
| P8                                                        | Organic solvents (e.g. chlorinated solvents)    | All sources                     | ✓      |
| P9                                                        | Polychlorinated Biphenyl (PCBs)                 |                                 |        |
| P10                                                       | Sulphate                                        |                                 |        |
| P11                                                       | Pathogens                                       |                                 |        |
| P12                                                       | Radioactive                                     |                                 |        |
| P13                                                       | Soil gas                                        | Infilled ground                 | ✓      |

**Note:** <sup>1</sup> Based on DOE industrial profiles or on knowledge of the processes involved in the activity carried out on site.  
P=Properties

### 7.3 Potential Pathways

A pathway is a route or routes by which a receptor is exposed to a contamination source. Pathways can also determine the likelihood of the contamination source contacting a receptor.

Anthropogenic (or artificial) pathways for contaminant migration can be present in the form of land drains etc. Leaking sewage supply pipes and site drainage could also provide pathways for potential contaminant migration. Granular backfill to trenches for cables, gas pipes, water pipes etc. can also provide pathways for movement of mobile contaminants and contaminated groundwater.

The potential geological pathways are given in Table 7.4. Table 7.5 shows on-site sources, pathways and potential receptors.

**Table 7.4 Potential Soil Migration Pathways**

| Strata               | Pathway | Non- Pathway |
|----------------------|---------|--------------|
| Superficial Deposits | ✓       |              |
| Bedrock              | ✓       |              |

Only sources onsite or up hydraulic gradient to the site were considered to pose a risk to site.

**Table 7.5 On-site Sources, Pathways and Potential Receptors**

| Type of Attack | Standard Exposure Pathways                                | Factors                                                                   | Site Assessment |          | Risk To Potential Receptors |    |    |                                    |
|----------------|-----------------------------------------------------------|---------------------------------------------------------------------------|-----------------|----------|-----------------------------|----|----|------------------------------------|
|                |                                                           |                                                                           | Likely          | Unlikely | HH                          | BS | EF | Controlled water (SW, GW, SPZ & A) |
| Oral           | Direct soil and dust ingestion                            | Contaminants & Soft landscaping areas                                     | ✓               |          | ✓                           |    |    |                                    |
|                | Consumption of home-grown produce                         | Contaminants & Gardens areas                                              | ✓               |          | ✓                           |    |    |                                    |
| Dermal         | Dermal contact                                            | Contaminants & Soft landscaping areas                                     | ✓               |          | ✓                           |    |    |                                    |
| Inhalation     | Inhalation of dust (indoor and outdoor)                   | Contaminants & Soft landscaping areas                                     | ✓               |          | ✓                           |    |    |                                    |
|                | Inhalation of vapours (indoor and outdoor)                | Volatile compounds & Soft landscaping areas                               | ✓               |          | ✓                           |    |    |                                    |
|                | Inhalation of soil gases                                  | Soil gases (e.g. CH <sub>4</sub> and CO <sub>2</sub> , VOC) within 0-250m | ✓               |          | ✓                           |    |    |                                    |
| Physical       | Fire and explosion <sup>1</sup>                           | UXO (e.g. Bombs or projectile sites) (0-250m) <sup>2</sup>                |                 | ✓        |                             |    |    |                                    |
|                |                                                           | Combustible material in soil                                              |                 | ✓        |                             |    |    |                                    |
|                |                                                           | Soil gases (VOC) within 0-250m                                            | ✓               |          | ✓                           | ✓  |    |                                    |
|                | Via anthropogenic pathways (services trenches)            | Contaminants & Trenches or drainage onsite                                |                 | ✓        |                             |    |    |                                    |
|                | Others physical pathways <sup>3</sup>                     | Degradation of fills, blast... etc...                                     |                 | ✓        |                             |    |    |                                    |
|                |                                                           |                                                                           |                 |          |                             |    |    |                                    |
| Chemical       | Location of service supply pipes in contaminated soils    | Hydrocarbons & Pipes                                                      | ✓               |          |                             |    | ✓  |                                    |
|                | Direct contact of concrete with concrete aggressive soils | Sulphate, Acids & Concrete                                                | ✓               |          |                             |    | ✓  |                                    |
| Others         | Irradiation <sup>4</sup>                                  | Radon                                                                     |                 | ✓        |                             |    |    |                                    |
|                |                                                           | Radioactive materials                                                     |                 | ✓        |                             |    |    |                                    |
|                |                                                           | UXO within 0-250m                                                         |                 | ✓        |                             |    |    |                                    |
|                | Via surface water runoff                                  | Contaminants & Gradient (Area)                                            | ✓               |          |                             |    | ✓  | ✓                                  |
|                | Migration downwards via granular soils                    | Contaminants & Drift: Principal/secondary                                 | ✓               |          |                             |    | ✓  | ✓                                  |
|                | Migration downwards via permeable soils and bedrock       | Contaminants & Bedrock: Principal/secondary                               | ✓               |          |                             |    | ✓  | ✓                                  |
|                |                                                           | Contaminants & Groundwater vulnerability: Principal/secondary             | ✓               |          |                             |    | ✓  | ✓                                  |
|                | Plant uptake and phytotoxicity <sup>5</sup>               | Metallic contaminants                                                     | ✓               |          |                             |    | ✓  | ✓                                  |
|                |                                                           | Soil gases within 0-250m                                                  | ✓               |          |                             |    | ✓  | ✓                                  |
|                | Plant uptake and ecotoxicological effects <sup>6</sup>    | Contaminants                                                              | ✓               |          |                             |    | ✓  | ✓                                  |

**Notes:** BS= Building Structures & services. EF= Ecological Features, Controlled water (SW= Surface Water, GW=Groundwater, SPZ=Source Protection Zone and A= Abstractions within 250m to the site), HH=Human Health, ✓ = Likely and x=Unlikely.

<sup>1</sup> Both underground fires and biodegradable may produce toxic or flammable gases;

<sup>2</sup> UXO= Unexploded Ordnance: Although risk is generally low in the UK, a risk assessment (i.e. using Find map for example) may be needed if an UXO is found onsite,;

<sup>3</sup> Blast-furnace and steel-making slag may expand. Degradation of fills may cause settlement and voids in buried tanks and drums may collapse as corrosion occurs or under loading;

<sup>4</sup> Radioactive materials emitting gamma rays that can be inhaled and absorbed through the skin and also cause a radiation response;

<sup>5</sup> Prevention or inhibition of plant growth;

<sup>6</sup> Contaminants in soil may affect microbial, animal and plant populations. Ecosystems or individual species on the site, in surface waters or areas affected by migration from the site may be indirectly affected.

---

**Table 7.6 Off-site Potential Pathways**

| <b>Receptors</b>                                  | <b>Off-Site Potential Pathways</b>                | <b>Likely</b> | <b>Unlikely</b> |
|---------------------------------------------------|---------------------------------------------------|---------------|-----------------|
| Human Health<br>Building Materials                | Migration via surface water runoff (Surface flow) | ✓             |                 |
| Human Health<br>Building Materials                | Migration via air                                 | ✓             |                 |
| Groundwater<br>Human Health<br>Building Materials | Migration via groundwater flows                   |               | ✓               |

## 7.4 Potential Receptors

With respect to land contamination, potential receptors include human health, ecological features, controlled waters, and buildings and materials.

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

The assessment for potential receptors at the site is shown in Table 7.7.

**Table 7.7 Potential Receptors**

| <b>Potential Receptor</b>     |                                         | <b>Present</b> |                 |
|-------------------------------|-----------------------------------------|----------------|-----------------|
|                               |                                         | <b>Likely</b>  | <b>Unlikely</b> |
| Human Health                  | Future users of the site                | ✓              |                 |
|                               | Visitors to the site                    | ✓              |                 |
|                               | Construction workers on site            | ✓              |                 |
|                               | Service and maintenance workers         | ✓              |                 |
|                               | Site neighbours and wider public        | ✓              |                 |
| Groundwater/Controlled Waters | Groundwater/Future Potable Water Supply | ✓              |                 |
|                               | Surface Water                           | ✓              |                 |
| Buildings & Materials         | Construction materials                  | ✓              |                 |
|                               | Buildings and confined spaces           | ✓              |                 |
| Ecosystems                    | Flora and fauna in surface water        | ✓              |                 |

## 7.5 Preliminary Risk Assessment

A preliminary risk assessment has been undertaken relating to the potential proposed development based on a qualitative assessment of the likely presence of a pollutant linkage. A pollutant linkage is the relationship between a contaminant source, a pathway and a receptor. Unless all three elements of a pollutant linkage are present, a risk is not considered to exist. Each of the three elements was considered in Sections 7.2, 7.3 and 7.4.

The approach adopted was to screen the site based on assigning a risk category. The preliminary risk assessment is presented in Table 8.7 with the risk assessment criteria attached to this report (Appendix E).

**Table 7.8 Risk Assessment**

| <b>Environs</b>                                           | <b>Direction</b> | <b>Distance (m)<sup>1</sup></b> | <b>Pathway</b> | <b>Receptor</b> | <b>Risk</b>   |
|-----------------------------------------------------------|------------------|---------------------------------|----------------|-----------------|---------------|
| Gas works                                                 | na               | 0                               | ✓              | ✓               | <b>Medium</b> |
| Garage services with tanks/ Breakdown & Recovery Services | na               | 0                               | ✓              | ✓               | <b>Medium</b> |
| Licensed Waste Management Facilities                      | na               | 0                               | ✓              | ✓               | <b>Medium</b> |
| Registered Waste Transfer Sites                           | na               | 0                               | ✓              | ✓               | <b>Medium</b> |
| Builders' Merchants                                       | na               | 0                               | ✓              | ✓               | <b>Medium</b> |
| Gas works/Pit                                             | E                | 2                               | ✓              | ✓               | <b>Medium</b> |
| Pit (backfilled)                                          | E                | 4                               | ✓              | ✓               | <b>Low</b>    |
| Railway line                                              | S                | 14                              | ✓              | ✓               | <b>Low</b>    |

**Notes:** <sup>1</sup> Approximately from boundary of the site.

The classification tables are presented in Appendix E are modified from, 'Contaminated land risk assessment: A guide to good practice, 2001, CIRIA C552'.

## **7.6 Preliminary Conceptual Site Model**

The preliminary conceptual site model, including linkages that require further actions, is presented in Table 7.8 and the reasoning behind the decision taken shown in Table 7.9. A schematic representation of the site conceptual model has been appended to this report (Appendix F).

**Table 7.9 Preliminary Conceptual Site Model and Risk Assessment Methodology**

| Linkage No                                      | Potential Contaminants (See Table 8.3) | Pathway (See Tables 8.4 & 8.5)                                                         | Receptor (See Table 8.6)                   | Risk Assessment Methodology (plus anticipated quantitative risk assessment methods)                                                                                                                                         | Site specific settings                                                                                      | Risk Classification: Based on Desk Study | Pollutant Linkage & Action Required          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|
| 1                                               | P1, P3, P5,P7,P8, P13                  | e.g. Uptake (root and stomata), ingestion, inhalation and dermal absorption by animal) | Ecological features (i.e. Flora and Fauna) | Presence of SSSI, Museum, Natural reserves and others within 0- 250m to the site. Use EA Science Report                                                                                                                     | No significant receptors located within 250m of the site                                                    | None                                     | No action needed                             |
| 2                                               | P1, P3, P5,P7,P8,                      | e.g. Chemical attack                                                                   | Building structures/services               | Soil testing & use BRE 2005 for risk assessment. Water UK (2014) for pipes. Use Anglian Water trigger for services risk assessment                                                                                          | Proposed foundation and water services                                                                      | Medium                                   | Phase II Intrusive site investigation needed |
| 3                                               | P1, P2, P3, P5,P7,P8,P13               | e.g. Inhalation                                                                        | Human health Site residents                | Use CLEA for human risk assessment                                                                                                                                                                                          | Residential development                                                                                     | Medium                                   | Phase II Intrusive site investigation needed |
|                                                 |                                        | ingestion and dermal contact                                                           | Human Health Workers                       | Assessment not within the scope of this Desk study (responsibility of building contractor). Ground workers should follow regulations on health and safety during development (HSE, 1991)                                    | Workers and the general public should follow regulation on health and safety during development (HSE, 1991) | Low                                      | Phase II Intrusive site investigation needed |
| 4                                               | P1, P3, P5,P7,P8,                      | e.g. Leaching (direct precipitation, overland flow and through flow)                   | Shallow groundwater/ Surface Water         | Assess distance from watercourse and direction of flow – Consider use of R&D 20 publication and EA remediation target for risk assessment                                                                                   | Secondary Aquifer A and SPZ 1c                                                                              | Medium                                   | Phase II Intrusive site investigation needed |
| 5                                               | P1, P3, P5,P7,P8,                      | e.g. Leaching (direct precipitation, overland flow, through and groundwater flow)      | Deep groundwater                           | Undertake groundwater or leachate testing depending on site specific ground conditions. – Consider use of R&D 20 publication and EA remediation target for risk assessment if contamination is identified.                  | Secondary Aquifer A                                                                                         | Medium                                   | Phase II Intrusive site investigation needed |
| 6                                               | P7,P13                                 | e.g. Through fissures, shafts, high permeability strata and inhalation by human        | Human and Building Structures              | Current or former Landfill sites within 0-250m to the site. Assess nature/age/size of site for Risk Assessment. Use CIRIA 149 & 665 to assess need for gas protection measures where necessary following ground gas testing | Possible soil gas and VOCs emission                                                                         | Low                                      | Phase II Intrusive site investigation needed |
| <b>Note:</b> HSE = Health and Safety Executive; |                                        |                                                                                        |                                            |                                                                                                                                                                                                                             |                                                                                                             |                                          |                                              |



**Table 7.10 Reasoning Behind Risk Assessment**

| <b>Linkage No</b> | <b>Receptor</b>                                                                             | <b>Reasoning</b>             |
|-------------------|---------------------------------------------------------------------------------------------|------------------------------|
| 1                 | Ecological features (i.e. Flora and Fauna)                                                  | No further actions needed.   |
| 2                 | Building structures/services                                                                | Pollutant linkages may exist |
| 3                 | Human health residents<br>Human Health workers                                              | Pollutant linkages may exist |
| 4                 | Surface Water                                                                               | Pollutant linkages may exist |
| 5                 | Groundwater                                                                                 | Pollutant linkages may exist |
| 6                 | Human and Building Structures: Possible CH <sub>4</sub> , CO <sub>2</sub> and VOCs emission | Pollutant linkages may exist |

The intrusive investigation may reveal on site sources of contamination that were not established by the Phase I Desk Study and Site Walkover that could modify the Conceptual Site Model.

## Section 8 Recommendations

### 8.1 General

Based on the information obtained during the desk study and the preliminary conceptual site model derived for the site, an intrusive contaminated land investigation may be required. Possible pollutant linkages exist with reference to human health, building structures and controlled waters. Any planned intrusive site investigation must be carried out in accordance with the methodologies detailed in CLR11: Model Procedures for the Management of Land Contamination.

All waste found onsite must be disposed of according to waste management guidelines and an appropriate and competent person must be informed if further tanks are discovered during demolition or construction.

All the uncovered tanks and interceptors' onsite must be managed according the appropriate procedures. There is a high risk of pollution during the installation, decommissioning and removal of underground storage tank systems. The tanks include those containing petroleum, diesel, fuel oil, waste oil, domestic heating oil and other potentially polluting materials such as organic solvents. These also includes any tank that is partially above ground but covered with earth, and any tank in a vault or basement where its base and sides cannot be inspected. All tanks planned for removal must be decommissioned according to guidelines including the published guideline PPG 27 for underground tank systems and PPG2 for above ground oil storage tanks. If tanks and interceptors are uncovered, all excavations made must be validated to demonstrate that no unacceptable levels of contaminants are present.

Any Asbestos containing material discovered onsite must be removed and managed according to appropriate waste management guidelines.

The geotechnical intrusive investigation may reveal on-site sources of contamination that were not established by the Phase I Desk Study and Site Walkover, and thus require modification of the conceptual model.

### 8.2 Impact of Construction Activities on Controlled Water and Site Neighbours

A construction risk assessment must be undertaken and appropriate measures taken to mitigate against mobilisation and to monitor impact to groundwater and surface waters.

### 8.3 Proposed Further Site Works

The proposal is a combined environmental and geotechnical Intrusive Site Investigation (Table 8.1) in order to obtain further information about the site conditions.

#### 8.3.1 Phase II Intrusive Investigation

The Preliminary CSM allows for the identification of the test parameters relevant to the investigation, though this may require modification or addition from the findings

of the intrusive investigation. Phase II intrusive site investigation will be carried out in order to investigate and assess pollutant linkages identified in the preliminary Conceptual Site Model presented in Table 7.9.

The works to be undertaken on the site would comprise (i) soil sampling that is appropriate to the potential sources and (ii) testing for the potential contaminants given in the CSM or other sources identified during the intrusive investigation.

### **8.3.2 Geotechnical Site Investigation**

The purpose of the geotechnical investigation will be to obtain data regarding engineering properties of the soils to enable the design of foundations, concrete, pavements and drainage.

The works to be undertaken on the site would comprise (i) soil sampling, (ii) drilling boreholes with window sampler and at selected locations within the site and (iii) probing using either DPH or DPSH and/or a cable percussion drilling rig to establish foundation design parameters.

**Table 8.1 Proposed Further Works**

| <b>Further works</b>                                   | <b>Environmental<br/>Phase II Intrusive<br/>Site<br/>Investigation</b> | <b>Geotechnical<br/>Site<br/>Investigation</b> | <b>General Purpose</b>                                                                                           |
|--------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Soil sampling                                          | ✓                                                                      | ✓                                              | To enable laboratory testing on samples collected                                                                |
| In situ or laboratory soils testing                    | ✓                                                                      | ✓                                              | Determine the nature and extent of contamination across the site<br>Engineering parameters for foundation design |
| Generic and/ or site specific risk assessment          | ✓                                                                      | ✓                                              | Assess pollutant Linkages (Table 7.9) based on current contaminated land guidance                                |
| Drilling boreholes with window sampler across the site | ✓                                                                      | ✓                                              | Determine the nature of the ground                                                                               |
| Borehole well installation                             |                                                                        | ✓                                              | If groundwater is encountered on site and requires monitoring.                                                   |
| Remediation                                            | ✓                                                                      |                                                | If intrusive investigation and site specific risk assessment reveal that the site was contaminated               |
| Soils testing for validation                           | ✓                                                                      |                                                | If remediation was carried out on site                                                                           |
| Probing using either DPH or DPSH                       |                                                                        | ✓                                              | Establish foundation design and engineering parameters for foundation design                                     |

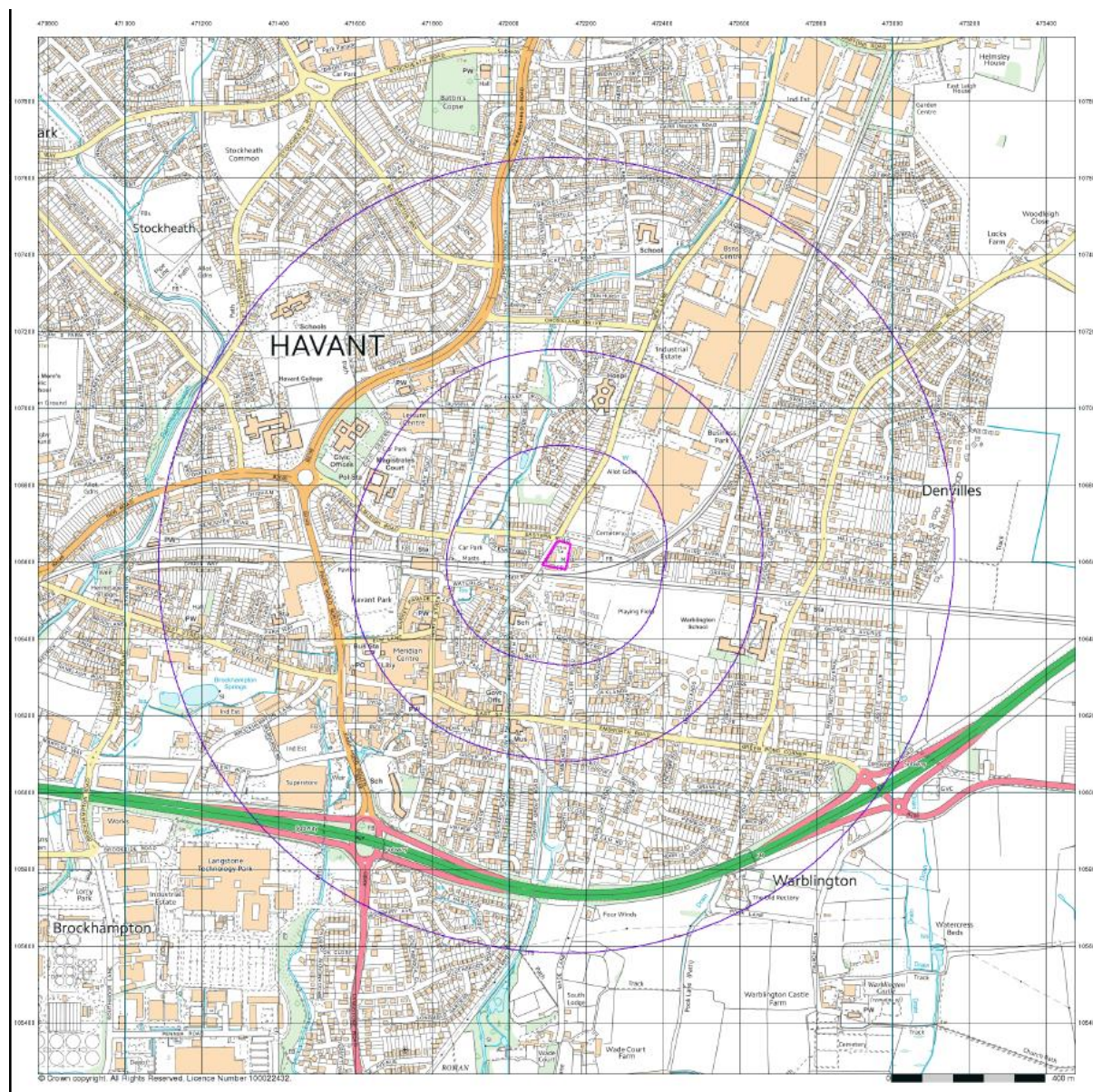
#### 8.4 Discovery Strategy

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

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

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

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



Scale: NTS

**Figure number**

1

**Title**

Site Location Map

**Project**

Former Town Gas Works, 8 New Lane, Havant,  
Hampshire PO9 2JJ

**Date**

October 2015

**Client**

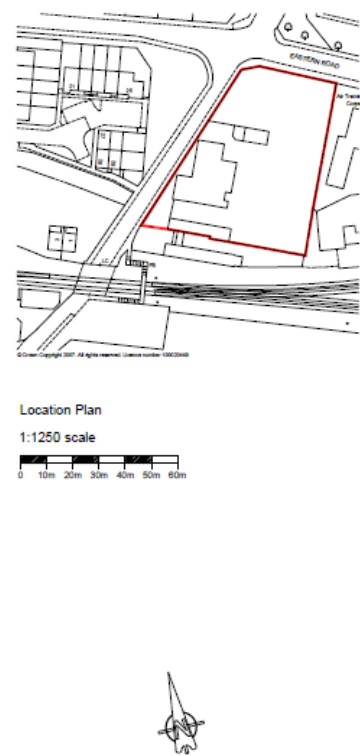
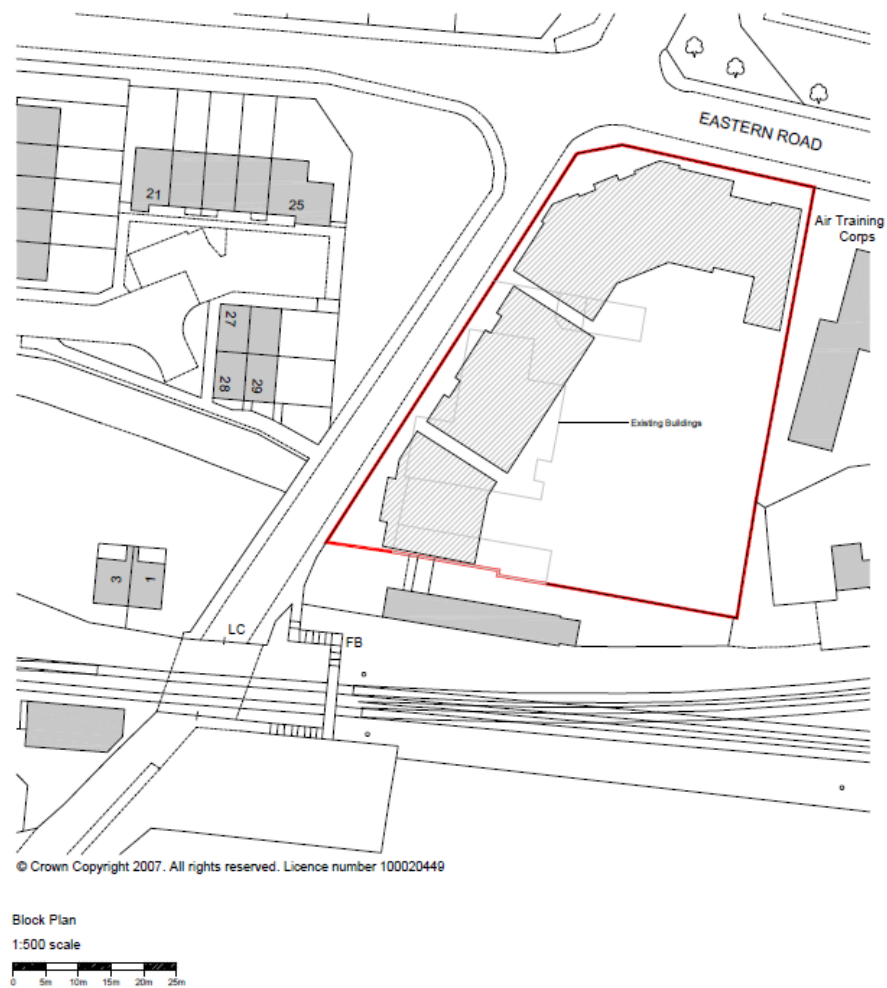
Days Estates

**Reference**

15214







**Figure number**  
2

**Project**  
Former Town Gas Works, 8 New Lane, Havant, Hampshire PO9 2JJ

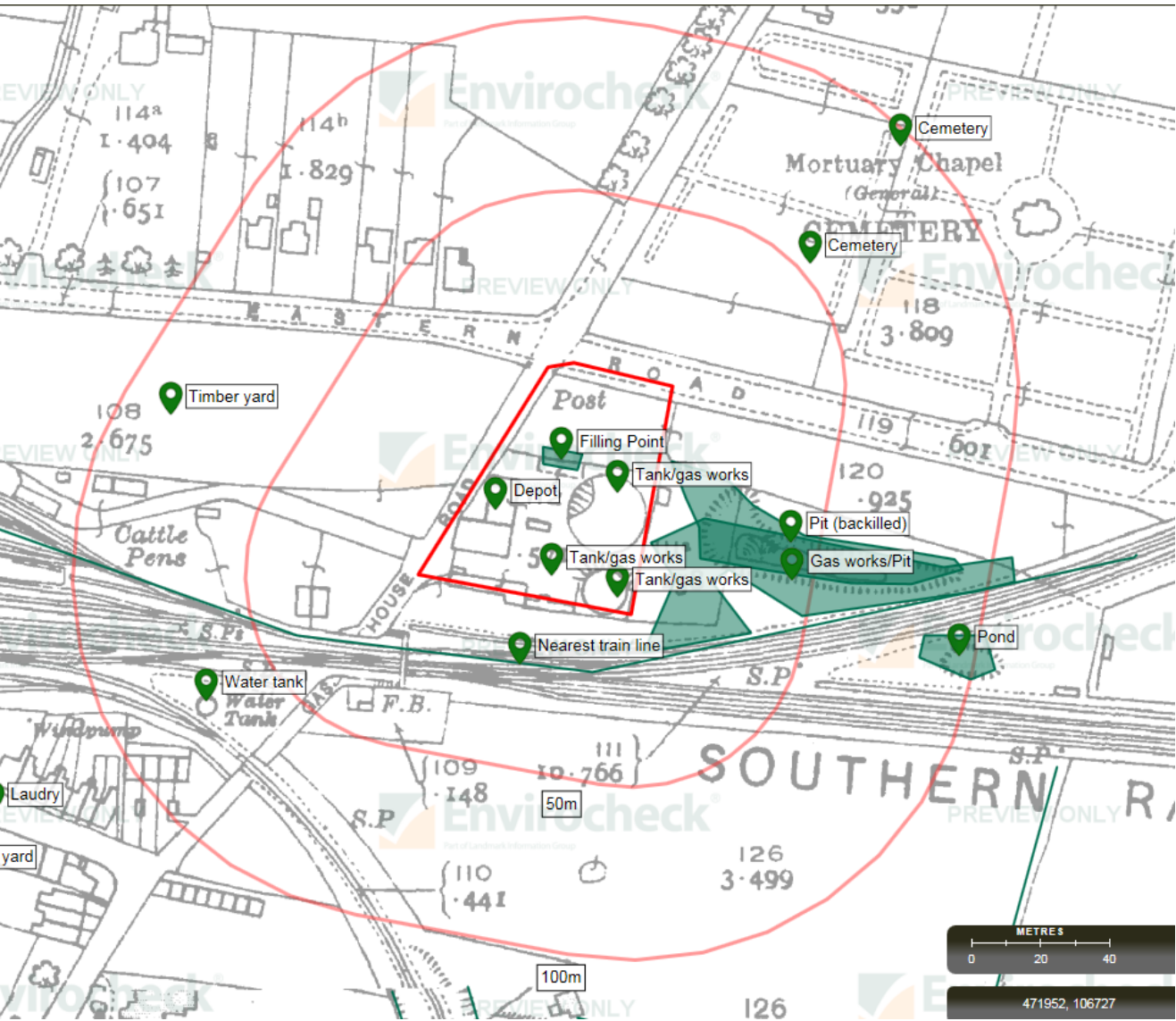
**Client**  
Days Estates

**Title**  
Existing and proposed Plan

**Date**  
October 2015

**Job Number**  
15214





**Figure number**  
3

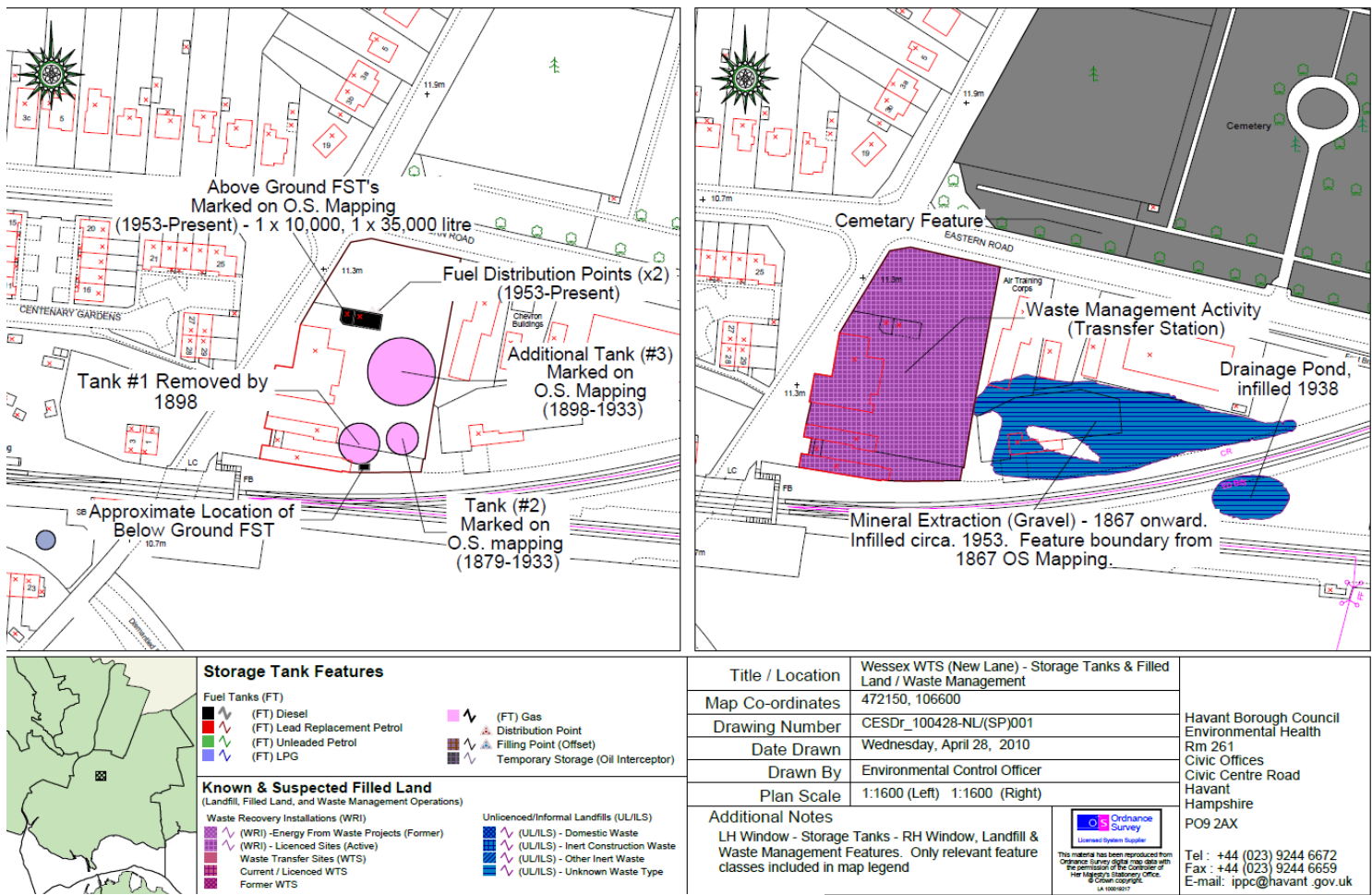
**Project**  
Former Town Gas Works, 8 New Lane, Havant, Hampshire PO9 2JJ

**Client**  
Days Estates

**Title**  
Location of Some Possible sources of pollution

**Date**  
October 2015

**Job Number**  
15214



Source: Havant borough Council, Environmental Health

Figure number  
4

Project  
Former Town Gas Works, 8 New Lane, Havant, Hampshire PO9 2JJ

Client  
Days Estates

Title  
Location of Historical tanks

Date  
October 2015

Job Number  
15214



Mobile cabin (Offices)



Yard of the TS Hire & Sales



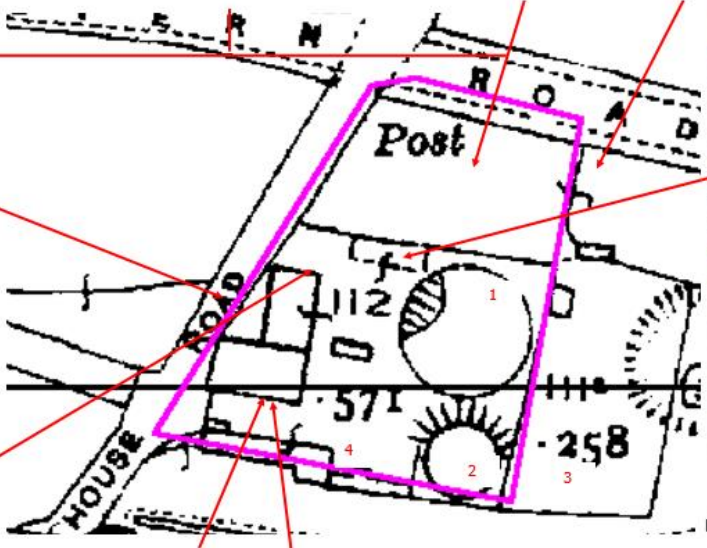
Yard of the TS Hire & Sales



Derelict land and building structure with building material to the North East Boundary Of the site



A1 Recovery workshop view from the street



Above ground mounted tank to the North of the garage



Former tank backfilled with concrete surfacing



Above ground oil tank to the North east corner of the workshop



Workshop



Offices



Tyres piled onsite



Railway station

**Figure number**  
5

**Project**  
Former Town Gas Works, 8 New Lane, Havant, Hampshire PO9 2JJ

**Client**  
Days Estates

**Title**  
Location of Current tanks and features

**Date**  
October 2015

**Job Number**  
15214

## **Appendix A Country Series and Ordnance Survey Maps**



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit

Sand Pit

Other Pits

Quarry

Shingle

Orchard

Osiers

Reeds

Marsh

Mixed Wood

Deciduous

Brushwood

Fir

Furze

Rough Pasture

Arrow denotes flow of water

Trigonometrical Station

Site of Antiquities

Bench Mark

Pump, Guide Post, Signal Post

Well, Spring, Boundary Post

285 Surface Level

Sketched Contour

Instrumental Contour

Main Roads

Fenced

Minor Roads

Fenced

Un-Fenced

Sunken Road

Raised Road

Road over Railway

Railway over River

Railway over Road

Level Crossing

Road over River or Canal

Road over Stream

County Boundary (Geographical)

County & Civil Parish Boundary

Administrative County & Civil Parish Boundary

County Borough Boundary (England)

County Burgh Boundary (Scotland)

Rural District Boundary

Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry

Gravel Pit

Sand Pit

Disused Pit or Quarry

Refuse or Slag Heap

Lake, Loch or Pond

Dunes

Boulders

Coniferous Trees

Non-Coniferous Trees

Orchard

Scrub

Coppice

Bracken

Heath

Rough Grassland

Marsh

Reeds

Saltings

Building

Glasshouse

Sloping Masonry

Pylon

Electricity Transmission Line

Pole

Cutting

Embankment

Standard Gauge Multiple Track

Standard Gauge Single Track

Siding, Tramway or Mineral Line

Narrow Gauge

Geographical County

Administrative County, County Borough or County of City

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

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

Civil Parish  
Shown alternately when coincidence of boundaries occurs

BP, BS Boundary Post or Stone

Ch Church

CH Club House

F E Sta Fire Engine Station

FB Foot Bridge

Fn Fountain

GP Guide Post

MP Mile Post

MS Mile Stone

Pol Sta Police Station

PO Post Office

PC Public Convenience

PH Public House

SB Signal Box

Spr Spring

TCB Telephone Call Box

TCP Telephone Call Post

W Well

1:10,000 Raster Mapping

Gravel Pit

Refuse tip or slag heap

Rock

Rock (scattered)

Boulders

Boulders (scattered)

Shingle

Mud

Sand

Sand Pit

Slopes

Top of cliff

General detail

Underground detail

Overhead detail

Narrow gauge railway

Multi-track railway

Single track railway

County boundary (England only)

Civil, parish or community boundary

District, Unitary, Metropolitan, London Borough boundary

Constituency boundary

Area of wooded vegetation

Non-coniferous trees

Non-coniferous trees (scattered)

Coniferous trees

Coniferous trees (scattered)

Positioned tree

Orchard

Coppice or Osiers

Rough Grassland

Heath

Scrub

Marsh, Salt Marsh or Reeds

Water feature

Flow arrows

MHW(S) Mean high water (springs)

MLW(S) Mean low water (springs)

Telephone line (where shown)

Electricity transmission line (with poles)

Bench mark (where shown)

Triangulation station

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

Pylon, flare stack or lighting tower

Site of (antiquity)

Glasshouse

General Building

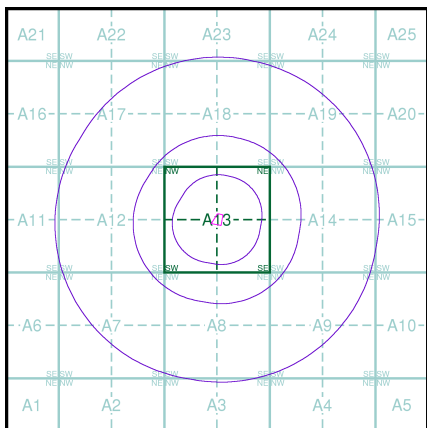
Important Building



Historical Mapping & Photography included:

| Mapping Type              | Scale    | Date        | Pg |
|---------------------------|----------|-------------|----|
| Hampshire & Isle Of Wight | 1:10,560 | 1870        | 3  |
| Sussex                    | 1:10,560 | 1879 - 1880 | 4  |
| Hampshire & Isle Of Wight | 1:10,560 | 1898        | 5  |
| Sussex                    | 1:10,560 | 1899        | 6  |
| Hampshire & Isle Of Wight | 1:10,560 | 1909 - 1910 | 7  |
| Sussex                    | 1:10,560 | 1914        | 8  |
| Sussex                    | 1:10,560 | 1914        | 9  |
| Sussex                    | 1:10,560 | 1914        | 10 |
| Hampshire & Isle Of Wight | 1:10,560 | 1932        | 11 |
| Sussex                    | 1:10,560 | 1932        | 12 |
| Hampshire & Isle Of Wight | 1:10,560 | 1932        | 13 |
| Sussex                    | 1:10,560 | 1932        | 14 |
| Sussex                    | 1:10,560 | 1932        | 15 |
| Hampshire & Isle Of Wight | 1:10,560 | 1933        | 16 |
| Hampshire & Isle Of Wight | 1:10,560 | 1933        | 17 |
| Hampshire & Isle Of Wight | 1:10,560 | 1938 - 1942 | 18 |
| Ordnance Survey Plan      | 1:10,000 | 1963        | 19 |
| Ordnance Survey Plan      | 1:10,000 | 1966        | 20 |
| Ordnance Survey Plan      | 1:10,000 | 1975        | 21 |
| Havant                    | 1:25,000 | 1983        | 22 |
| Portsmouth                | 1:10,000 | 1988        | 23 |
| Ordnance Survey Plan      | 1:10,000 | 1992        | 24 |
| 10K Raster Mapping        | 1:10,000 | 2006        | 25 |
| VectorMap Local           | 1:10,000 | 2015        | 26 |

Historical Map - Slice A



Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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

Russian Military Mapping Legends

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

a. Not drawn to scale    b. Drawn to scale

Government and Administrative Buildings    Military and Industrial Buildings

Military and Communication Areas    Subway Entrance

Fireproof Building    Prominent Fireproof Building

Non-fireproof Building    Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys    Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale    Hydroelectric Power Station

Radio Station, drawn to scale    Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry    Open-pit Salt Mine

Pit    Oil Deposit or Well    Oil Seepage

Tailings Pile    Fuel Storage Tanks    Natural Gas Tank

Bench Mark    Drill Hole    Burial Mound    Triangulation Point on Burial Mound

Single-track Railroad    Double-track Railroad and Station Building

Coniferous Forest    Deciduous Forest    Mixed Forest

Lawns    Citrus Orchard    Wet Ground    Scattered Vegetation

243.8    Values for prominent elevations

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

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

180 180    Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

|          |         |          |                |
|----------|---------|----------|----------------|
| А а (A)  | 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

Government and Administrative Buildings    Military and Industrial Buildings

Military and Communication Areas    Subway Entrance

Partly Demolished Buildings    Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant    Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building    Prominent Industrial Building

Individual Dwelling, Fireproof    Ruins of an Individual Dwelling

Factory or Mill Chimney    Factory or Mill with Chimney    Factory or Mill without Chimney    Mine or Open Pit Mine

Operating Shaft or Mine    Non-Operating Shaft or Mine    Salt Mine    Tailings Pile

Pit    Stone Quarry    Gas Pump or Service Station    Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick    Small Hydroelectric Power Station    Power Station    Transformer Station

Cemetery    Burial Mound (height in metres)    Triangulation Point on Burial Mound    Triangulation Point

Bench Mark    Bench Mark (monumented)    Telegraph Office    Telephone Station

Radio Station    Radio Tower    Airfield or Seaplane Base    Landing Strip

Telegraph/Telephone Lines    Main Highway    Highway under Construction    Improved Dirt Road (former truck road)

Double-track Railroad with First Class Station    Dismantled Railroad    Railroad Under Construction

Shore Embankment    River or Ditch with Embankment    Direction and velocity of current    Water Gauge    Water Level Mark

Well    Water Reservoir or Rain Water Pit    Spring    Isobath with value

Heavy (Index) Contour Line    Contour Line and Value    Half Contour Line    Spot Elevation Value

Coniferous    Deciduous    Mixed    Scrub

Key to Numbers on Mapping

SU70\_Havant

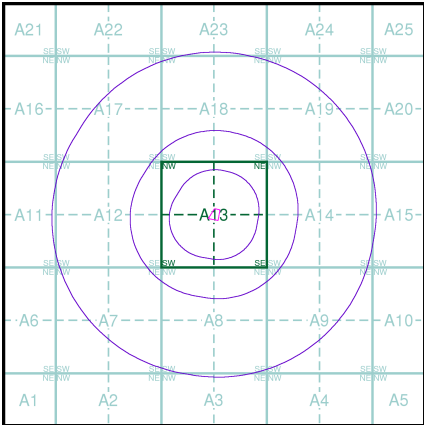
| No. | Description                             |
|-----|-----------------------------------------|
| 7   | Factory (Chemicals)                     |
| 10  | Post Office                             |
| 15  | Railway Station (Freight And Passenger) |
| 16  | Sewage Works                            |



Historical Mapping & Photography included:

| Mapping Type              | Scale    | Date        | Pg |
|---------------------------|----------|-------------|----|
| Hampshire & Isle Of Wight | 1:10,560 | 1870        | 3  |
| Sussex                    | 1:10,560 | 1879 - 1880 | 4  |
| Hampshire & Isle Of Wight | 1:10,560 | 1898        | 5  |
| Sussex                    | 1:10,560 | 1899        | 6  |
| Hampshire & Isle Of Wight | 1:10,560 | 1909 - 1910 | 7  |
| Sussex                    | 1:10,560 | 1914        | 8  |
| Sussex                    | 1:10,560 | 1914        | 9  |
| Sussex                    | 1:10,560 | 1914        | 10 |
| Hampshire & Isle Of Wight | 1:10,560 | 1932        | 11 |
| Sussex                    | 1:10,560 | 1932        | 12 |
| Hampshire & Isle Of Wight | 1:10,560 | 1932        | 13 |
| Sussex                    | 1:10,560 | 1932        | 14 |
| Sussex                    | 1:10,560 | 1932        | 15 |
| Hampshire & Isle Of Wight | 1:10,560 | 1933        | 16 |
| Hampshire & Isle Of Wight | 1:10,560 | 1933        | 17 |
| Hampshire & Isle Of Wight | 1:10,560 | 1938 - 1942 | 18 |
| Ordnance Survey Plan      | 1:10,000 | 1963        | 19 |
| Ordnance Survey Plan      | 1:10,000 | 1966        | 20 |
| Ordnance Survey Plan      | 1:10,000 | 1975        | 21 |
| Havant                    | 1:25,000 | 1983        | 22 |
| Portsmouth                | 1:10,000 | 1988        | 23 |
| Ordnance Survey Plan      | 1:10,000 | 1992        | 24 |
| 10K Raster Mapping        | 1:10,000 | 2006        | 25 |
| VectorMap Local           | 1:10,000 | 2015        | 26 |

Russian Map - Slice A



Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

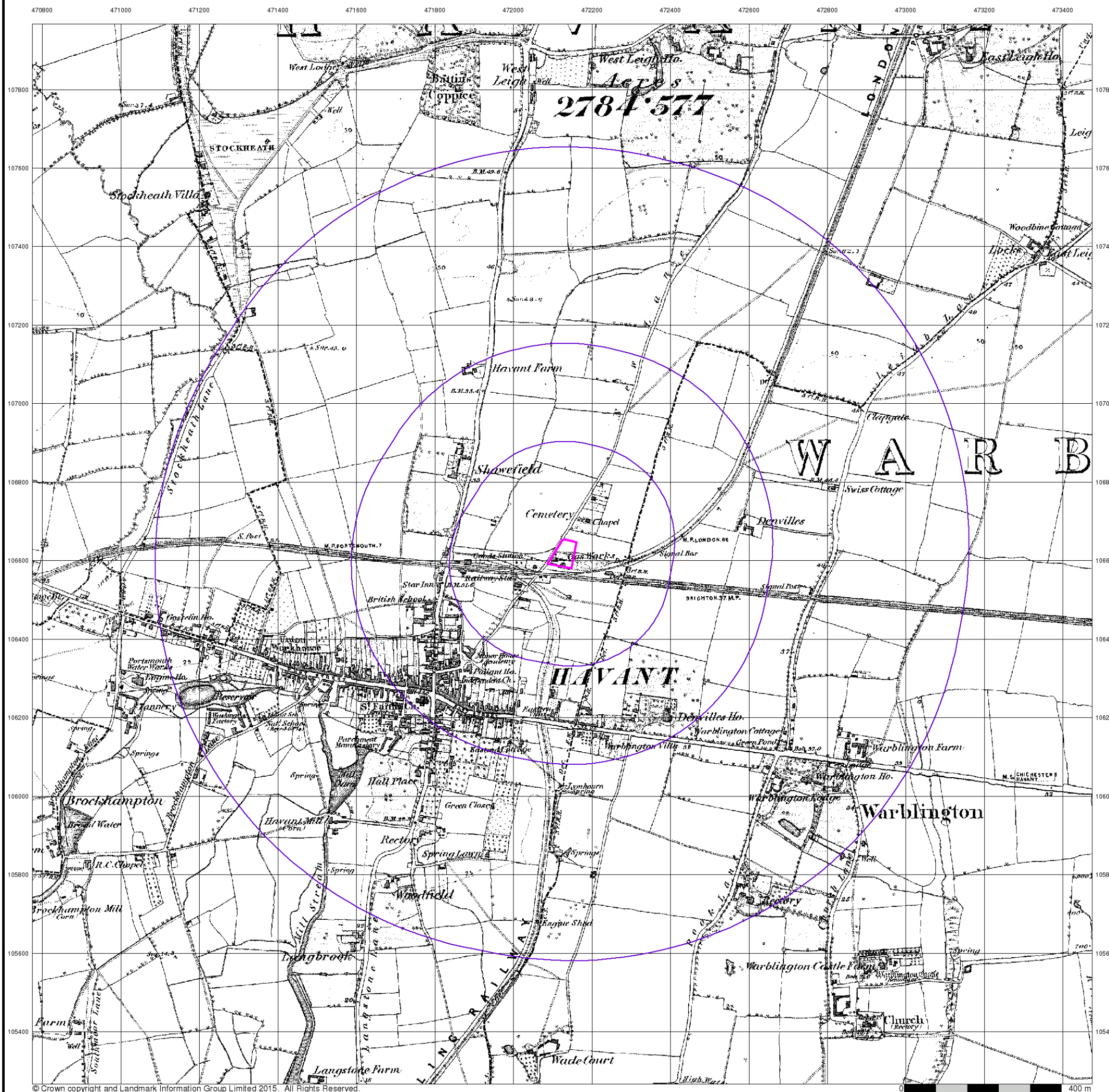
Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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Fax: 0844 844 9951  
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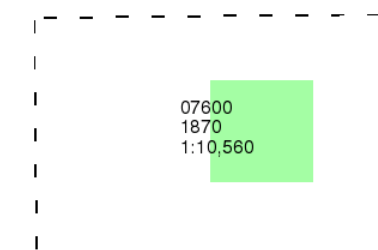
## Hampshire & Isle Of Wight

**Published 1870**

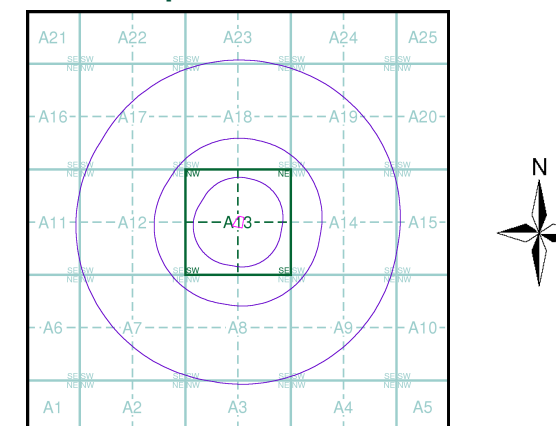
**Source map scale - 1:10,560**

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

## Map Name(s) and Date(s)



### Historical Map - Slice A



## Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
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## Site Details

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PO9 2JH



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Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

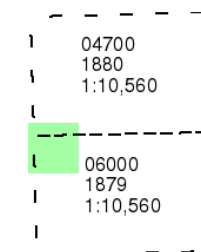
## Sussex

Published 1879 - 1880

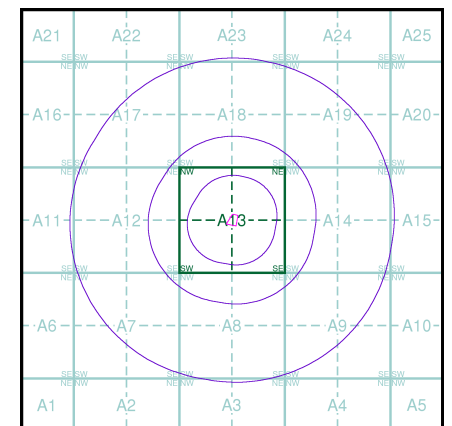
Source map scale - 1:10,560

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### Map Name(s) and Date(s)



### Historical Map - Slice A

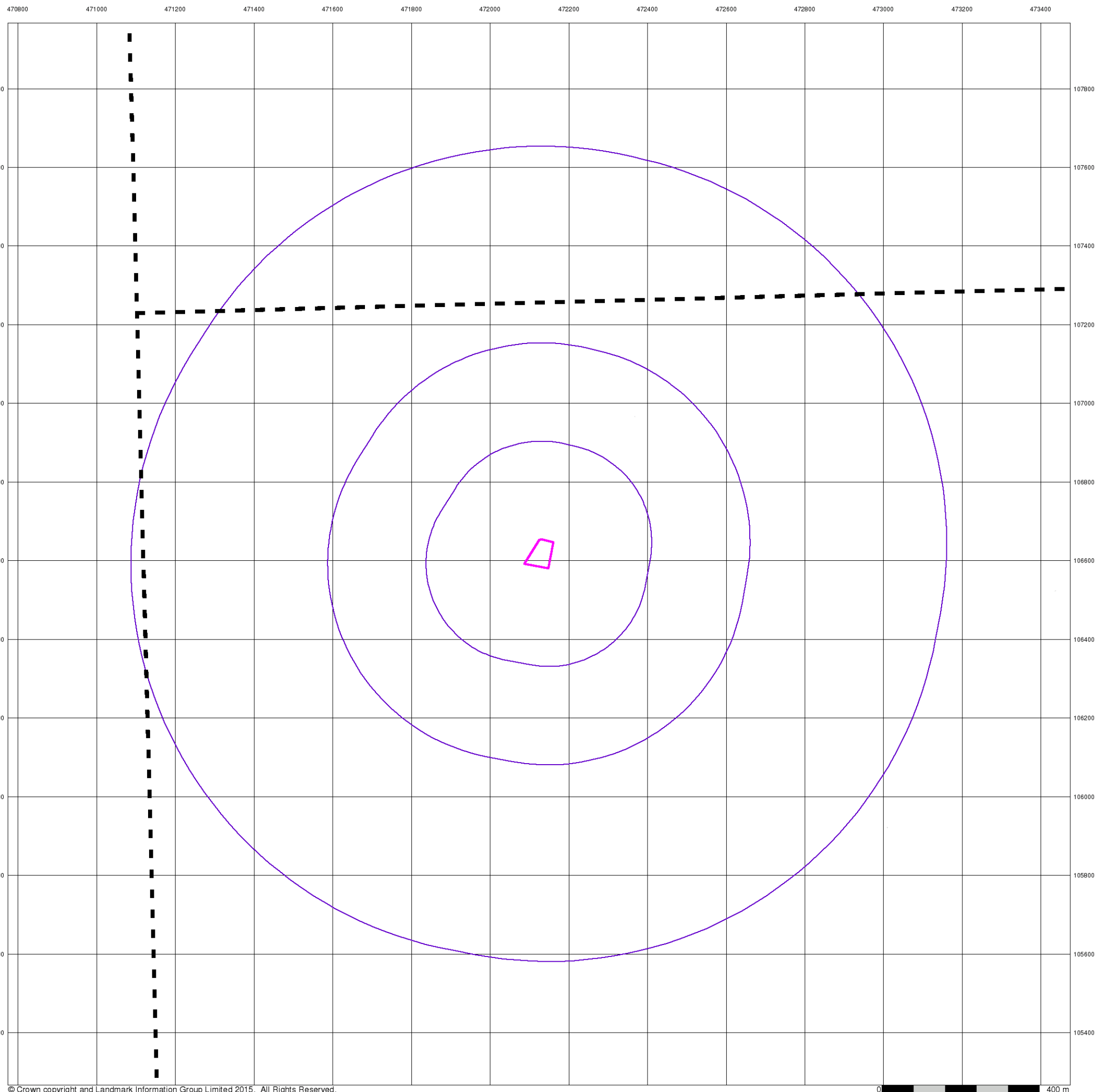


### Order Details

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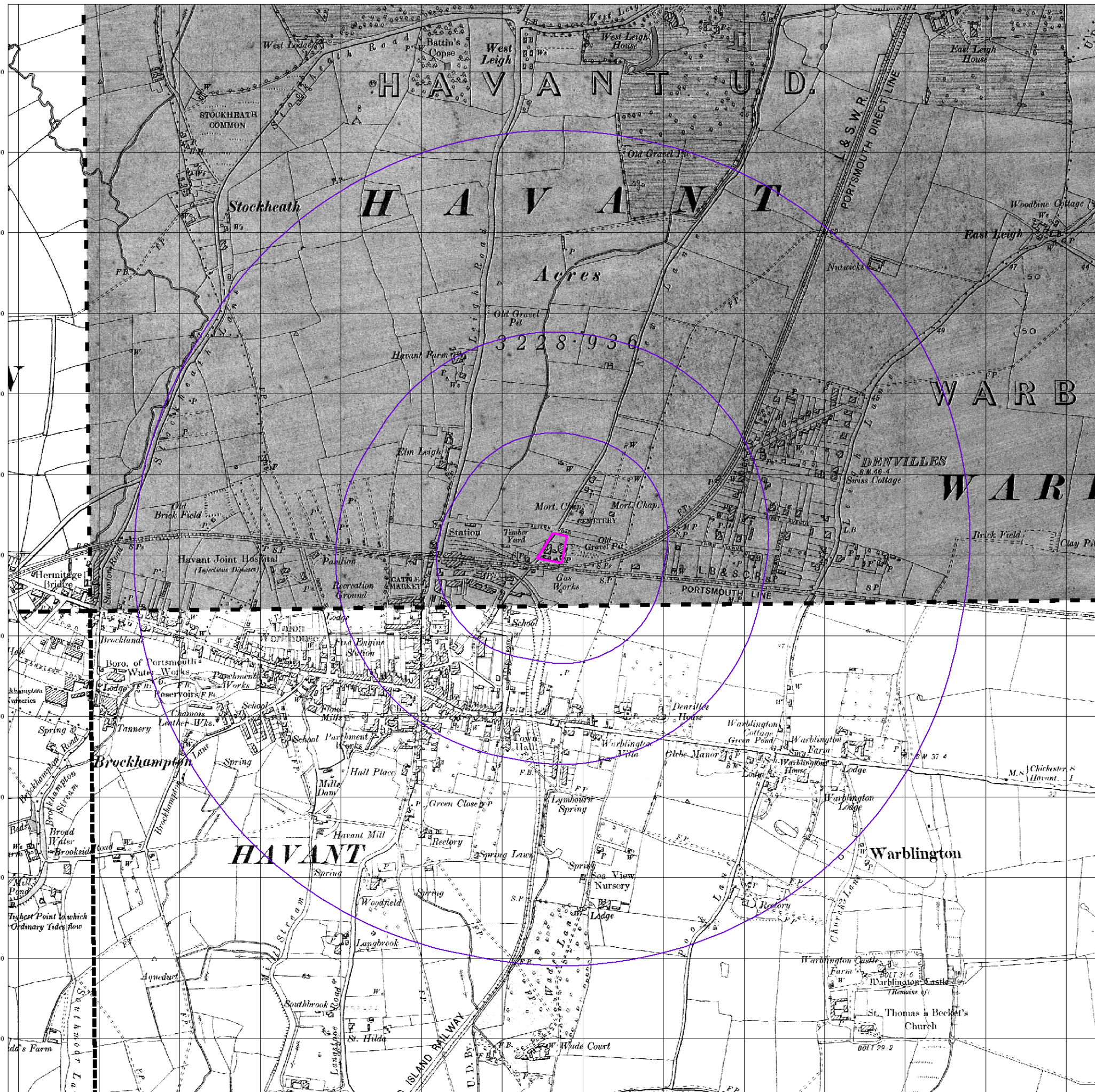
### Site Details

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0 400 m

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## Hampshire & Isle Of Wight

Published 1898

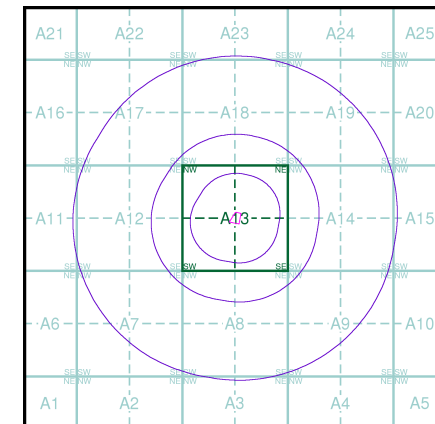
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)

|                           |                           |
|---------------------------|---------------------------|
| 076NW<br>1898<br>1:10,560 | 076NE<br>1898<br>1:10,560 |
| 076SW<br>1898<br>1:10,560 | 076SE<br>1898<br>1:10,560 |

### Historical Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

### Site Details

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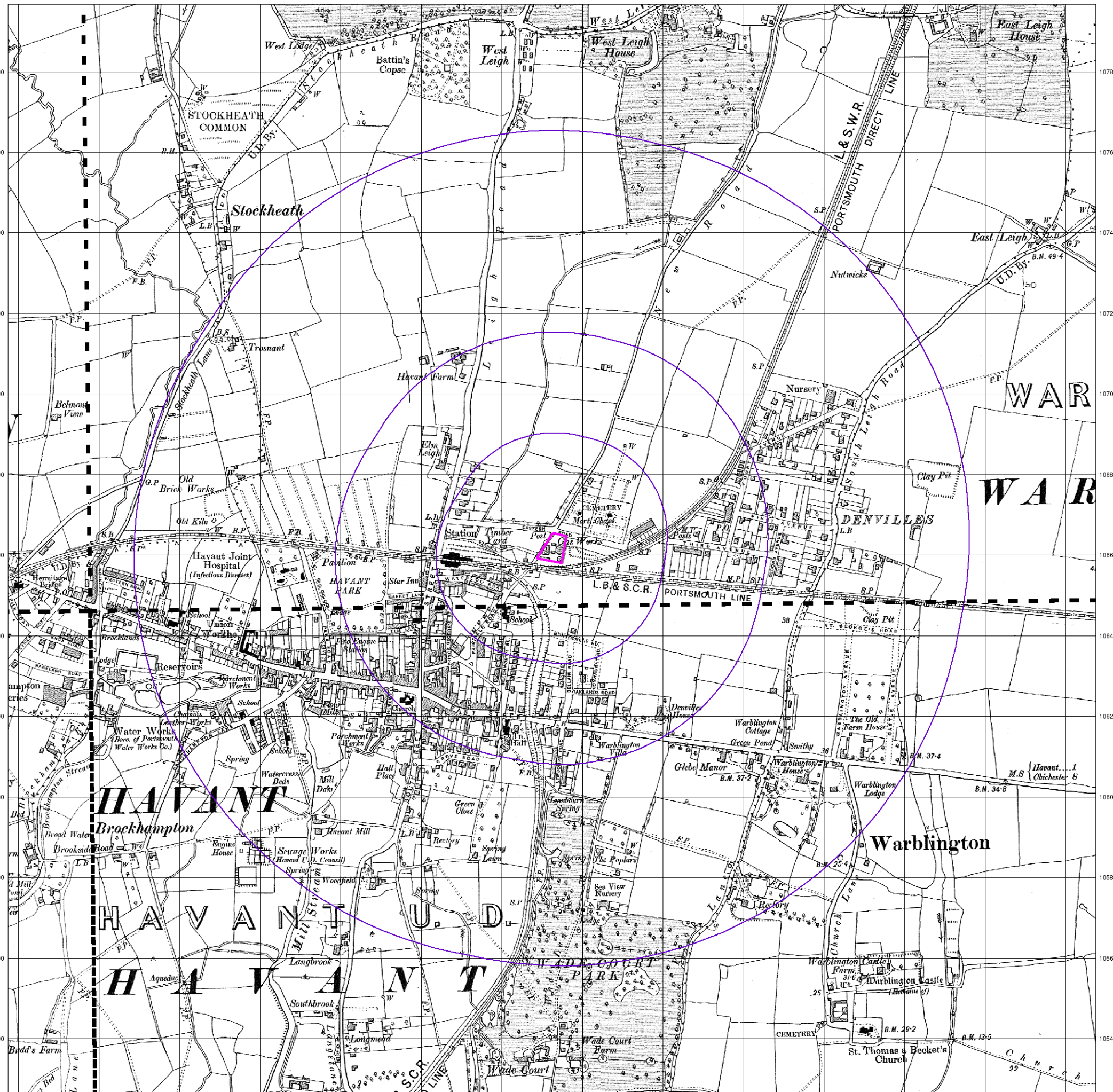
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## Hampshire & Isle Of Wight

Published 1909 - 1910

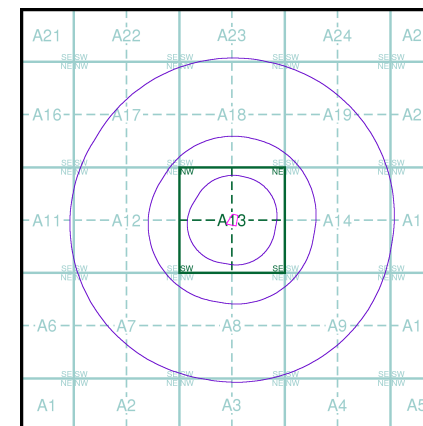
Source map scale - 1:10,560

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

### Map Name(s) and Date(s)

|                           |                           |
|---------------------------|---------------------------|
| 076NW<br>1909<br>1:10,560 | 076NE<br>1910<br>1:10,560 |
| 076SW<br>1910<br>1:10,560 | 076SE<br>1910<br>1:10,560 |

### Historical Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

### Site Details

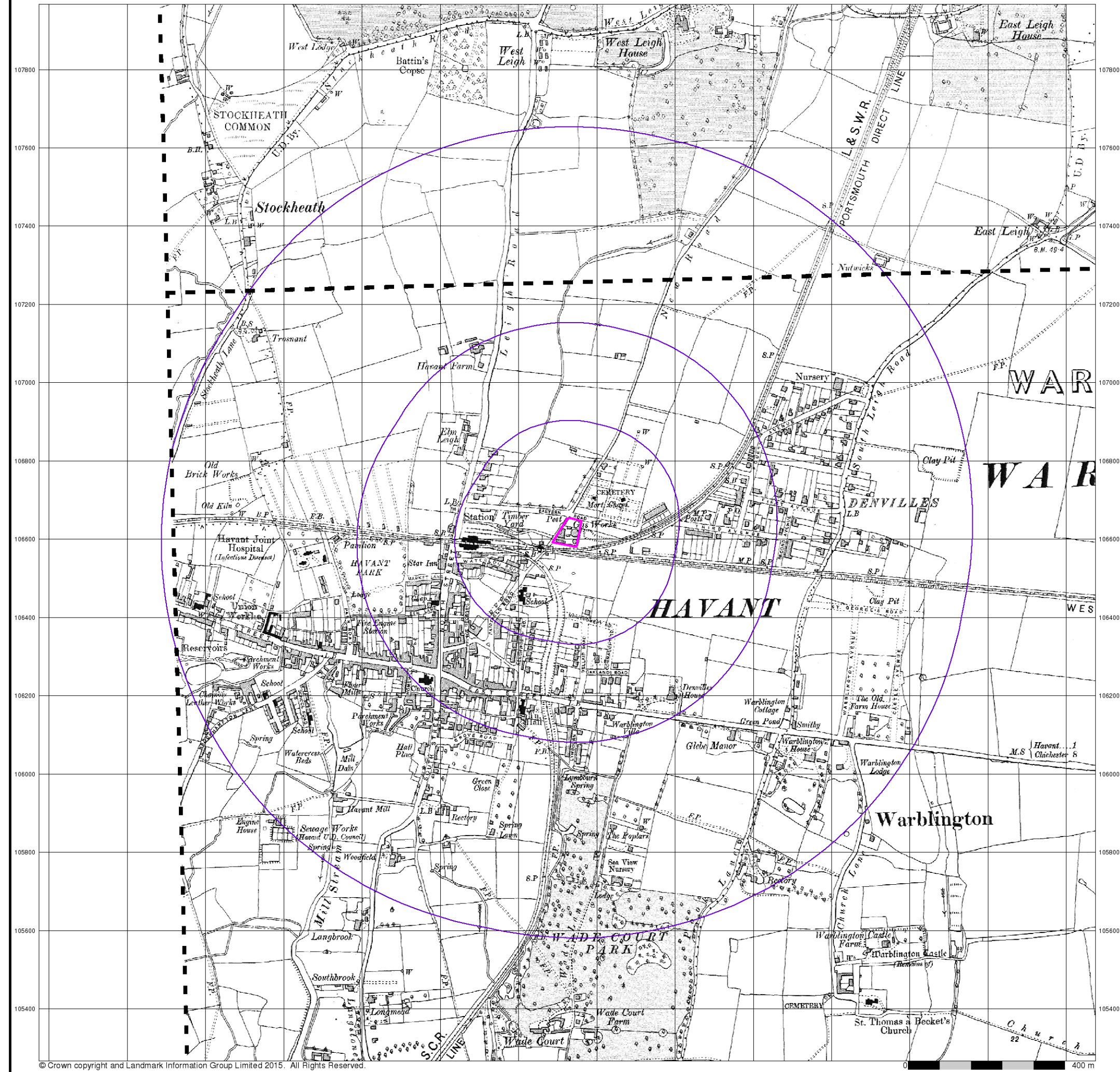
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**Sussex**

**Published 1914**

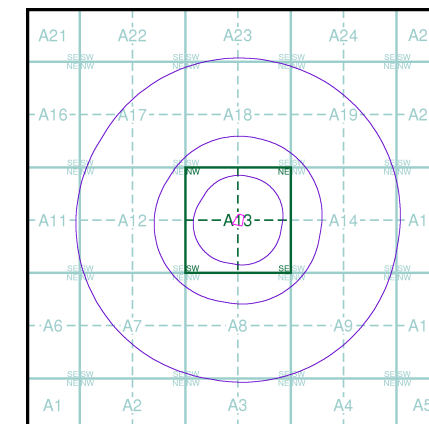
**Source map scale - 1:10,560**

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

**Map Name(s) and Date(s)**

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

**Historical Map - Slice A**



**Order Details**

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

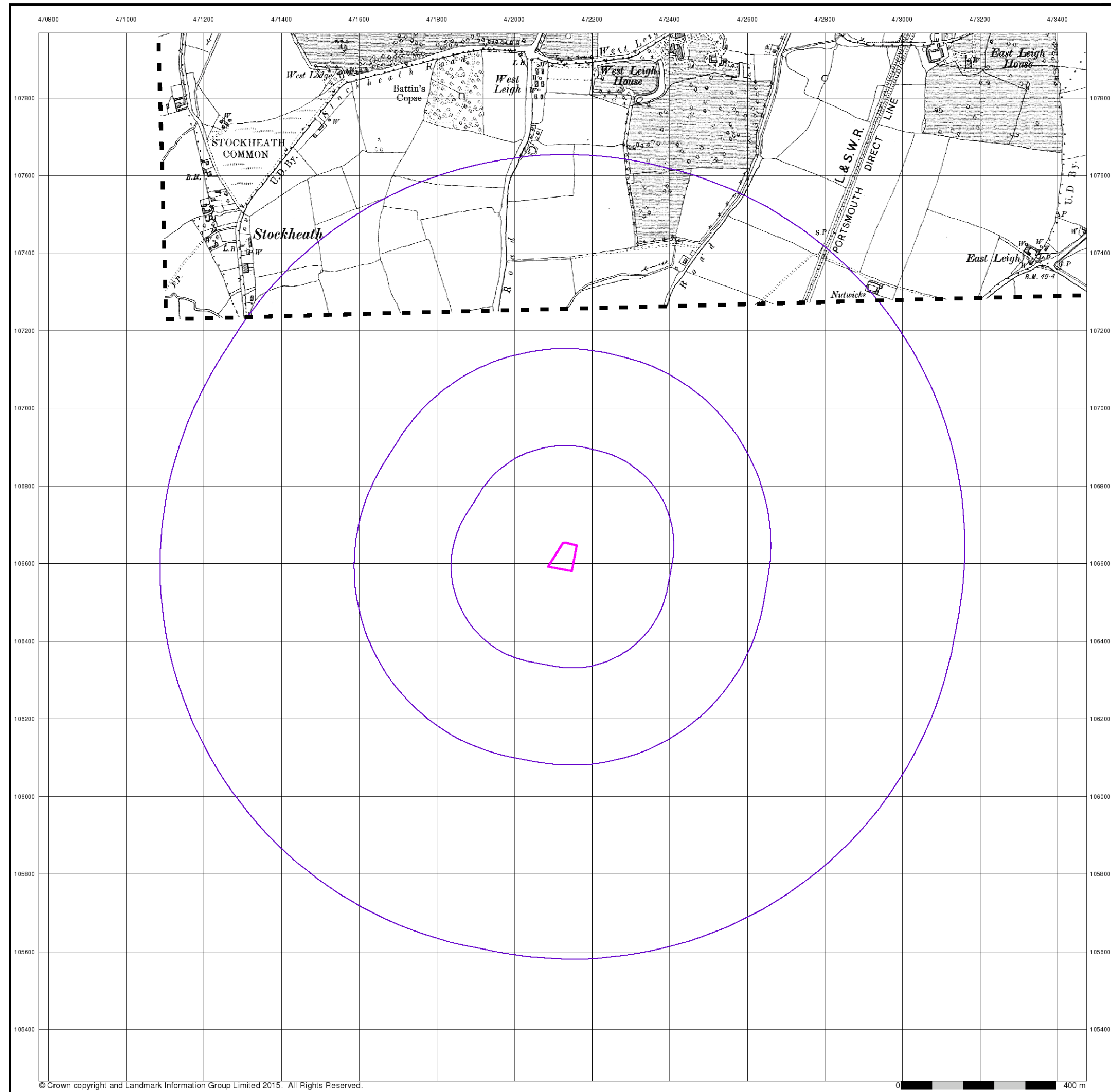
**Site Details**

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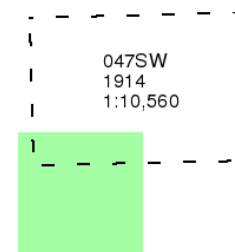
Sussex

Published 1914

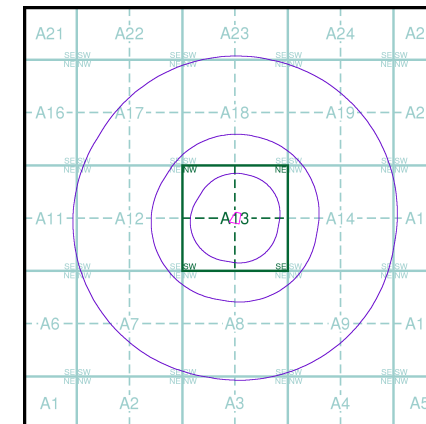
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### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
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### Site Details

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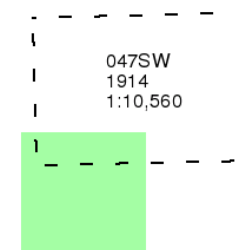
## Sussex

Published 1914

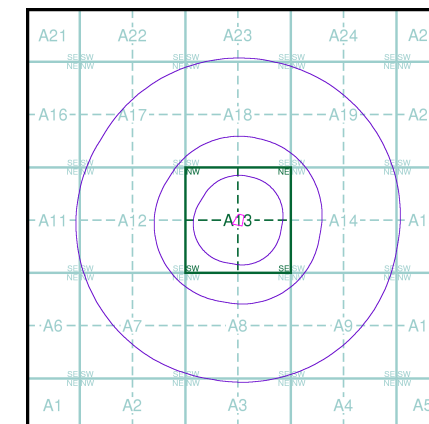
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### Map Name(s) and Date(s)



### Historical Map - Slice A

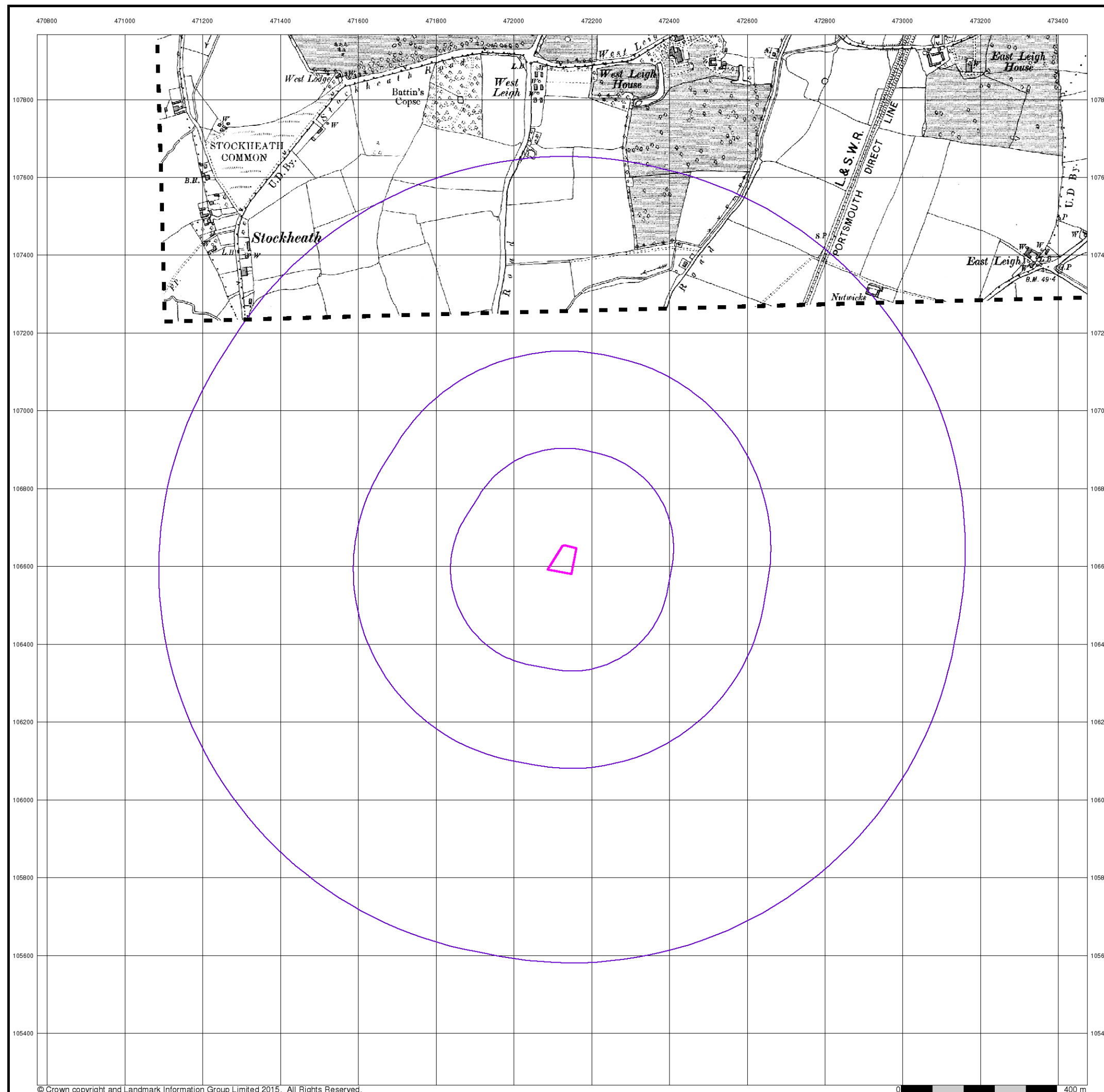


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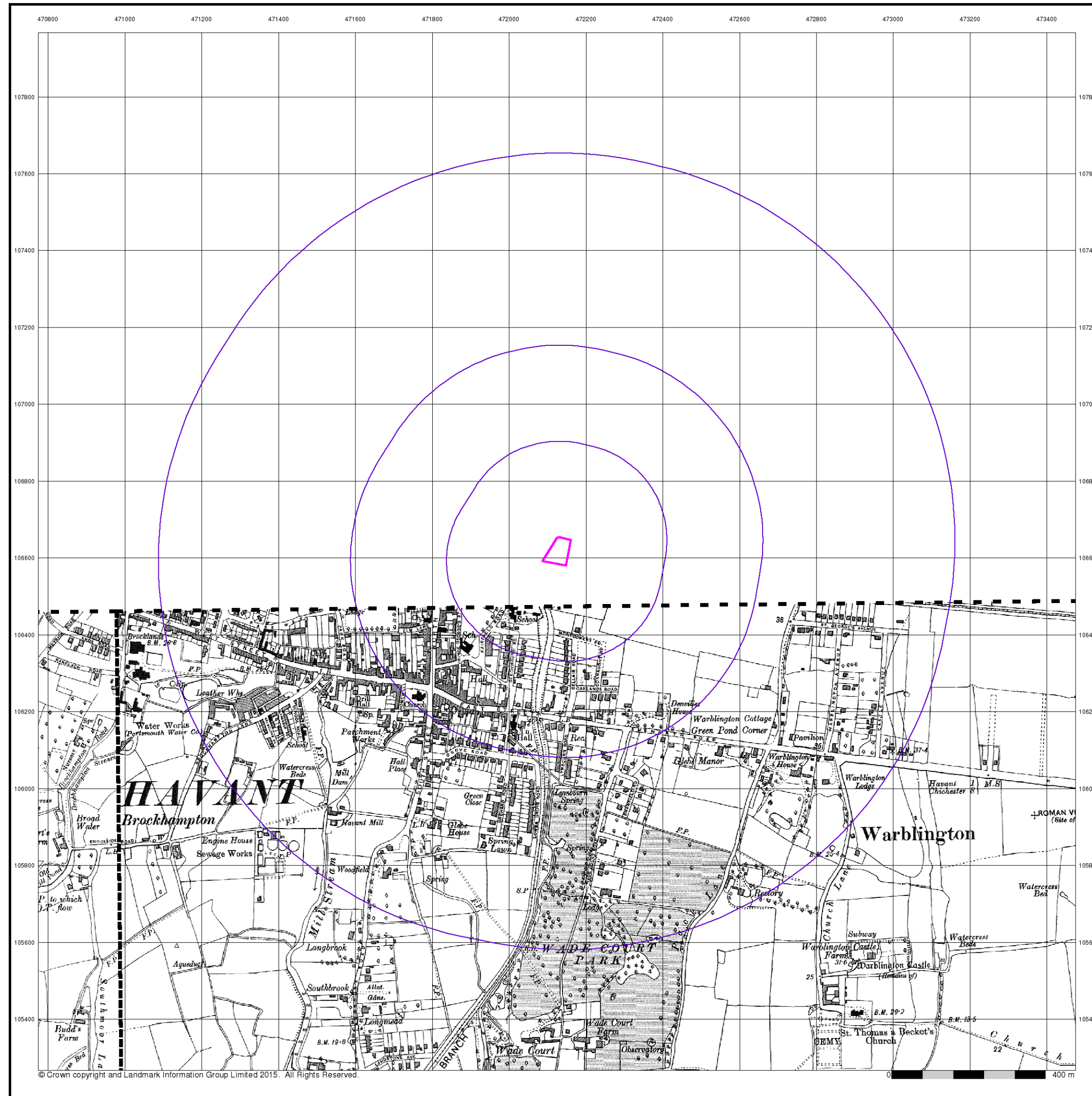
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### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire,  
PO9 2JH







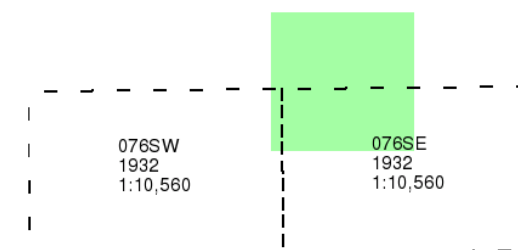
## Hampshire & Isle Of Wight

Published 1932

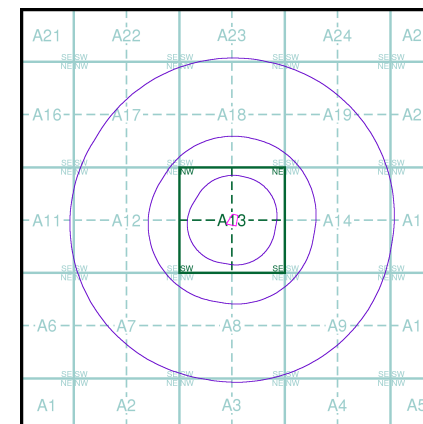
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### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
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National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
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### Site Details

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106000  
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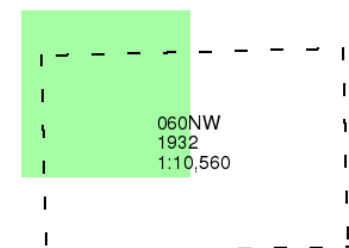
**Sussex**

**Published 1932**

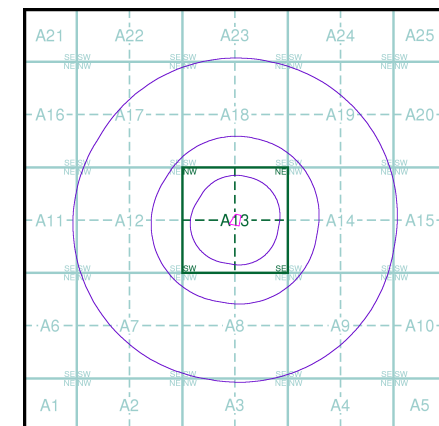
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**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
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**Site Details**

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH

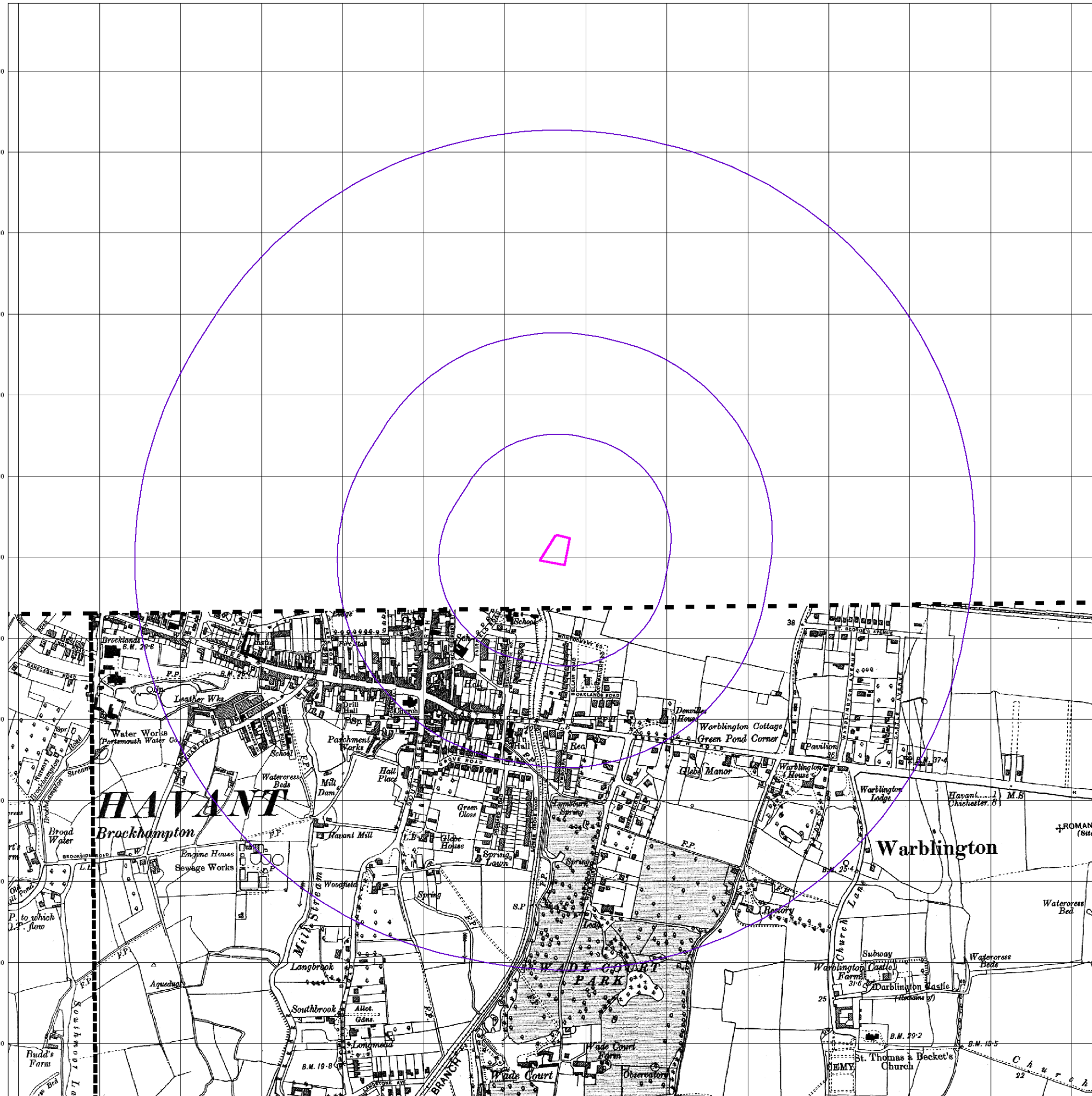
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107800 107600 107400 107200 107000 106800 106600 106400 106200 106000 105800 105600 105400



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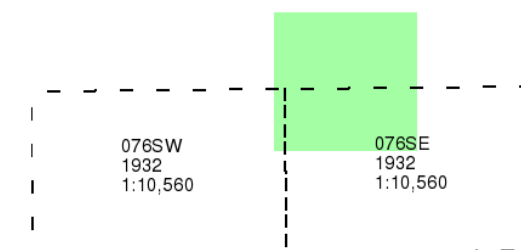
## Hampshire & Isle Of Wight

Published 1932

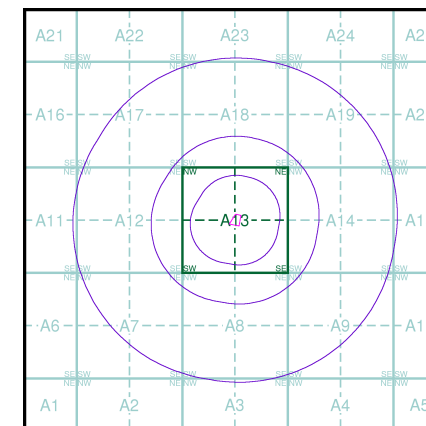
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### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
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Slice: A  
Site Area (Ha): 0.34  
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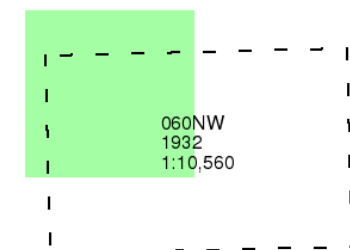
**Sussex**

**Published 1932**

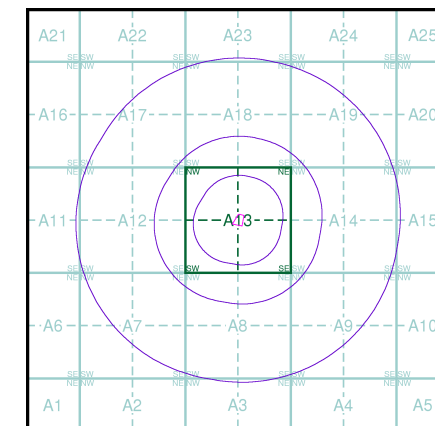
**Source map scale - 1:10,560**

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

**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

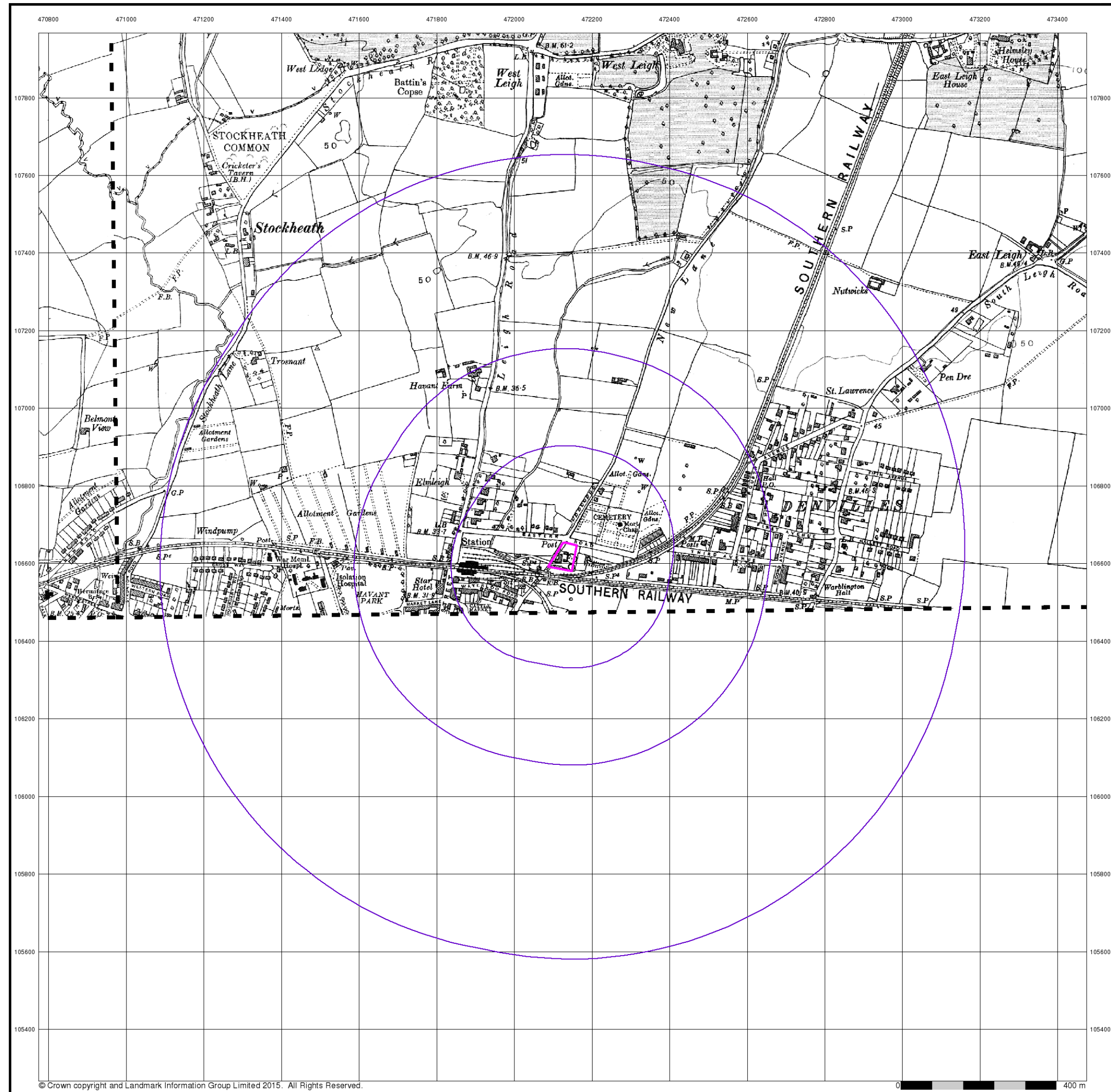
**Site Details**

Former Town Gas Works, 8, New Lane, Havant, Hampshire,  
PO9 2JH

**Landmark**  
Information Group

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





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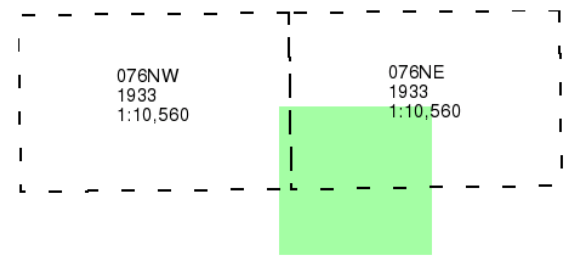
## Hampshire & Isle Of Wight

### Published 1933

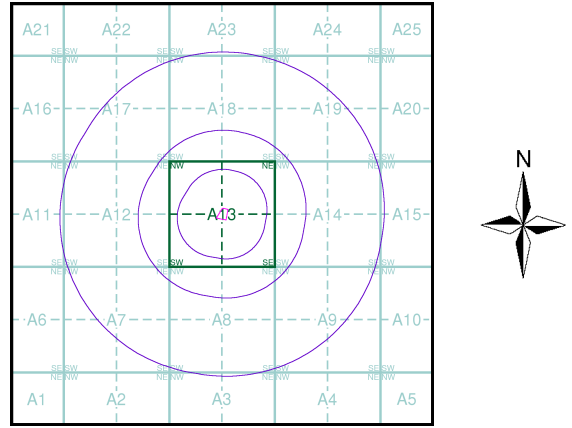
### Source map scale - 1:10,560

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

### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

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Slice: A  
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Search Buffer (m): 1000

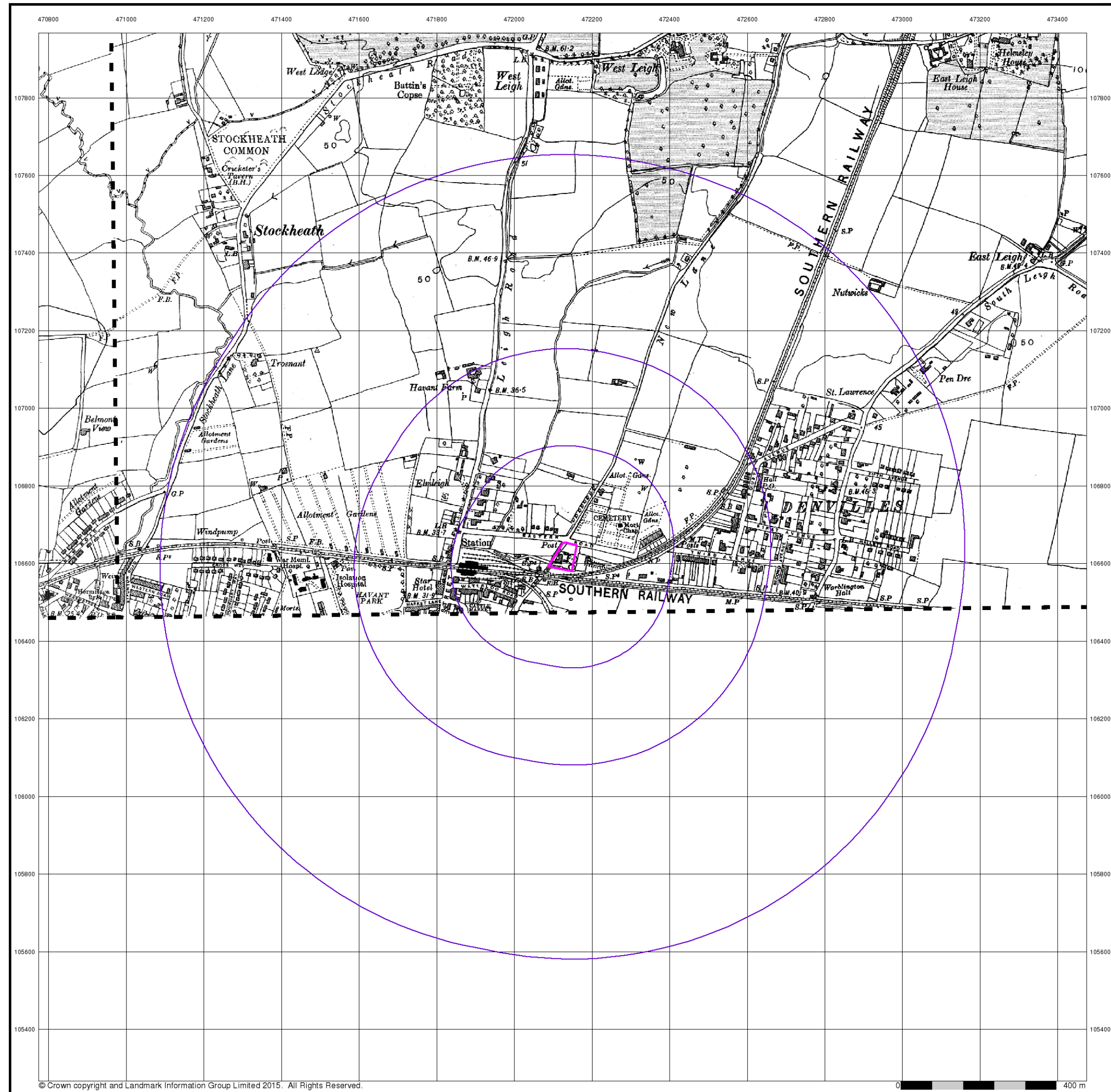
### Site Details

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0 400 m



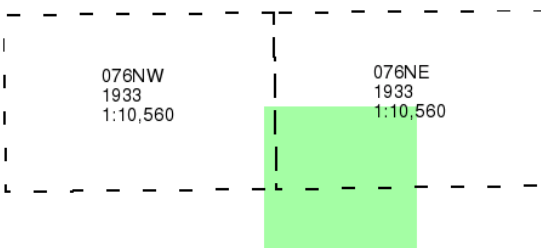
## Hampshire & Isle Of Wight

### Published 1933

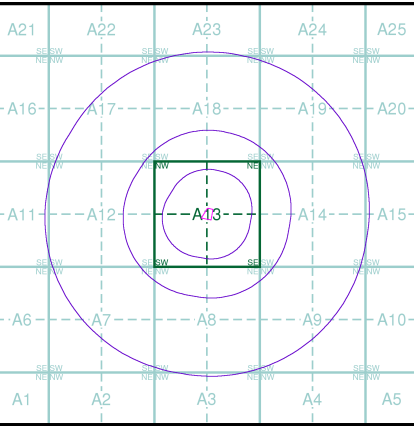
### Source map scale - 1:10,560

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

### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

### Site Details

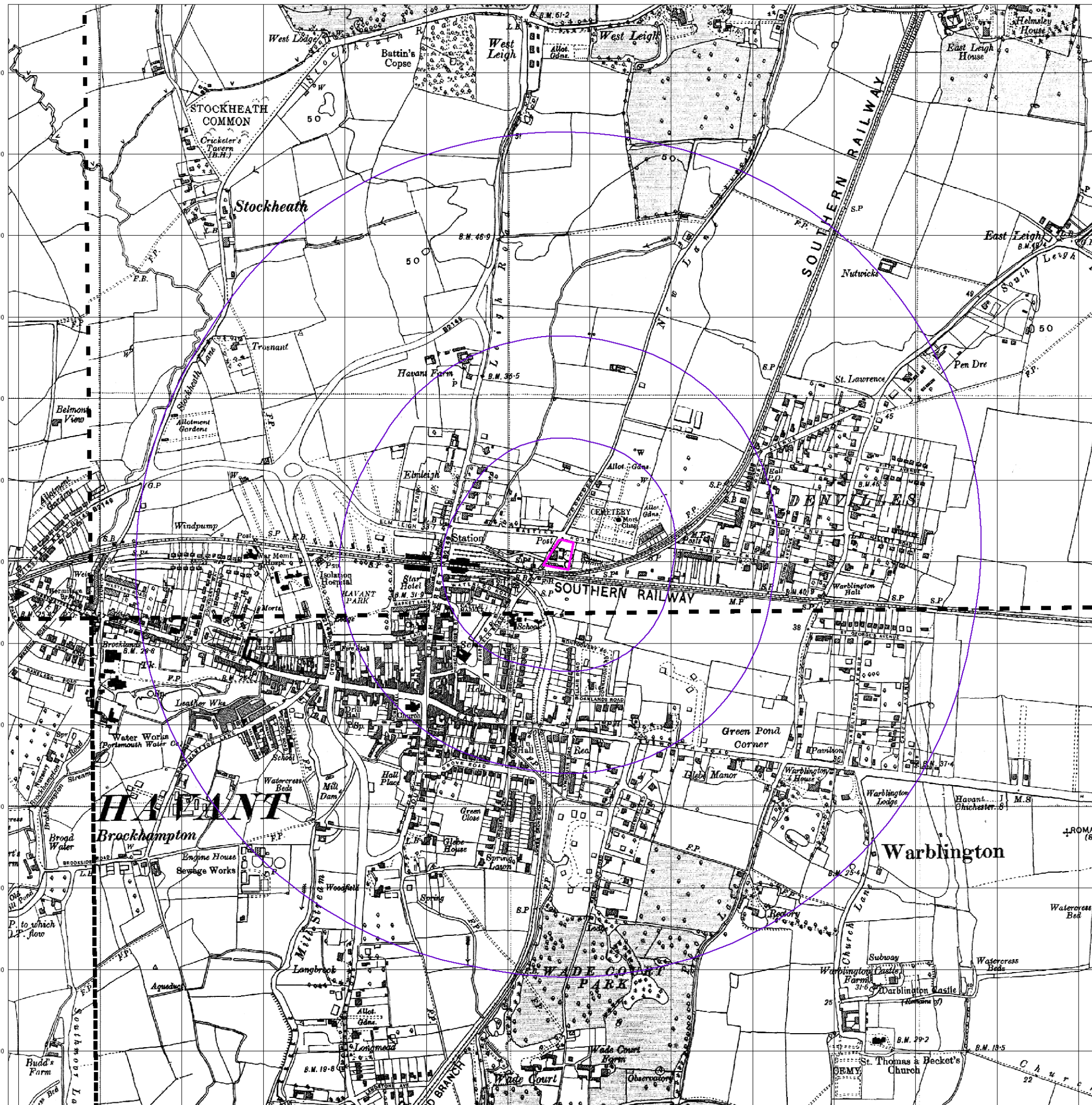
Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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470800 471000 471200 471400 471600 471800 472000 472200 472400 472600 472800 473000 473200 473400



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## Hampshire & Isle Of Wight

### Published 1938 - 1942

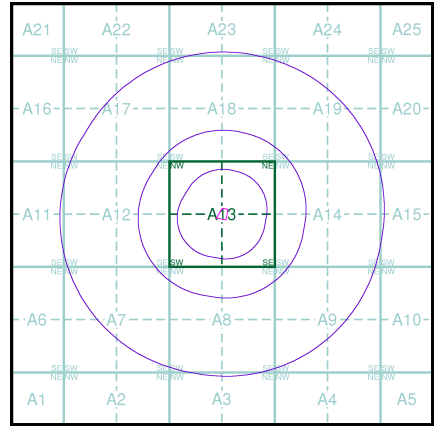
### Source map scale - 1:10,560

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

### Map Name(s) and Date(s)

|                           |                           |
|---------------------------|---------------------------|
| 076NW<br>1938<br>1:10,560 | 076NE<br>1938<br>1:10,560 |
| 076SW<br>1938<br>1:10,560 | 076SE<br>1942<br>1:10,560 |

### Historical Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
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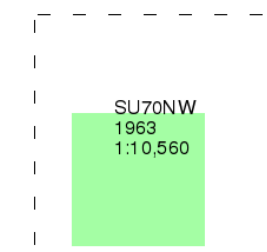
## Ordnance Survey Plan

Published 1963

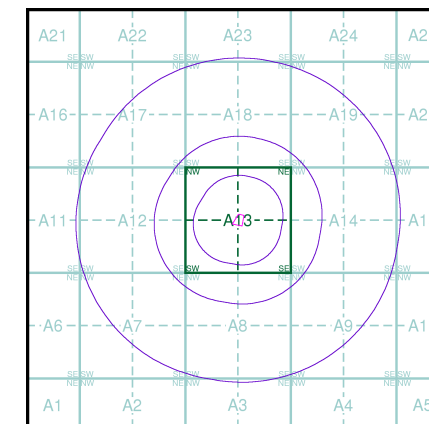
Source map scale - 1:10,000

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



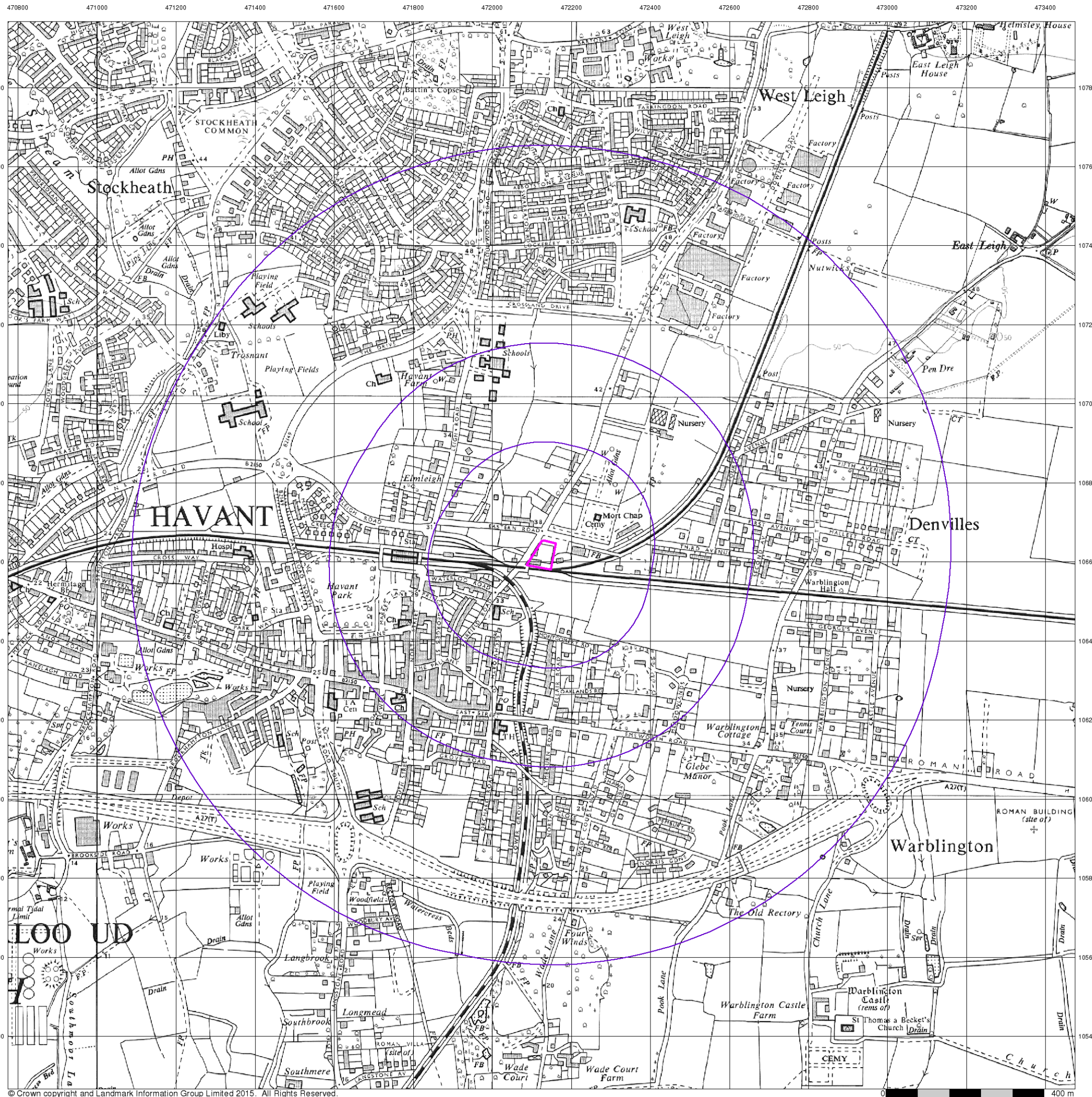
## Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
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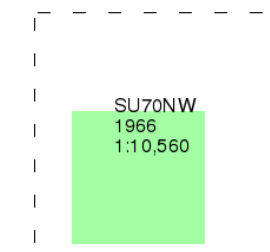
## Ordnance Survey Plan

Published 1966

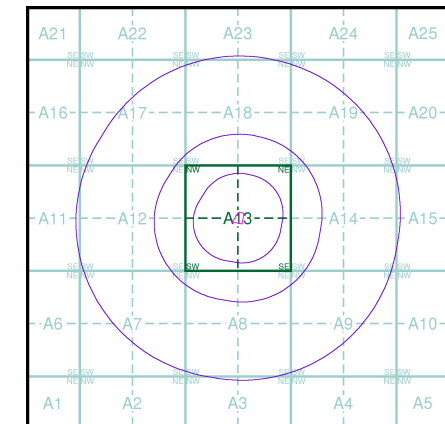
Source map scale - 1:10,000

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

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## Historical Map - Slice A



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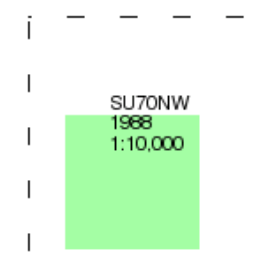
## Portsmouth

Published 1988

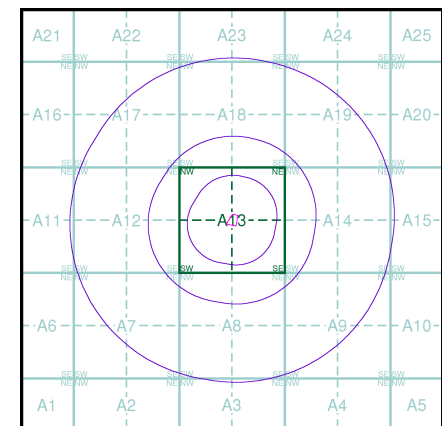
Source map scale - 1:10,000

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)



### Russian Map - Slice A



### Order Details

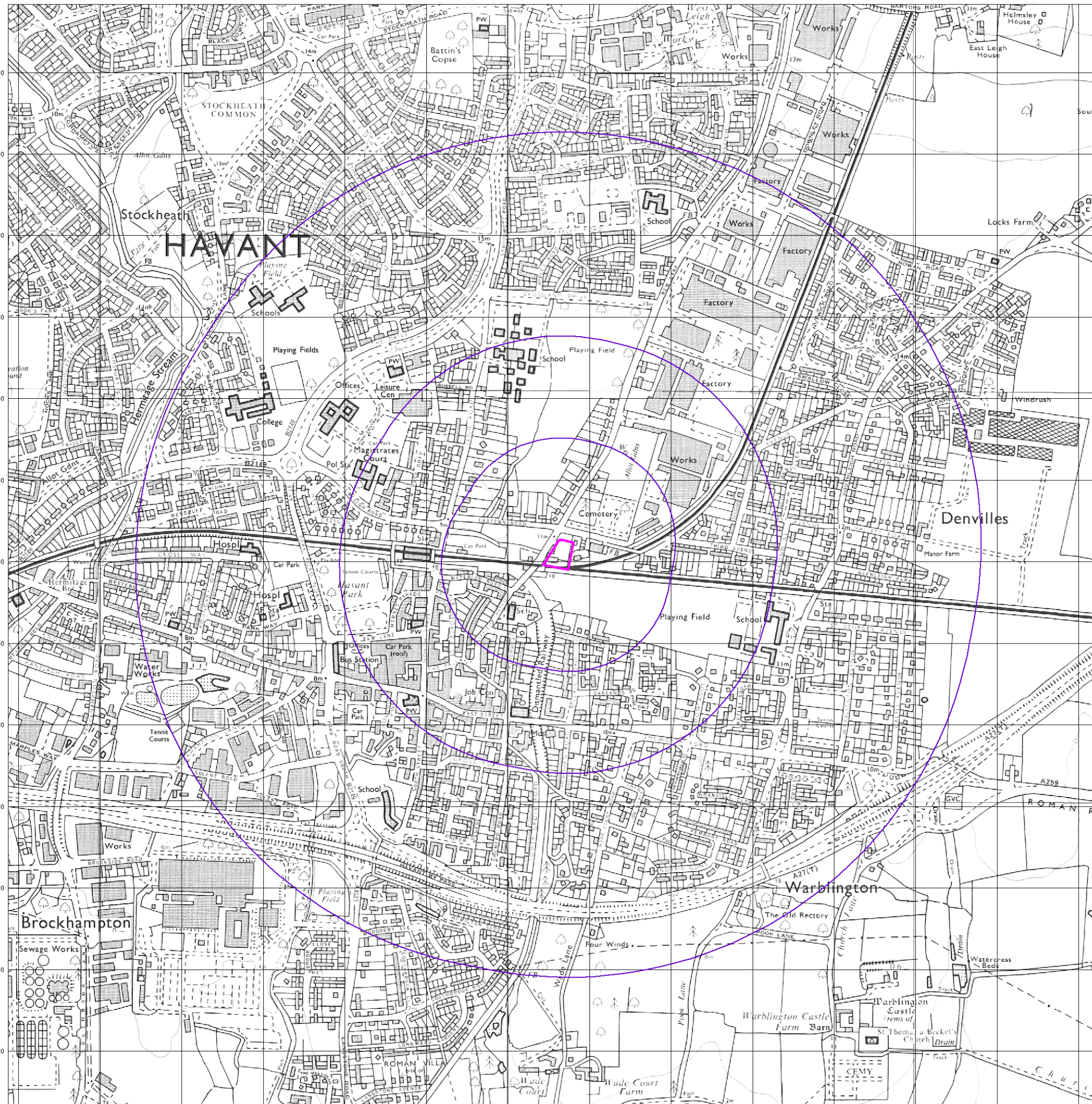
Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

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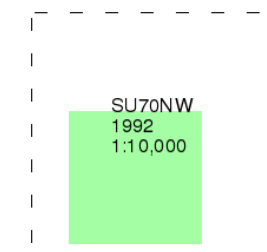
## Ordnance Survey Plan

Published 1992

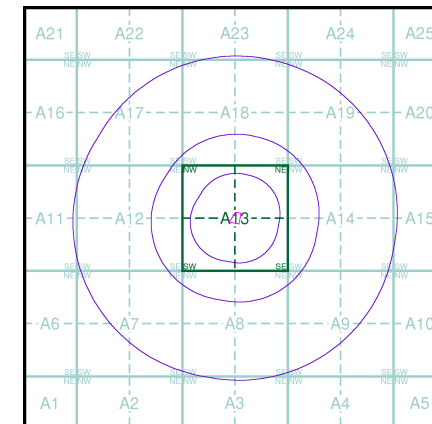
Source map scale - 1:10,000

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

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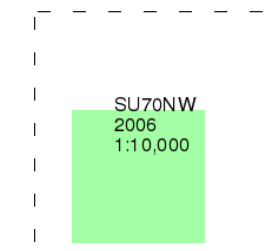
## 10k Raster Mapping

Published 2006

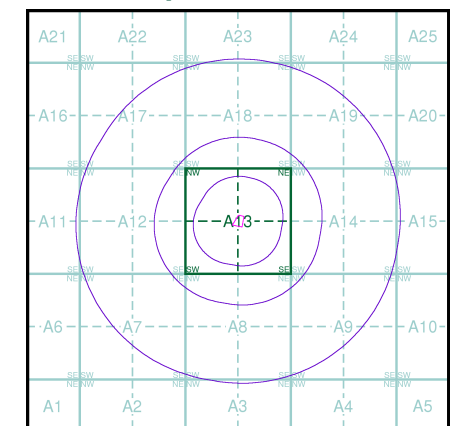
Source map scale - 1:10,000

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)



### Historical Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
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National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

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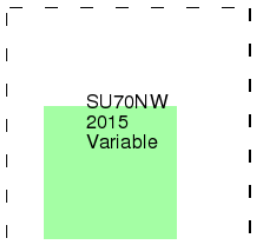
**VectorMap Local**

**Published 2015**

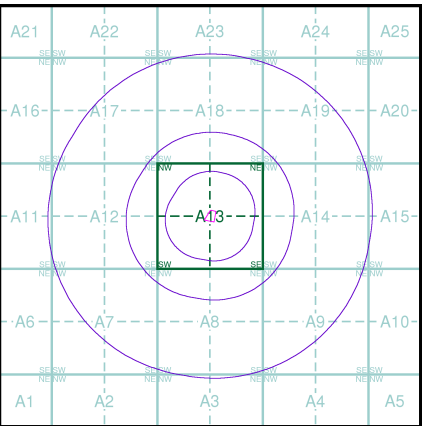
**Source map scale - 1:10,000**

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**



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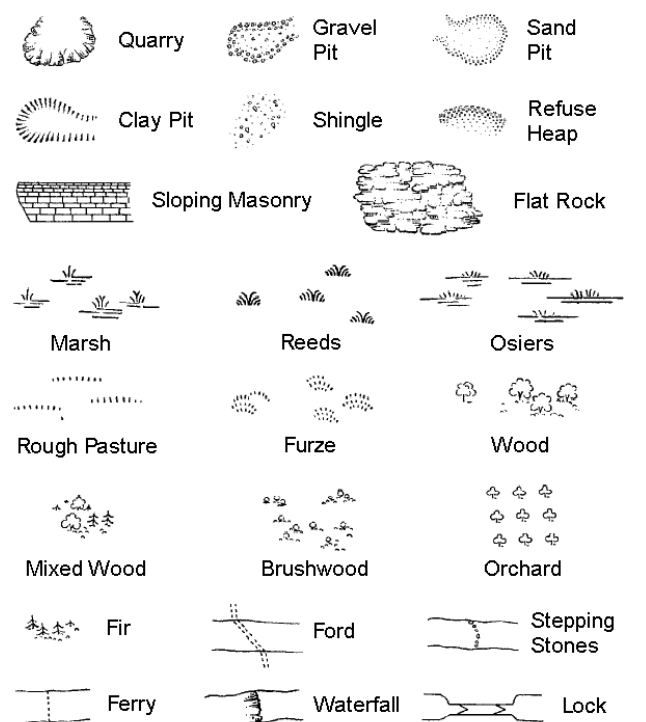
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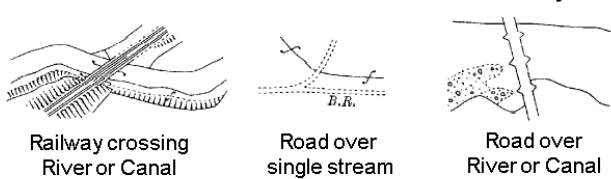
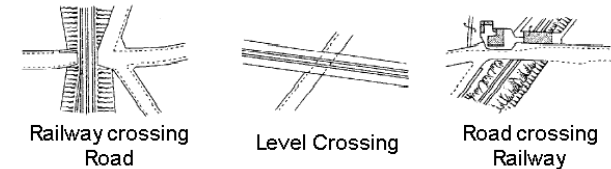
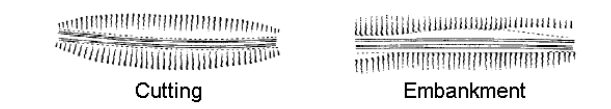


## Historical Mapping Legends

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



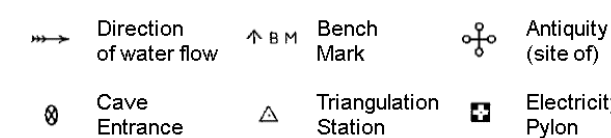
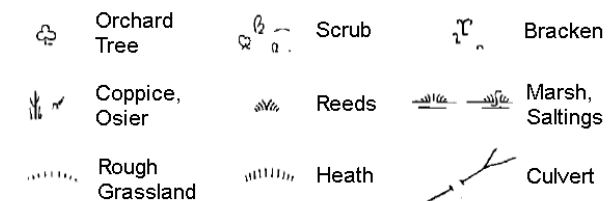
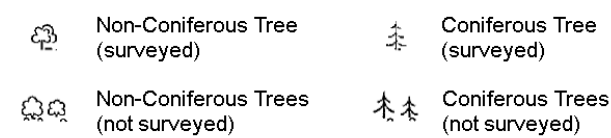
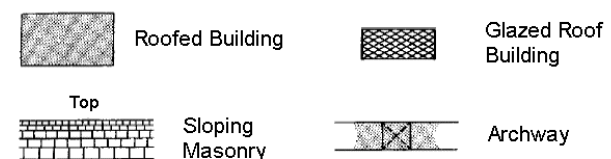
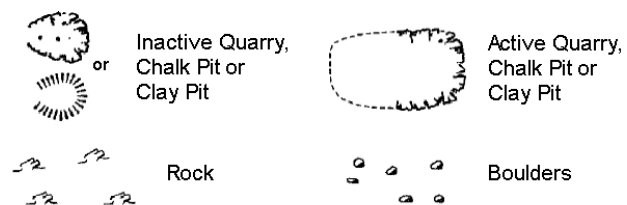
|                                                                                                |                             |                                                                                         |                           |
|------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------|---------------------------|
|             | Trig. Station               | 507  | Altitude at Trig. Station |
| B.M. 325-9  | Bench Mark                  | 342 +                                                                                   | Surface Level             |
|             | Arrow denotes flow of water |      | Antiquities (site of)     |



|                |                                               |
|----------------|-----------------------------------------------|
| — — — — —      | County Boundary (Geographical)                |
| - . - . - .    | County & Civil Parish Boundary                |
| + . + . + .    | Administrative County & Civil Parish Boundary |
| — — — — —      | County Borough Boundary (England)             |
| Co. Boro. Bdy. |                                               |
| — — — — —      | County Burgh Boundary (Scotland)              |
| Co. Burgh Bdy. |                                               |

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

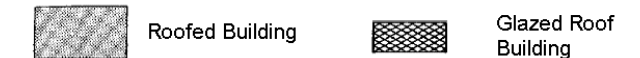
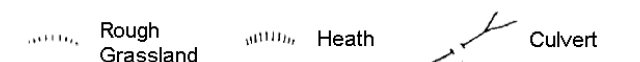
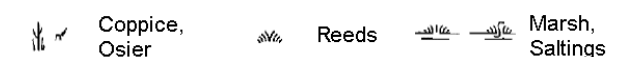
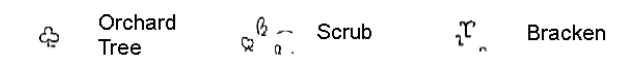
## Ordinance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information



|                                                                                       |                                                        |
|---------------------------------------------------------------------------------------|--------------------------------------------------------|
|  | County Boundary (Geographical)                         |
|  | County & Civil Parish Boundary                         |
|  | Civil Parish Boundary                                  |
|  | Admin. County or County Bor. Boundary                  |
|  | London Borough Boundary                                |
|  | Symbol marking point where boundary<br>merging changes |

|        |                            |             |                        |
|--------|----------------------------|-------------|------------------------|
| 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                   |
| EI 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



|           |                                                                                         |
|-----------|-----------------------------------------------------------------------------------------|
| • • • • • | Civil parish/community boundary                                                         |
| — —       | District boundary                                                                       |
| — • —     | County boundary                                                                         |
| o         | Boundary post/stone                                                                     |
| ⌘         | Boundary mereing symbol (note: these always appear in opposed pairs or groups of three) |

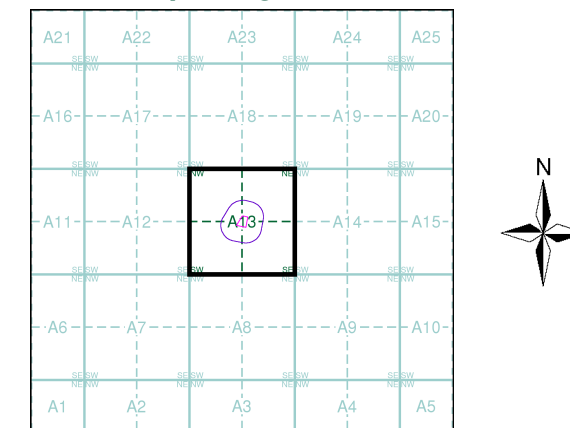
|             |                                |                |                          |
|-------------|--------------------------------|----------------|--------------------------|
| Bks         | Barracks                       | P              | Pillar, Pole or Post     |
| Bty         | Battery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



### Historical Mapping & Photography included:

| Mapping Type                             | Scale   | Date        | Pg |
|------------------------------------------|---------|-------------|----|
| Hampshire & Isle Of Wight                | 1:2,500 | 1866 - 1868 | 2  |
| Hampshire & Isle Of Wight                | 1:2,500 | 1866 - 1868 | 3  |
| Hampshire & Isle Of Wight                | 1:2,500 | 1867        | 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 | 1960 - 1962 | 10 |
| Ordnance Survey Plan                     | 1:2,500 | 1961 - 1964 | 11 |
| Ordnance Survey Plan                     | 1:1,250 | 1965 - 1973 | 12 |
| Ordnance Survey Plan                     | 1:1,250 | 1973        | 13 |
| Supply of Unpublished Survey Information | 1:1,250 | 1973        | 14 |
| Additional SIMs                          | 1:1,250 | 1978 - 1986 | 15 |
| Additional SIMs                          | 1:1,250 | 1988        | 16 |
| Large-Scale National Grid Data           | 1:1,250 | 1993        | 17 |
| Large-Scale National Grid Data           | 1:1,250 | 1996        | 18 |

## Historical Map - Segment A13



## Order Details

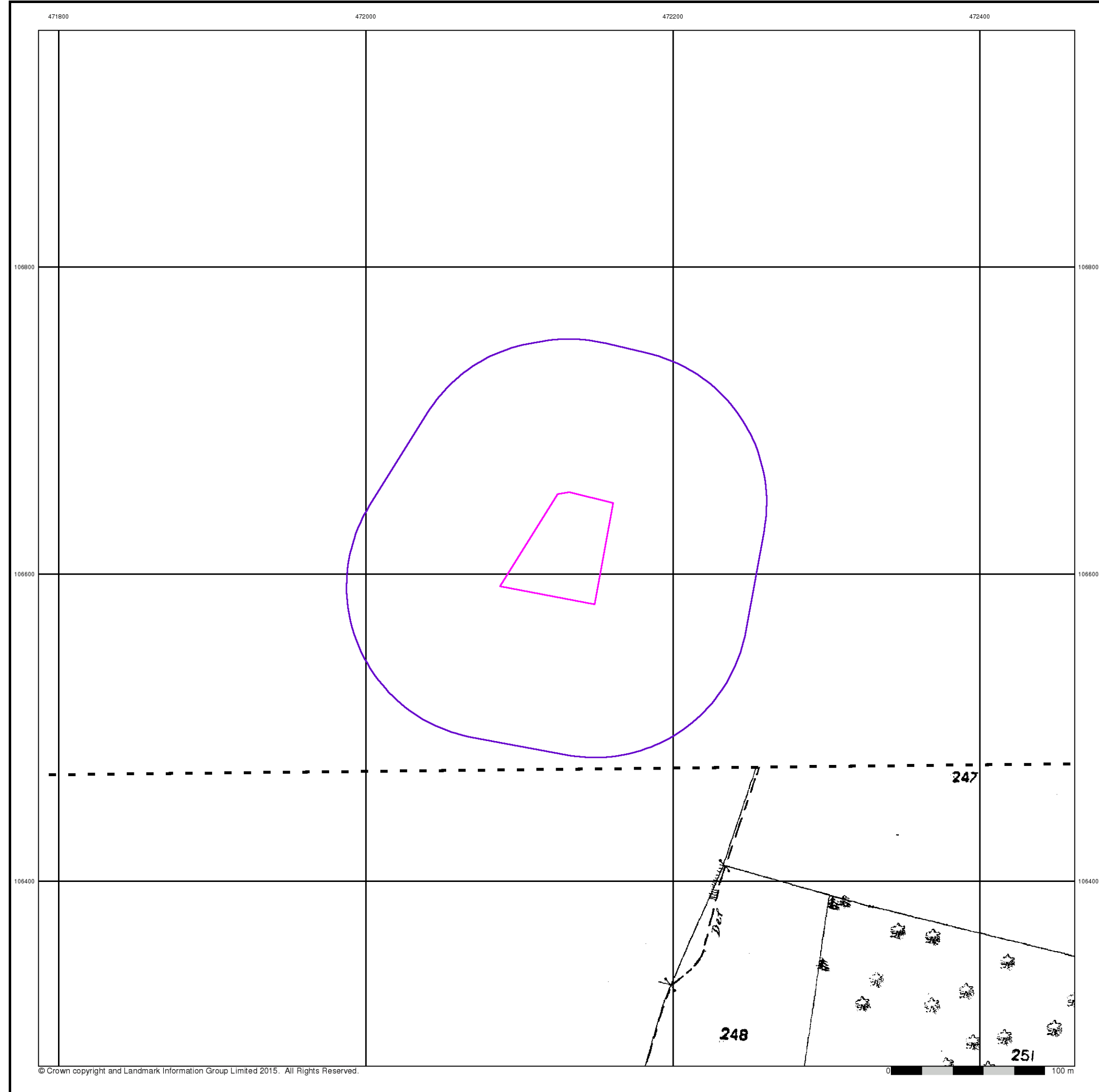
Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

## Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire,  
PO9 2JH



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



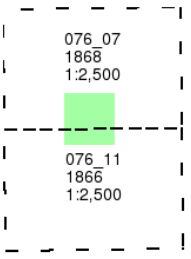
## Hampshire & Isle Of Wight

### Published 1866 - 1868

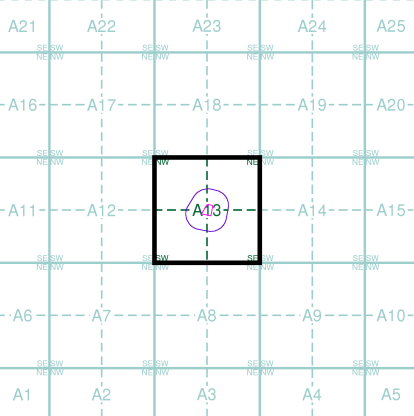
### Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

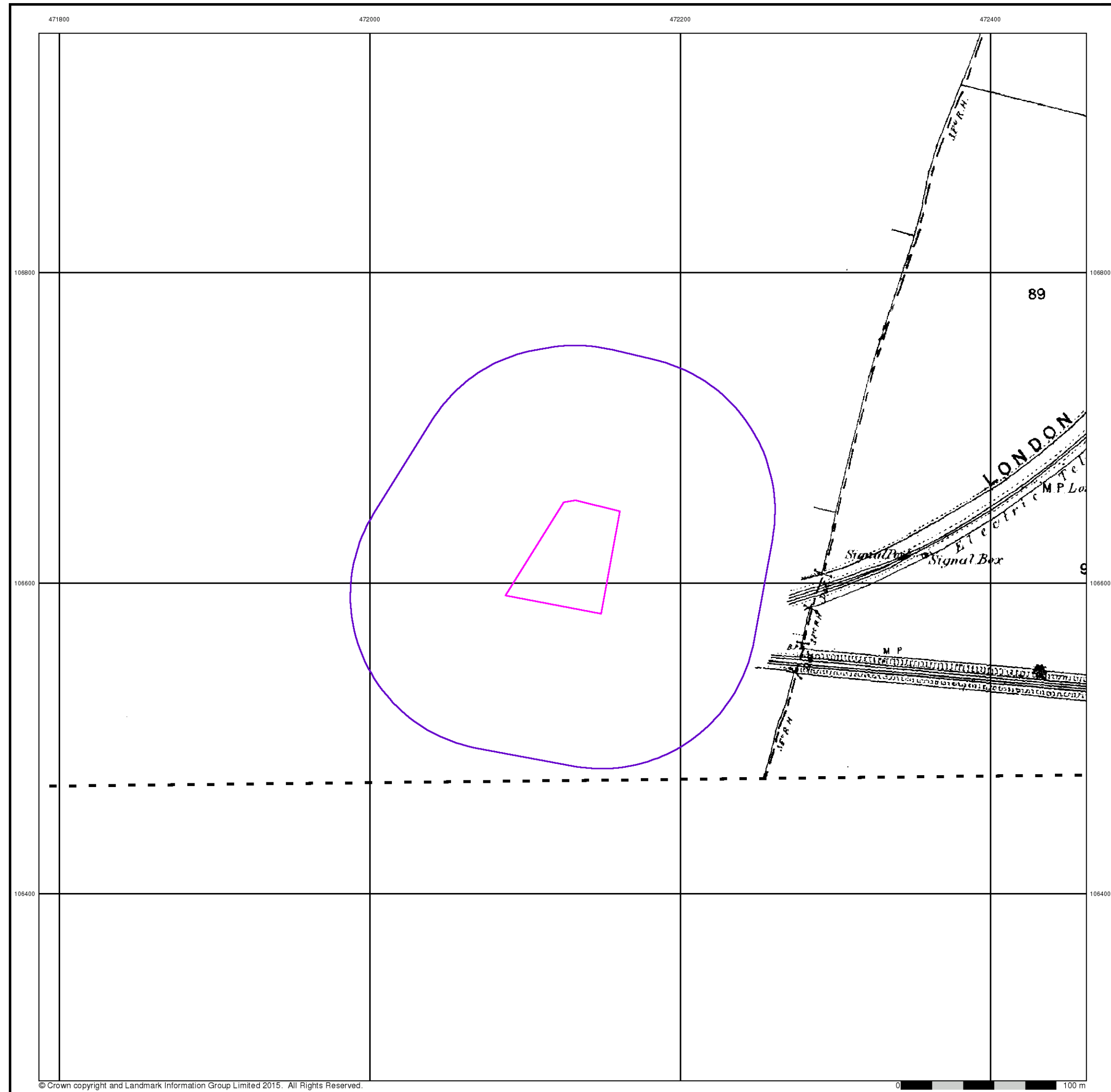
### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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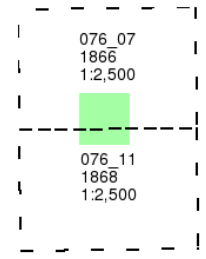
## Hampshire & Isle Of Wight

### Published 1866 - 1868

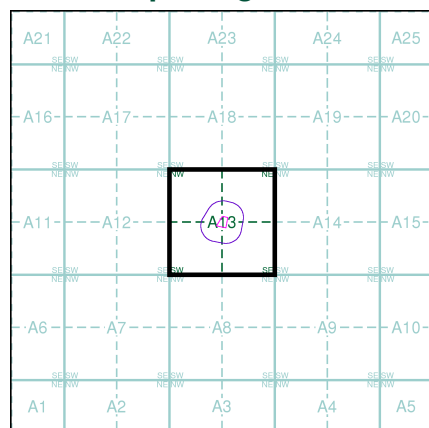
### Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13



### Order Details

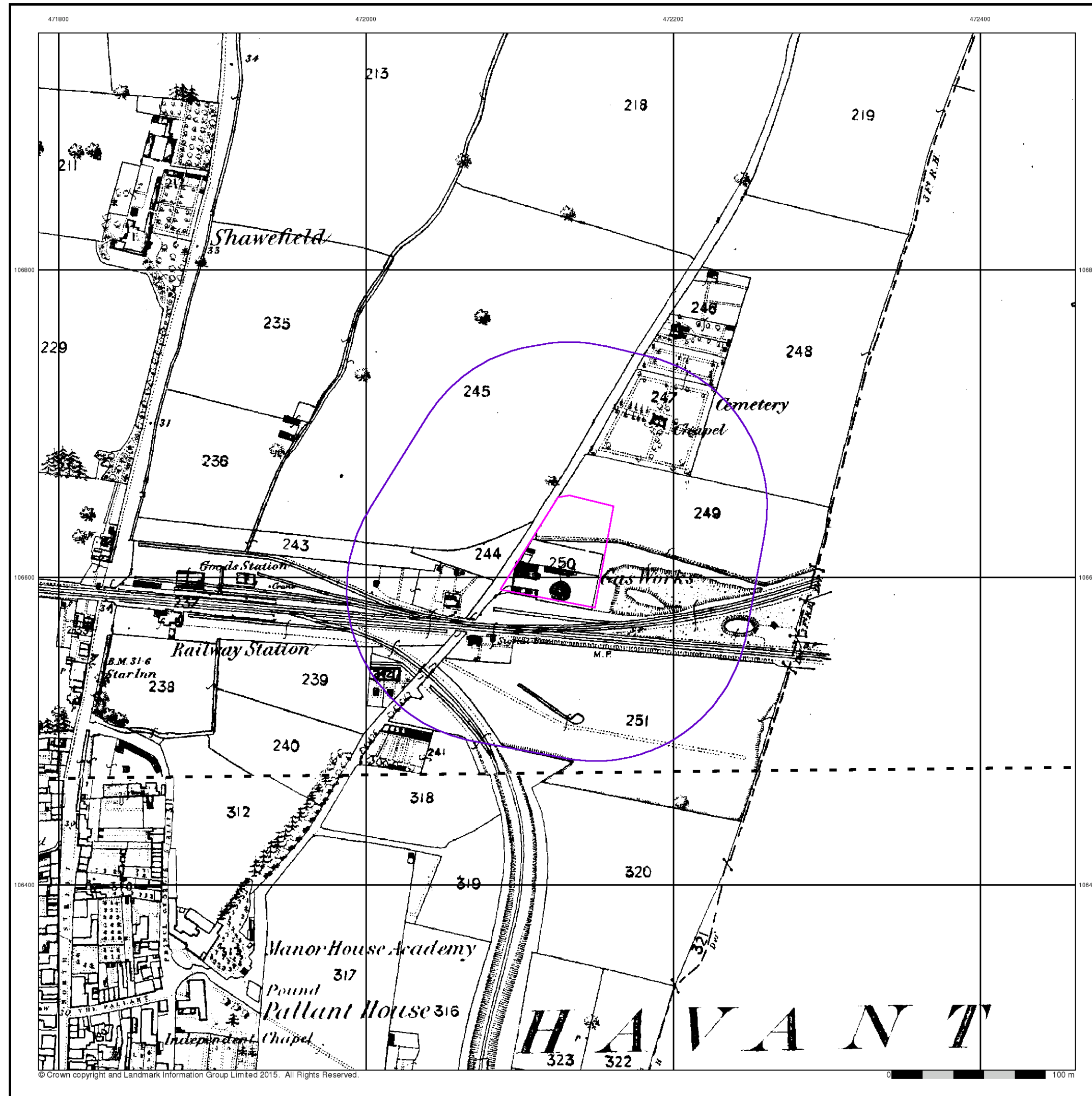
Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

### Site Details

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## Hampshire & Isle Of Wight

Published 1867

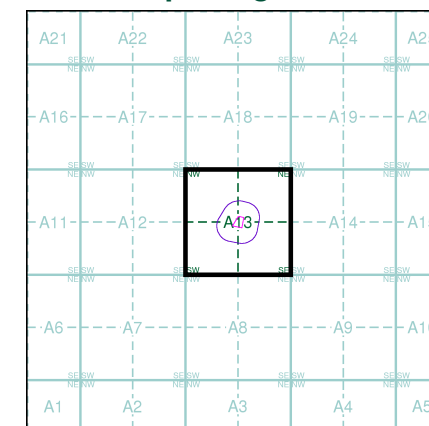
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)

|         |
|---------|
| 076_07  |
| 1867    |
| 1:2,500 |
| 076_11  |
| 1867    |
| 1:2,500 |

### Historical Map - Segment A13



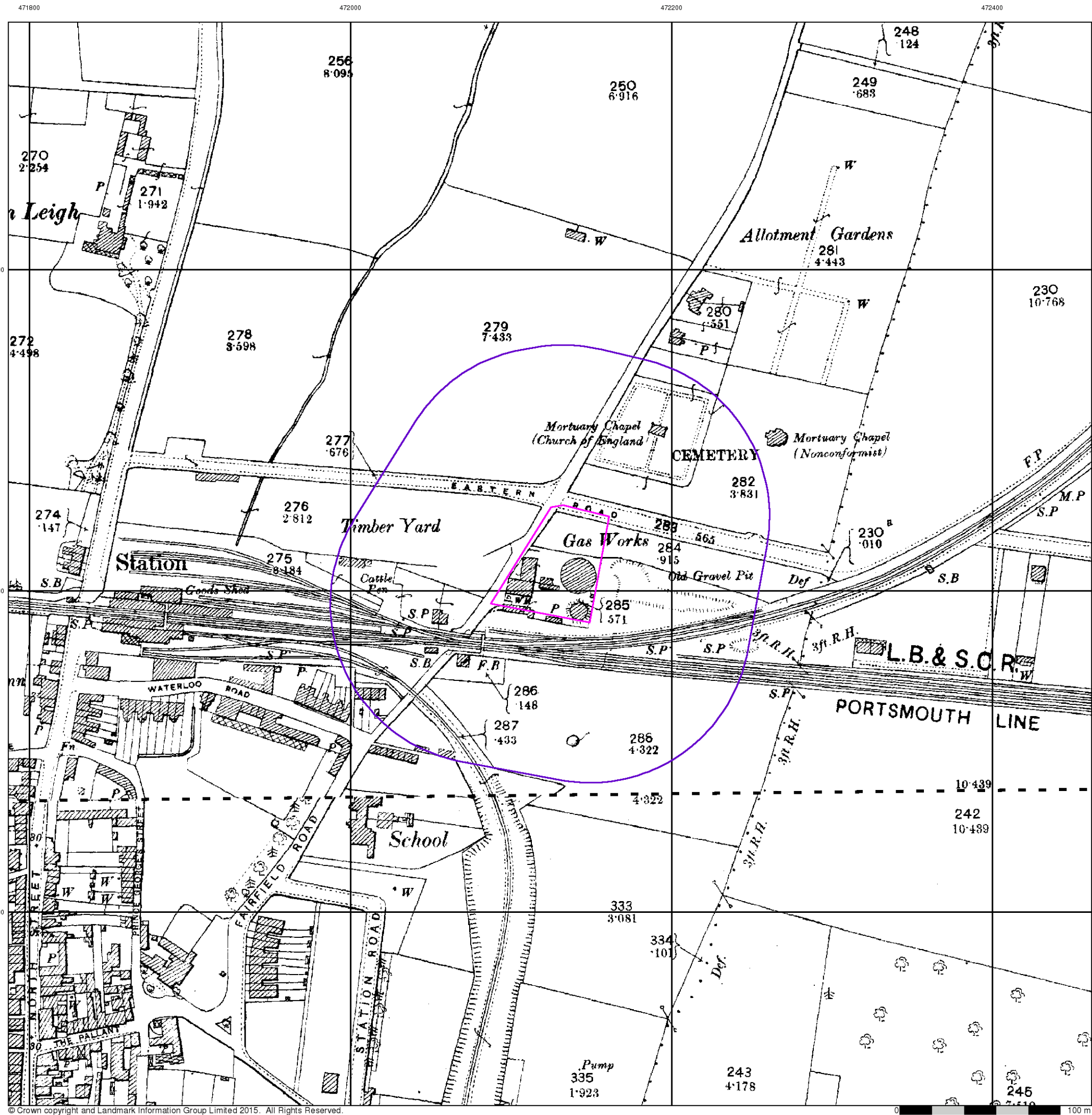
### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire,  
PO9 2JH





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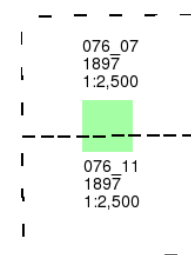
## Hampshire & Isle Of Wight

Published 1897

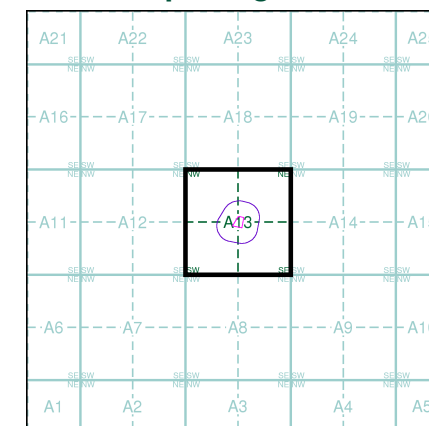
Source map scale - 1:2,500

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 A13

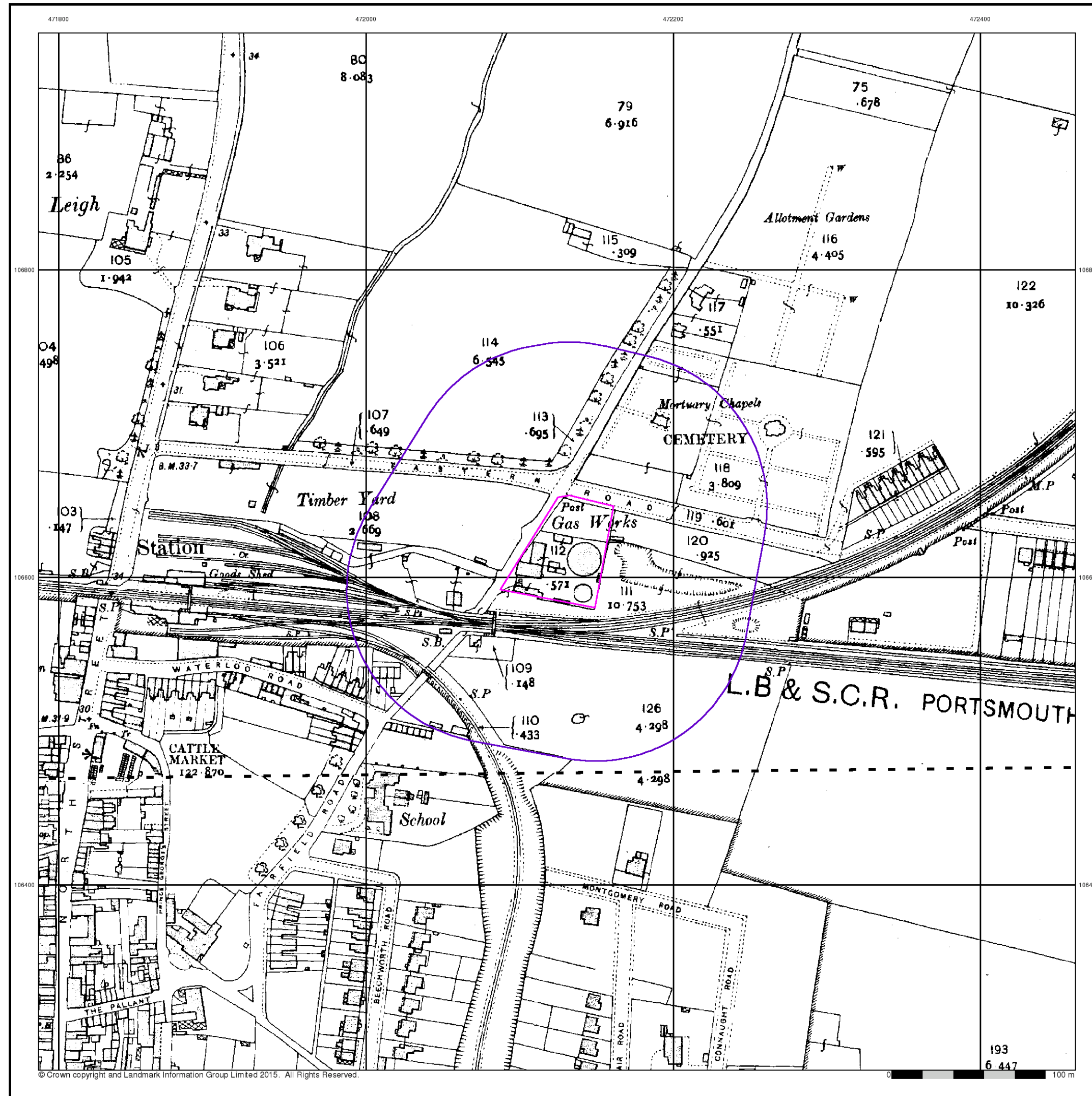


### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



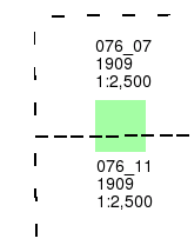
## Hampshire & Isle Of Wight

Published 1909

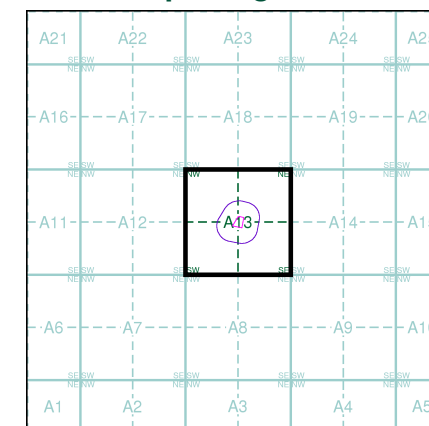
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13



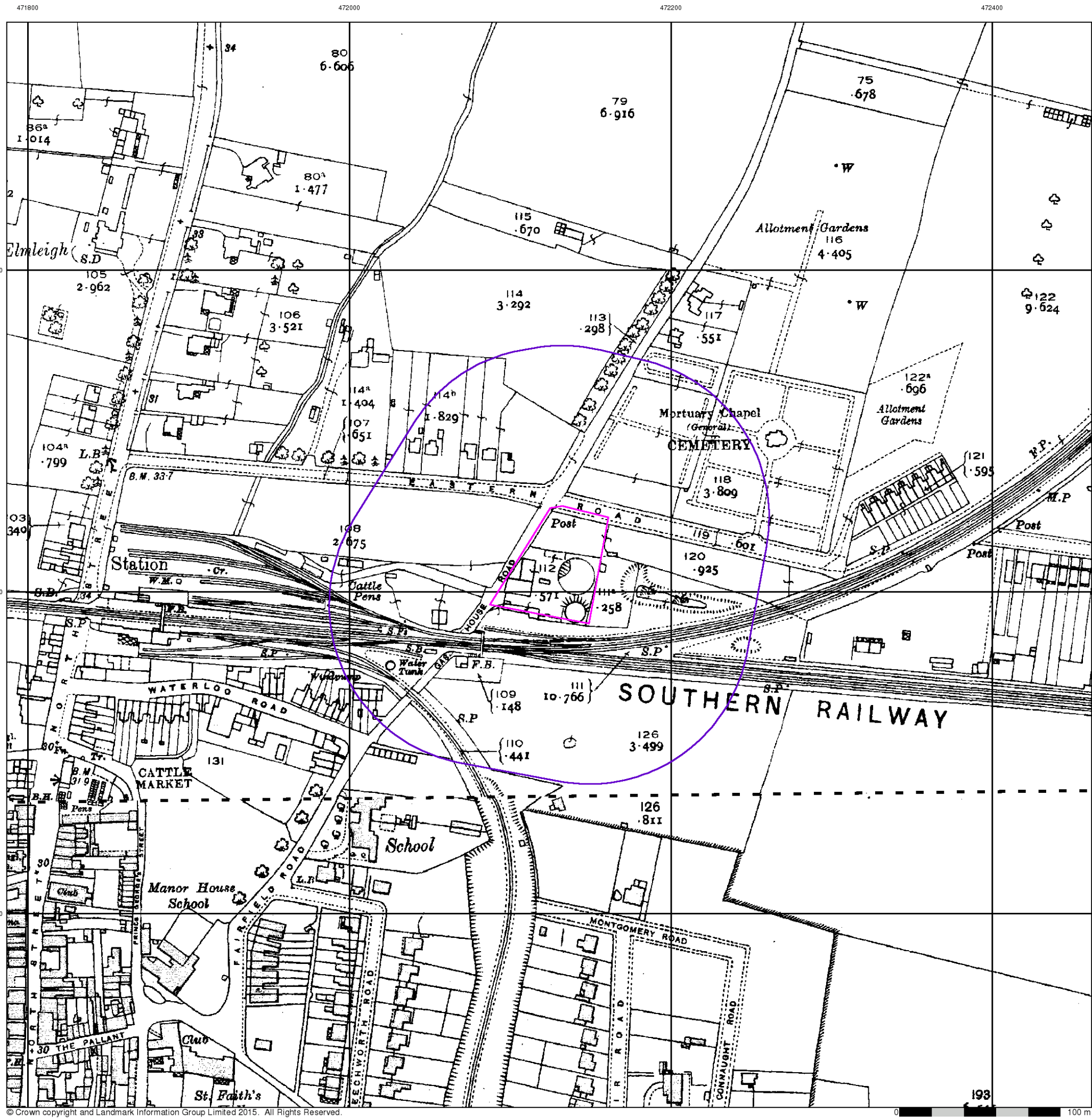
### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH





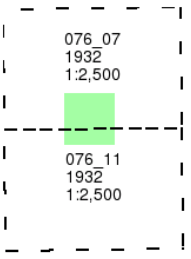
# Hampshire & Isle Of Wight

## Published 1932

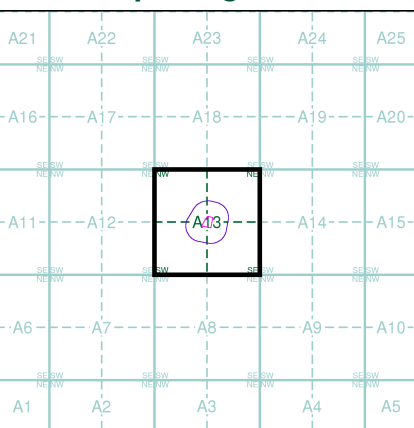
### Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

### Site Details

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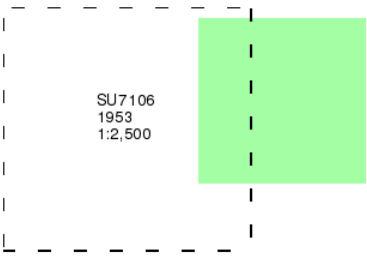




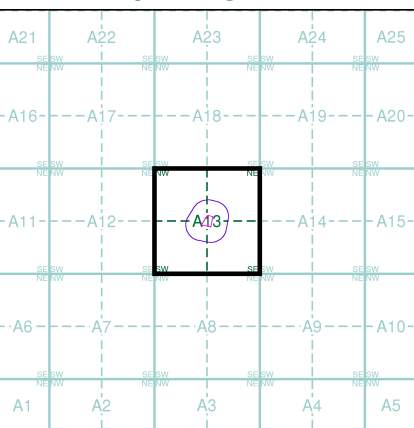
**Additional SIMs**  
**Published 1953**  
**Source map scale - 1:2,500**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

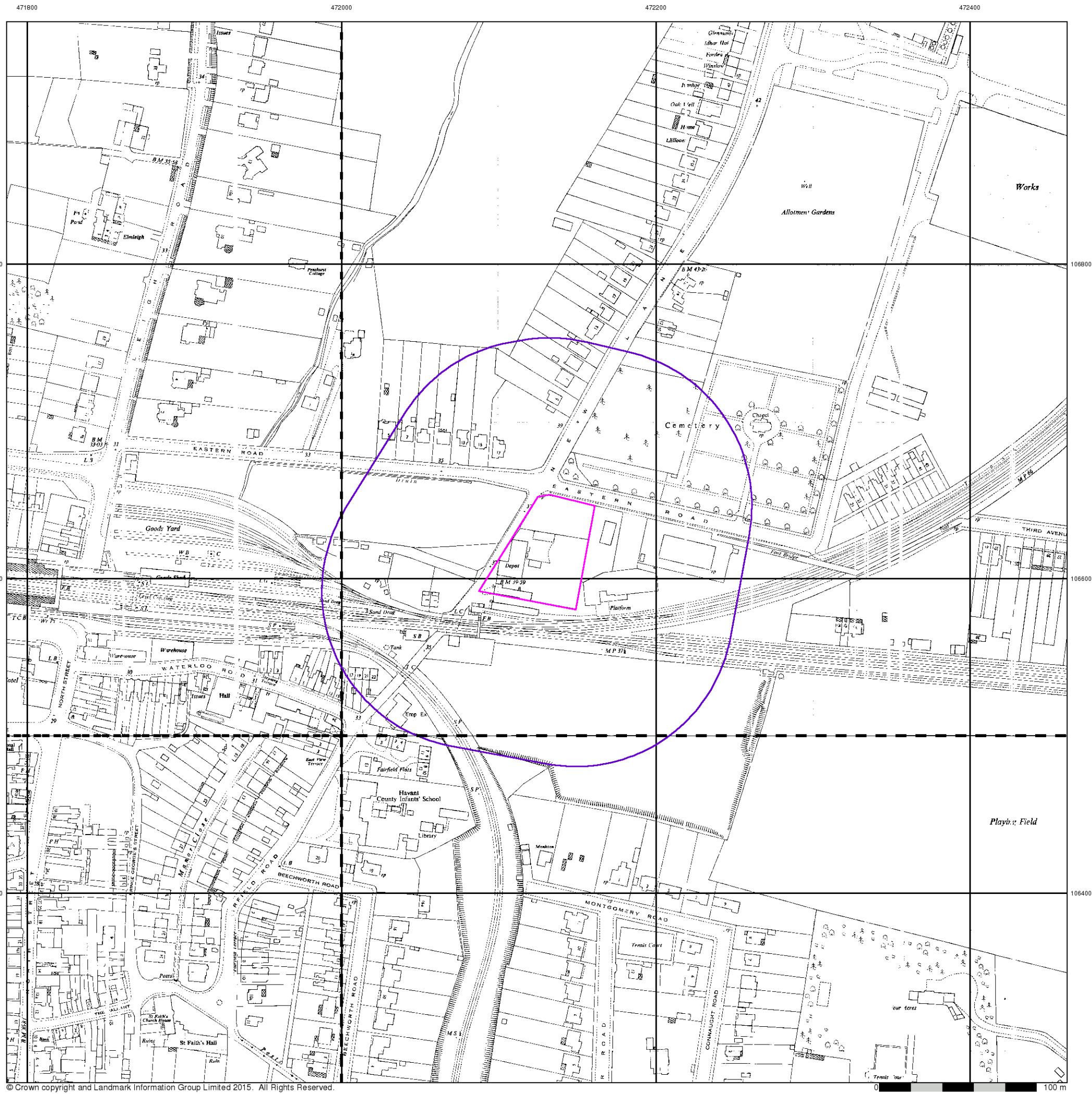
Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**

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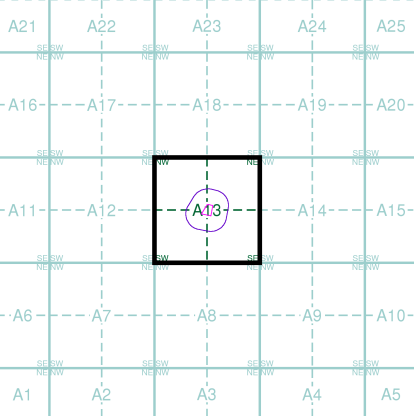
**Ordnance Survey Plan**  
**Published 1960 - 1962**  
**Source map scale - 1:1,250**

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)**

|                             |                             |
|-----------------------------|-----------------------------|
| SU7106NE<br>1960<br>1:1,250 | SU7206NW<br>1962<br>1:1,250 |
| SU7106SE<br>1960<br>1:1,250 | SU7206SW<br>1962<br>1:1,250 |

**Historical Map - Segment A13**



**Order Details**

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

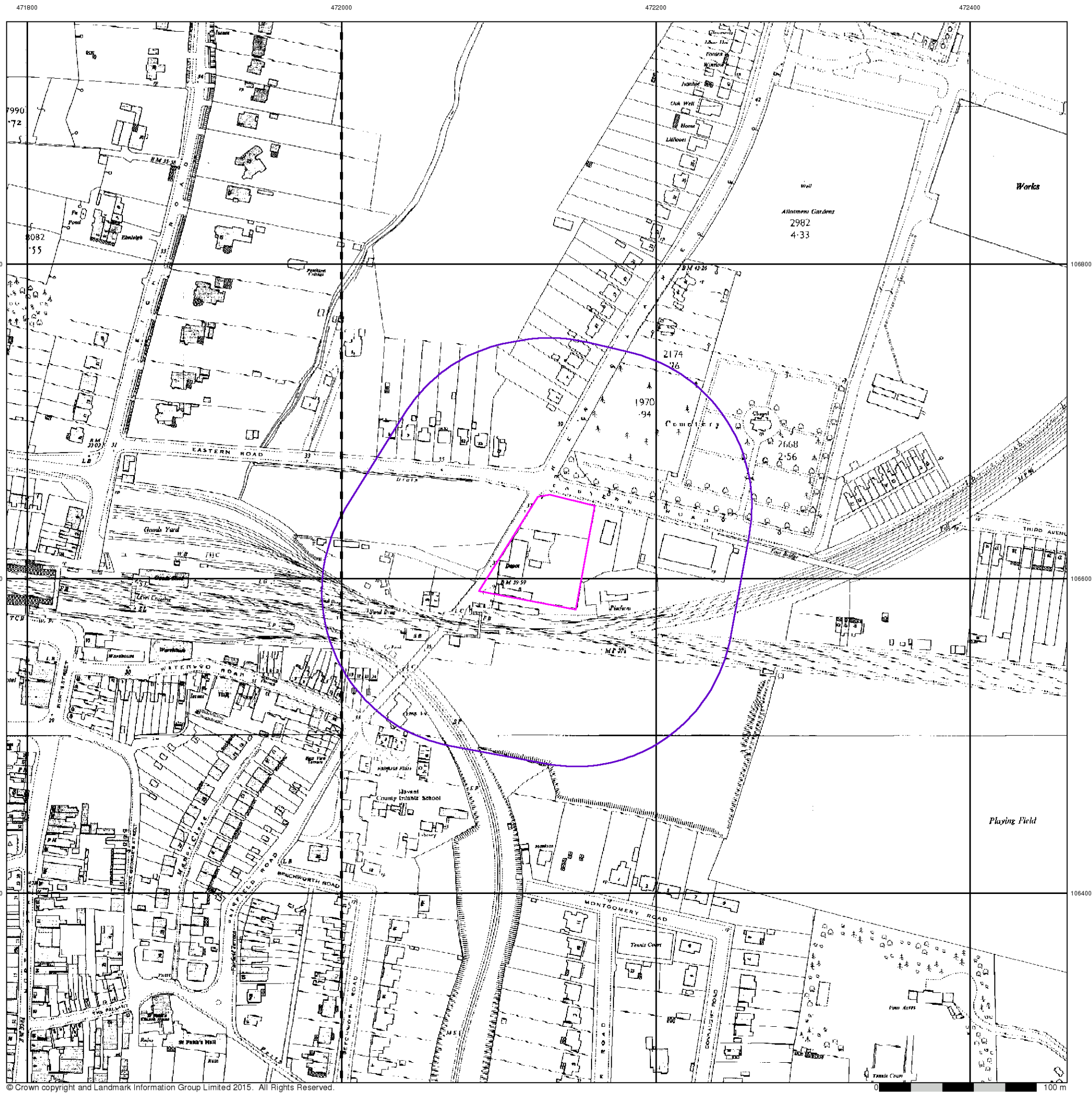
**Site Details**

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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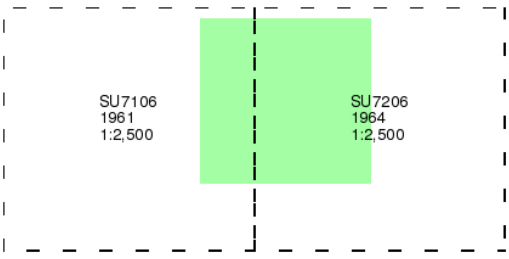
## Ordnance Survey Plan

Published 1961 - 1964

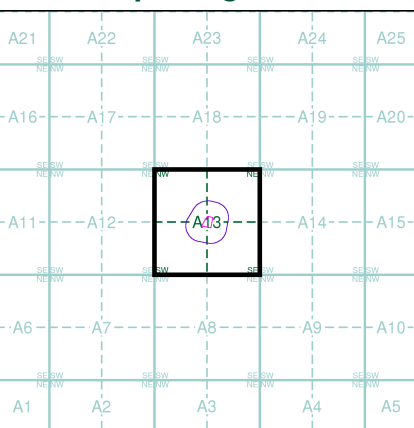
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13



### Order Details

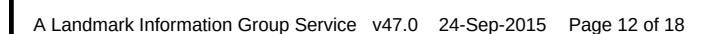
Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

### Site Details

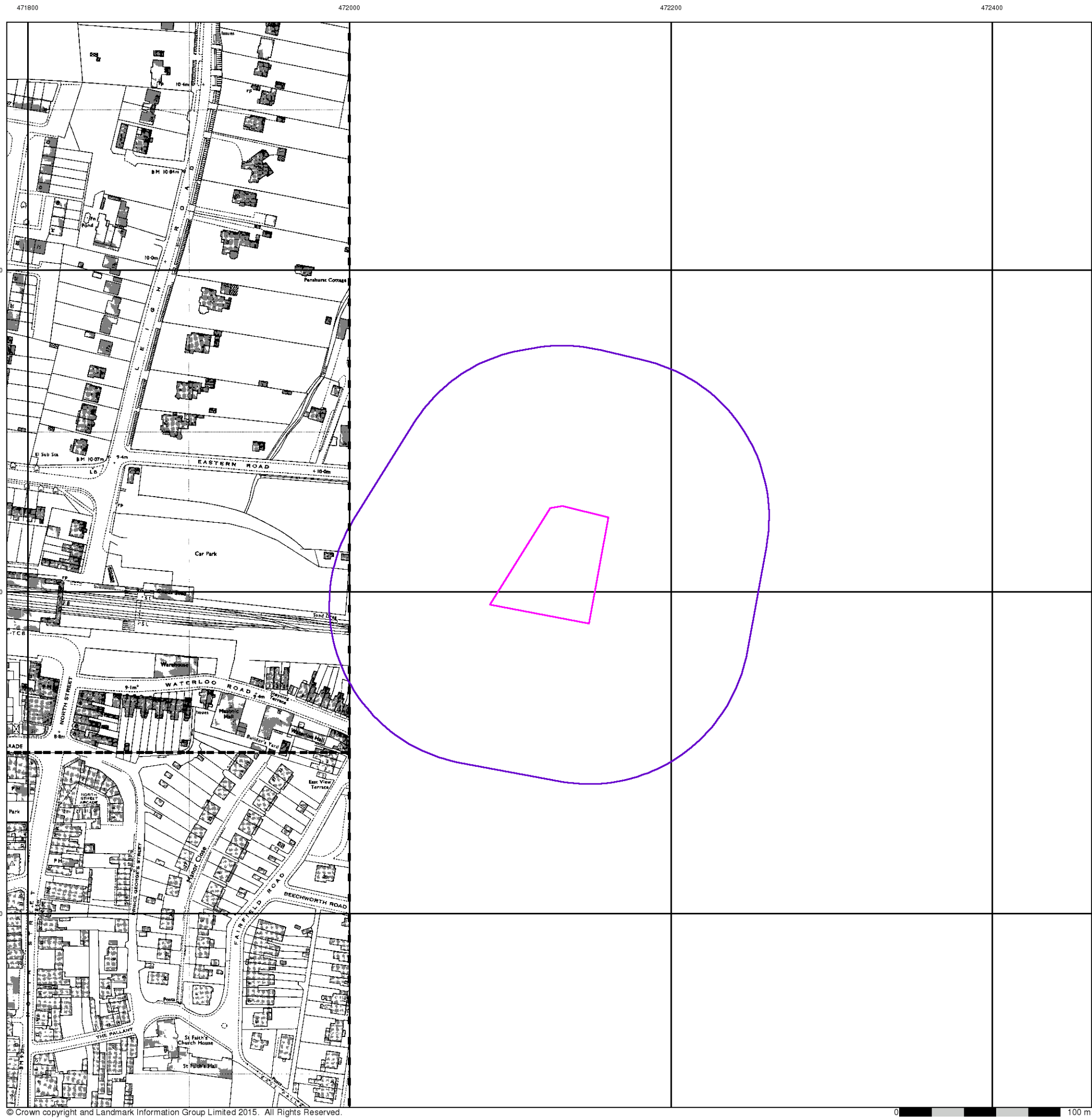
Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)







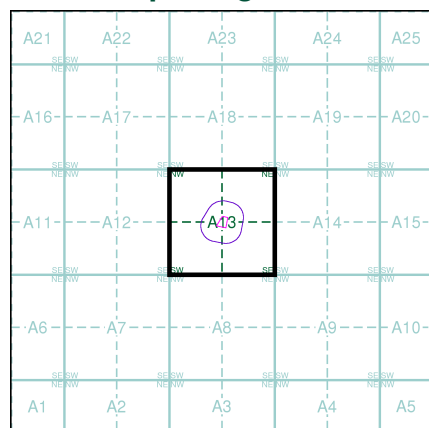
**Ordnance Survey Plan**  
**Published 1973**  
**Source map scale - 1:1,250**

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)**

|          |  |
|----------|--|
| SU7106NE |  |
| 1973     |  |
| 1:1,250  |  |
| SU7106SE |  |
| 1973     |  |
| 1:1,250  |  |

**Historical Map - Segment A13**



**Order Details**

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**

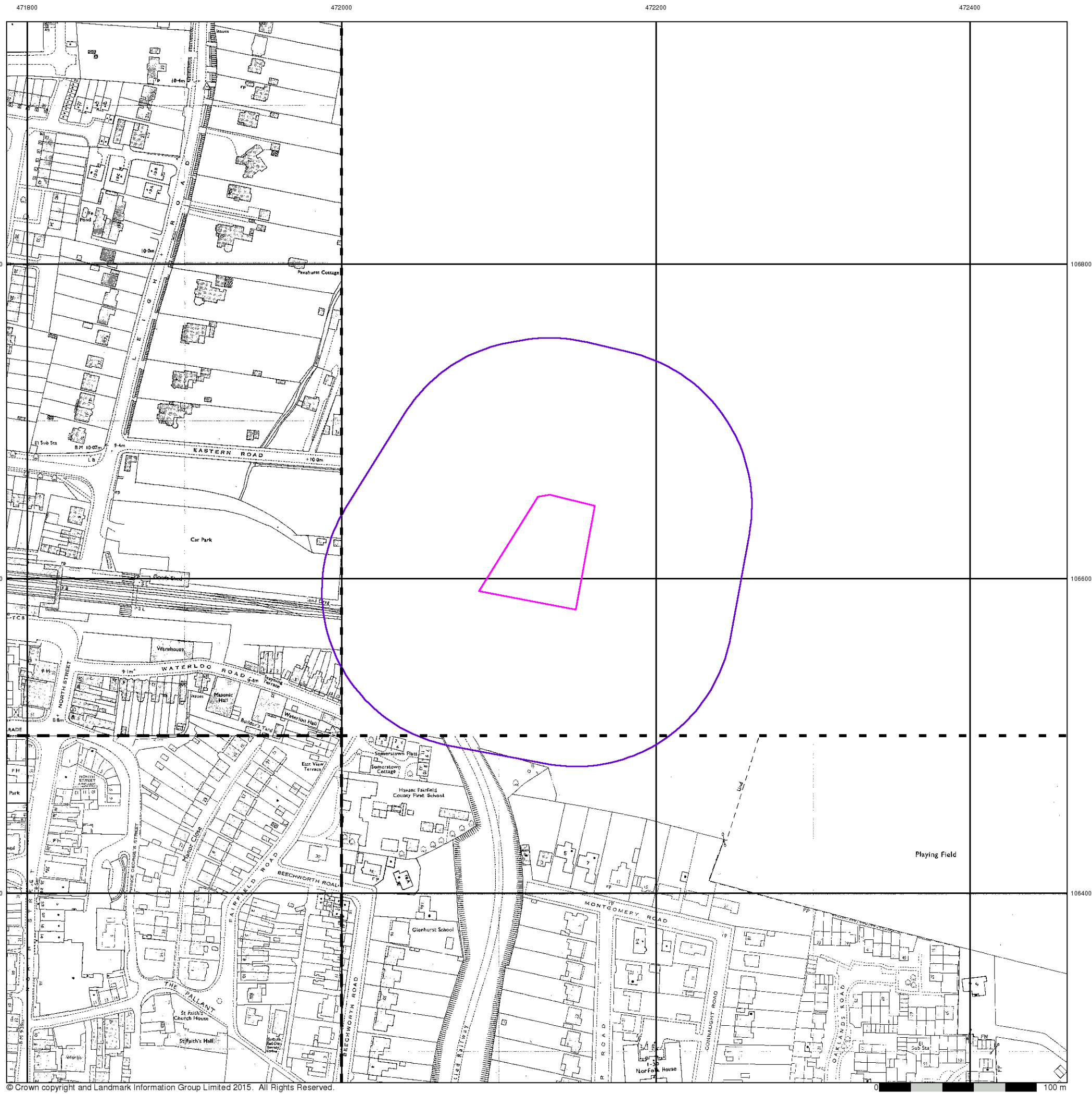
Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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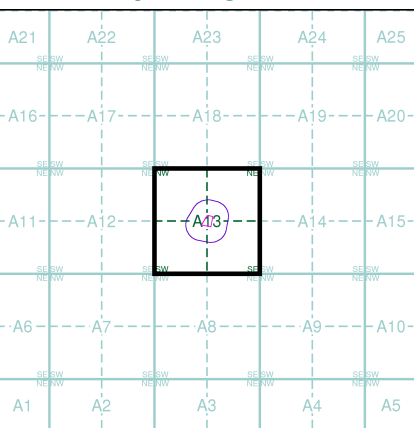
**Additional SIMs**  
**Published 1978 - 1986**  
**Source map scale - 1:1,250**

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)**

|          |          |
|----------|----------|
| SU7106NE |          |
| 1978     |          |
| 1:1,250  |          |
| SU7106SE | SU7206SW |
| 1981     | 1986     |
| 1:1,250  | 1:1,250  |

**Historical Map - Segment A13**



**Order Details**

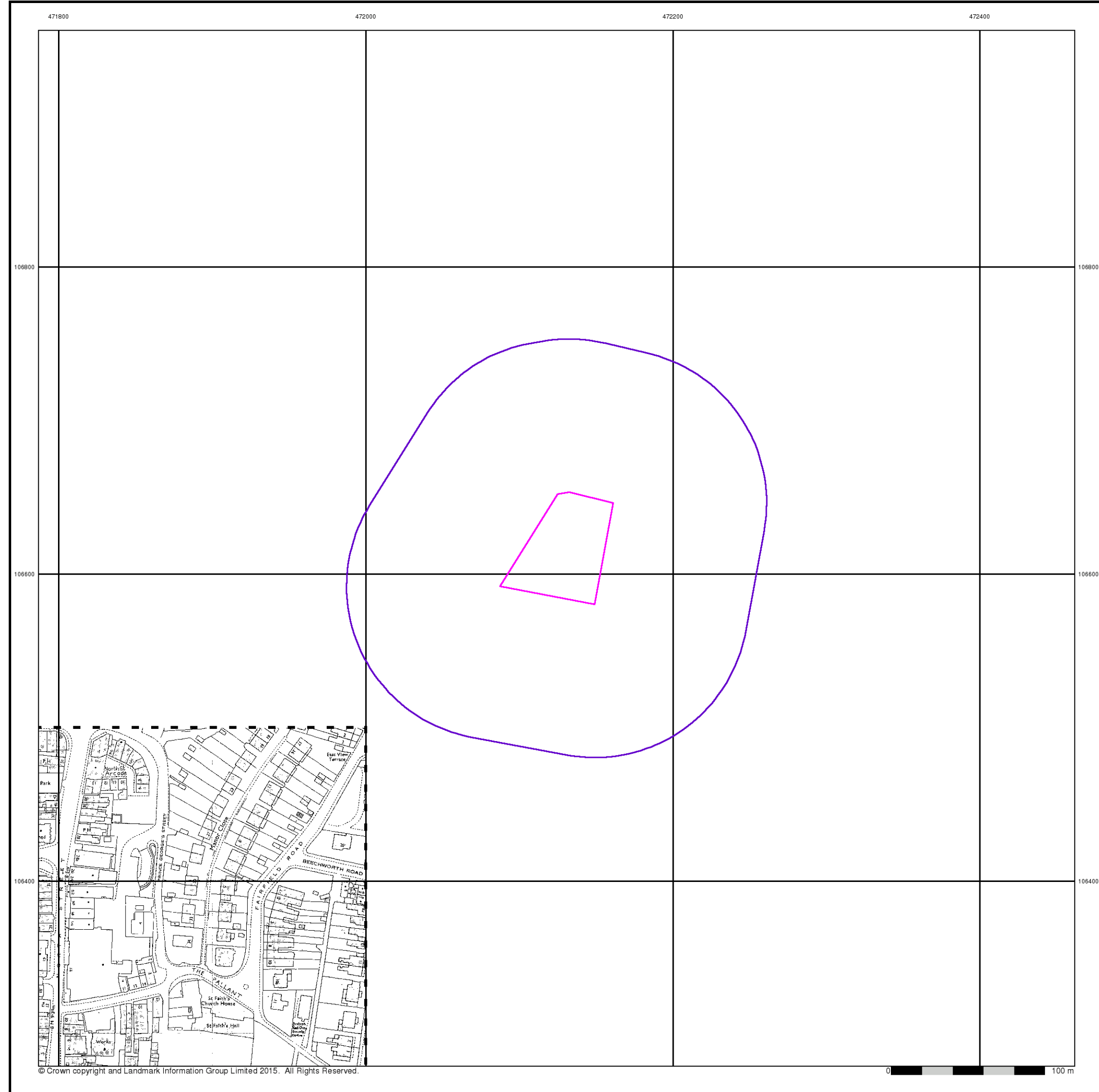
Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



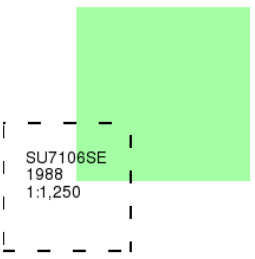
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



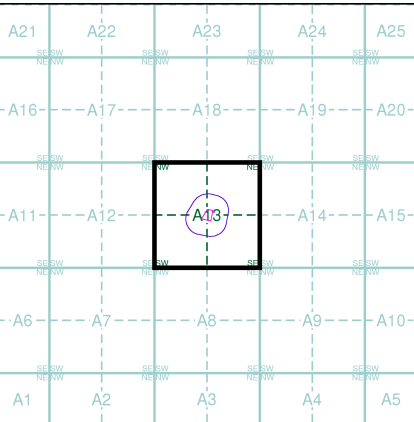
**Additional SIMs**  
**Published 1988**  
**Source map scale - 1:1,250**

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)**



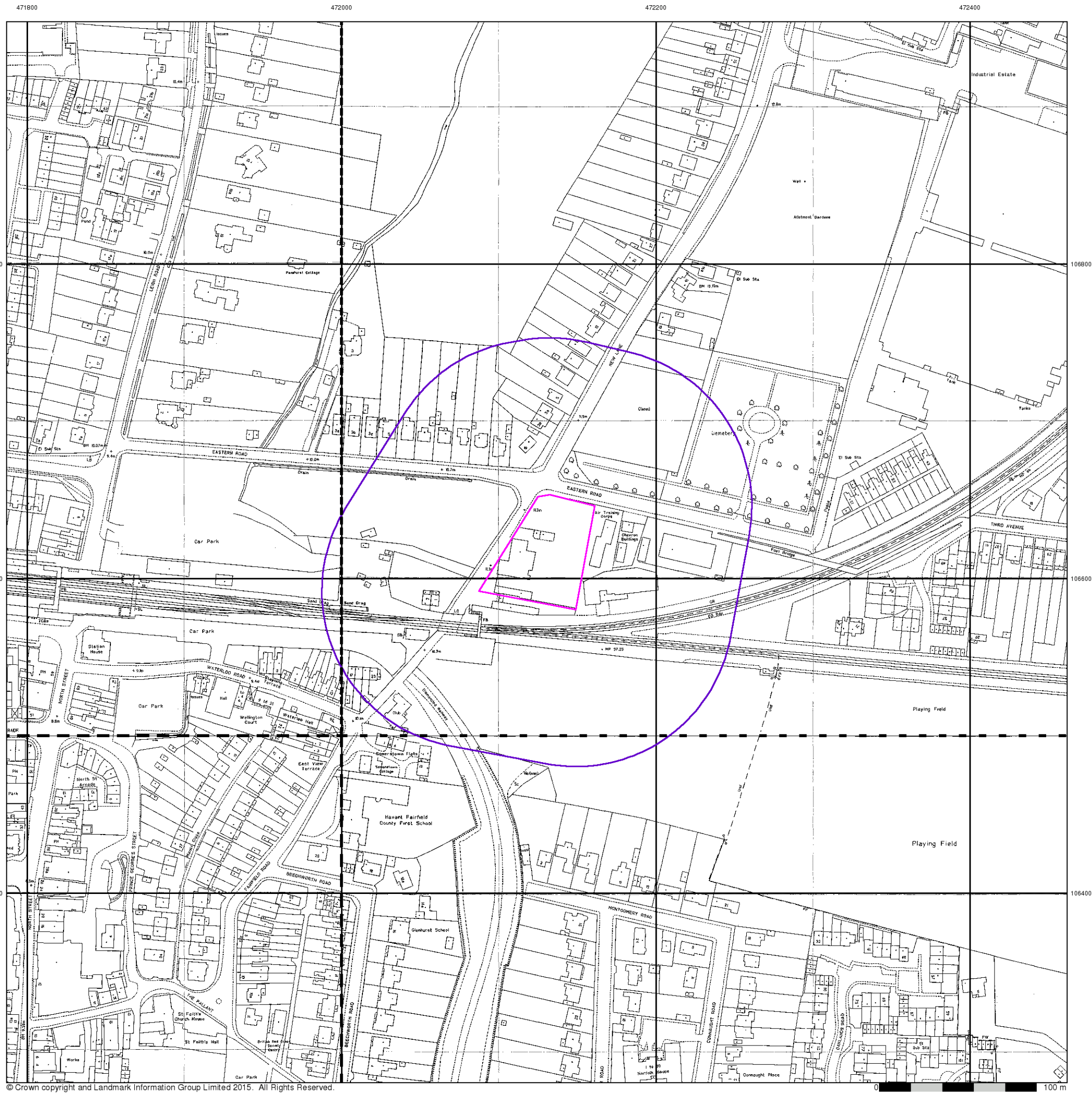
**Historical Map - Segment A13**



**Order Details**  
Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

**Site Details**  
Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH





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## Large-Scale National Grid Data

### Published 1993

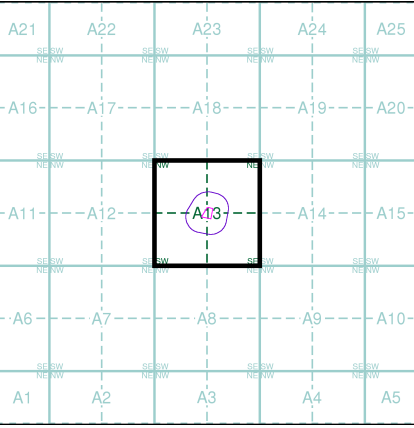
### Source map scale - 1:1,250

'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)

|                             |                             |
|-----------------------------|-----------------------------|
| SU7108NE<br>1993<br>1:1,250 | SU7208NW<br>1993<br>1:1,250 |
| SU7108SE<br>1993<br>1:1,250 | SU7208SW<br>1993<br>1:1,250 |

### Historical Map - Segment A13



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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

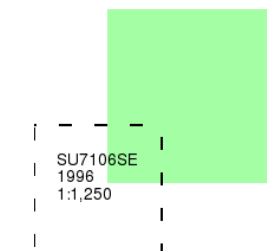
## Large-Scale National Grid Data

Published 1996

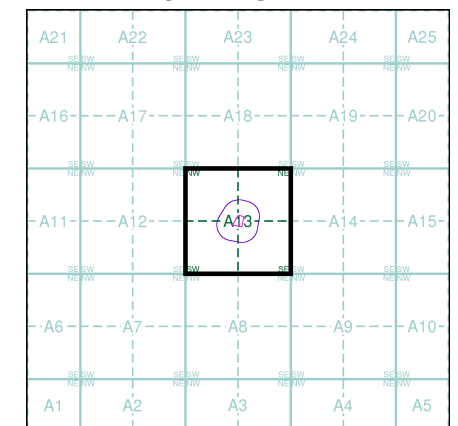
Source map scale - 1:1,250

'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 A13



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 100

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire,  
PO9 2JH



## **Appendix B Landmark Envirocheck Report**

# Envirocheck<sup>®</sup> Report:

## Datasheet

### Order Details:

**Order Number:**

72903096\_1\_1

**Customer Reference:**

15214

**National Grid Reference:**

472130, 106610

**Slice:**

A

**Site Area (Ha):**

0.34

**Search Buffer (m):**

1000

### Site Details:

Former Town Gas Works  
8, New Lane  
Havant  
Hampshire  
PO9 2JH

### Client Details:

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



| Report Section        | Page Number |
|-----------------------|-------------|
| Summary               | -           |
| Agency & Hydrological | 1           |
| Waste                 | 16          |
| Hazardous Substances  | -           |
| Geological            | 20          |
| Industrial Land Use   | 32          |
| Sensitive Land Use    | 45          |
| Data Currency         | 46          |
| Data Suppliers        | 52          |
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#### Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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#### Report Version v50.0

| Data Type                                                     | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                             |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                             |
| Discharge Consents                                            | pg 1        |         | 1         |             | 6                           |
| Enforcement and Prohibition Notices                           |             |         |           |             |                             |
| Integrated Pollution Controls                                 | pg 2        |         |           | 3           | 2                           |
| Integrated Pollution Prevention And Control                   | pg 3        |         |           | 6           |                             |
| Local Authority Integrated Pollution Prevention And Control   | pg 5        |         |           |             | 1                           |
| Local Authority Pollution Prevention and Controls             | pg 5        |         |           | 5           | 6                           |
| Local Authority Pollution Prevention and Control Enforcements | pg 6        |         |           | 1           |                             |
| Nearest Surface Water Feature                                 | pg 6        |         | Yes       |             |                             |
| Pollution Incidents to Controlled Waters                      | pg 6        |         | 5         | 1           | 9                           |
| Prosecutions Relating to Authorised Processes                 |             |         |           |             |                             |
| Prosecutions Relating to Controlled Waters                    |             |         |           |             |                             |
| Registered Radioactive Substances                             |             |         |           |             |                             |
| River Quality                                                 | pg 9        |         | 1         |             | 2                           |
| River Quality Biology Sampling Points                         |             |         |           |             |                             |
| River Quality Chemistry Sampling Points                       |             |         |           |             |                             |
| Substantiated Pollution Incident Register                     |             |         |           |             |                             |
| Water Abstractions                                            | pg 9        |         |           |             | (*9)                        |
| Water Industry Act Referrals                                  |             |         |           |             |                             |
| Groundwater Vulnerability                                     | pg 11       | Yes     | n/a       | n/a         | n/a                         |
| Bedrock Aquifer Designations                                  | pg 12       | Yes     | n/a       | n/a         | n/a                         |
| Superficial Aquifer Designations                              | pg 12       | Yes     | n/a       | n/a         | n/a                         |
| Source Protection Zones                                       | pg 12       | 1       |           | 1           | 1                           |
| Extreme Flooding from Rivers or Sea without Defences          | pg 12       |         | Yes       | n/a         | n/a                         |
| Flooding from Rivers or Sea without Defences                  | pg 13       |         | Yes       | n/a         | n/a                         |
| Areas Benefiting from Flood Defences                          |             |         |           | n/a         | n/a                         |
| Flood Water Storage Areas                                     |             |         |           | n/a         | n/a                         |
| Flood Defences                                                |             |         |           | n/a         | n/a                         |
| Detailed River Network Lines                                  | pg 14       |         | Yes       | Yes         | n/a                         |
| Detailed River Network Offline Drainage                       | pg 15       |         |           | Yes         | n/a                         |



| Data Type                                                           | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Waste</b>                                                        |             |         |           |             |                             |
| BGS Recorded Landfill Sites                                         |             |         |           |             |                             |
| Historical Landfill Sites                                           |             |         |           |             |                             |
| Integrated Pollution Control Registered Waste Sites                 |             |         |           |             |                             |
| Licensed Waste Management Facilities (Landfill Boundaries)          |             |         |           |             |                             |
| Licensed Waste Management Facilities (Locations)                    | pg 16       | 1       |           |             | 1                           |
| Local Authority Recorded Landfill Sites                             |             |         |           |             |                             |
| Registered Landfill Sites                                           |             |         |           |             |                             |
| Registered Waste Transfer Sites                                     | pg 17       | 1       |           |             | 1                           |
| Registered Waste Treatment or Disposal Sites                        | pg 18       |         |           |             | 3                           |
| <b>Hazardous Substances</b>                                         |             |         |           |             |                             |
| Control of Major Accident Hazards Sites (COMAH)                     |             |         |           |             |                             |
| Explosive Sites                                                     |             |         |           |             |                             |
| Notification of Installations Handling Hazardous Substances (NIHHS) |             |         |           |             |                             |
| Planning Hazardous Substance Consents                               |             |         |           |             |                             |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                             |
| <b>Geological</b>                                                   |             |         |           |             |                             |
| BGS 1:625,000 Solid Geology                                         | pg 20       | Yes     | n/a       | n/a         | n/a                         |
| BGS Estimated Soil Chemistry                                        | pg 20       | Yes     | Yes       | Yes         | Yes                         |
| BGS Recorded Mineral Sites                                          | pg 30       |         | 1         |             | 4                           |
| BGS Urban Soil Chemistry                                            |             |         |           |             |                             |
| BGS Urban Soil Chemistry Averages                                   |             |         |           |             |                             |
| Brine Compensation Area                                             |             |         | 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 31       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Compressible Ground Stability Hazards                 |             |         |           | n/a         | n/a                         |
| Potential for Ground Dissolution Stability Hazards                  |             |         |           | n/a         | n/a                         |
| Potential for Landslide Ground Stability Hazards                    | pg 31       | Yes     |           | n/a         | n/a                         |
| Potential for Running Sand Ground Stability Hazards                 | pg 31       | Yes     |           | n/a         | n/a                         |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   | pg 31       | Yes     | Yes       | n/a         | n/a                         |
| Radon Potential - Radon Affected Areas                              | pg 31       | Yes     | n/a       | n/a         | n/a                         |
| Radon Potential - Radon Protection Measures                         |             |         | n/a       | n/a         | n/a                         |

| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m<br>(*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|--------------------------------|
| <b>Industrial Land Use</b>           |             |         |           |             |                                |
| Contemporary Trade Directory Entries | pg 32       | 3       | 2         | 26          | 110                            |
| Fuel Station Entries                 | pg 43       |         |           |             | 3                              |
| <b>Sensitive Land Use</b>            |             |         |           |             |                                |
| Areas of Adopted Green Belt          |             |         |           |             |                                |
| Areas of Unadopted Green Belt        |             |         |           |             |                                |
| Areas of Outstanding Natural Beauty  | pg 45       |         |           |             | 1                              |
| Environmentally Sensitive Areas      |             |         |           |             |                                |
| Forest Parks                         |             |         |           |             |                                |
| Local Nature Reserves                |             |         |           |             |                                |
| Marine Nature Reserves               |             |         |           |             |                                |
| National Nature Reserves             |             |         |           |             |                                |
| National Parks                       |             |         |           |             |                                |
| Nitrate Sensitive Areas              |             |         |           |             |                                |
| Nitrate Vulnerable Zones             | pg 45       | 1       |           | 1           |                                |
| Ramsar Sites                         |             |         |           |             |                                |
| Sites of Special Scientific Interest |             |         |           |             |                                |
| Special Areas of Conservation        |             |         |           |             |                                |
| Special Protection Areas             |             |         |           |             |                                |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 1      | <b>Discharge Consents</b><br>Operator: Southern Water Services Ltd (H)<br>Property Type: Undefined Or Other<br>Location: Eastern Road, Havant, Hampshire<br>Authority: Environment Agency, Southern Region<br>Catchment Area: Lavant<br>Reference: H01597<br>Permit Version: 1<br>Effective Date: 18th January 1963<br>Issued Date: 18th January 1963<br>Revocation Date: 23rd February 2010<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Freshwater Stream Or River<br><b>Status:</b> <b>Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A13NW (W)                              | 167                          | 2       | 471940<br>106670 |
| 2      | <b>Discharge Consents</b><br>Operator: Havant Borough Council<br>Property Type: Extraction Of Other Minerals<br>Location: Bus Station At Elm Road, Havant Hampshire<br>Authority: Environment Agency, Southern Region<br>Catchment Area: Not Supplied<br>Reference: N01228<br>Permit Version: 2<br>Effective Date: 14th February 1996<br>Issued Date: 14th February 1996<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Effluent Discharge-Site Drainage<br>Discharge: Saline Estuary<br>Environment:<br>Receiving Water: Saline Estuary<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 100m     | A12SE (W)                              | 524                          | 2       | 471600<br>106400 |
| 2      | <b>Discharge Consents</b><br>Operator: Stagecoach (South) Ltd<br>Property Type: Extraction Of Other Minerals<br>Location: Bus Station At Elm Road, Havant Hampshire<br>Authority: Environment Agency, Southern Region<br>Catchment Area: Not Given<br>Reference: N01228<br>Permit Version: 1<br>Effective Date: 26th November 1979<br>Issued Date: 26th November 1979<br>Revocation Date: 14th February 1996<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Saline Estuary<br>Environment:<br>Receiving Water: Saline Estuary<br><b>Status:</b> <b>Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b><br>Positional Accuracy: Located by supplier to within 100m                              | A12SE (W)                              | 524                          | 2       | 471600<br>106400 |
| 3      | <b>Discharge Consents</b><br>Operator: Mr D.S. Hughes F.R.I.C.S.<br>Property Type: Undefined Or Other<br>Location: 62-66 West Street, Havant Hampshire<br>Authority: Environment Agency, Southern Region<br>Catchment Area: Not Given<br>Reference: N01171<br>Permit Version: 1<br>Effective Date: 4th June 1982<br>Issued Date: 4th June 1982<br>Revocation Date: 31st March 1997<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Freshwater River<br><b>Status:</b> <b>Lapsed (under Environment Act 1995, Schedule 23)</b><br>Positional Accuracy: Located by supplier to within 100m                                                                       | A12SE (SW)                             | 603                          | 2       | 471550<br>106320 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 4      | <b>Discharge Consents</b><br>Operator: Southern Water Services Ltd (H)<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: North Close, Havant Hampshire<br>Authority: Environment Agency, Southern Region<br>Catchment Area: Not Given<br>Reference: A00353<br>Permit Version: 1<br>Effective Date: 1st April 1991<br>Issued Date: 1st April 1991<br>Revocation Date: 6th March 1996<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Freshwater River<br><b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 10m | A8SW (S)                               | 752                          | 2       | 472110<br>105830 |
| 5      | <b>Discharge Consents</b><br>Operator: Mr K Harvey, Maintenance Manager<br>Property Type: Undefined Or Other<br>Location: New Lane, Havant, Hampshire<br>Authority: Environment Agency, Southern Region<br>Catchment Area: Not Supplied<br>Reference: P01349<br>Permit Version: 1<br>Effective Date: 4th February 1988<br>Issued Date: 4th February 1988<br>Revocation Date: 6th April 1992<br>Discharge Type: Trade Effluent<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Freshwater River<br><b>Status:</b> <b>Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b><br>Positional Accuracy: Located by supplier to within 10m                                       | A18NE (N)                              | 819                          | 2       | 472430<br>107420 |
| 6      | <b>Discharge Consents</b><br>Operator: Southern Water Services Ltd (H)<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Pook Lane, Havant Hampshire<br>Authority: Environment Agency, Southern Region<br>Catchment Area: Not Given<br>Reference: A00354<br>Permit Version: 1<br>Effective Date: 1st April 1991<br>Issued Date: 1st April 1991<br>Revocation Date: 6th March 1996<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Freshwater River<br><b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b><br>Positional Accuracy: Located by supplier to within 10m   | A9SW (SE)                              | 909                          | 2       | 472540<br>105760 |
| 7      | <b>Integrated Pollution Controls</b><br>Name: Asahi Thermofil (Uk) Ltd<br>Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ<br>Authority: Environment Agency, Southern Region<br>Permit Reference: BC9461<br>Dated: 24th November 1998<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry<br><b>Status:</b> <b>Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address                                                                                                                                            | A18SE (NE)                             | 485                          | 2       | 472407<br>107064 |
| 7      | <b>Integrated Pollution Controls</b><br>Name: Asahi Thermofil (Uk) Ltd<br>Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ<br>Authority: Environment Agency, Southern Region<br>Permit Reference: BG1861<br>Dated: 16th February 2000<br>Process Type: IPC major (substantial) variation<br>Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry<br><b>Status:</b> <b>Revoked - Now IPPC</b><br>Positional Accuracy: Automatically positioned to the address                                                                                                                                                                                                                                    | A18SE (NE)                             | 488                          | 2       | 472412<br>107064 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 7      | <b>Integrated Pollution Controls</b><br>Name: Asahi Thermofil (Uk) Ltd<br>Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ<br>Authority: Environment Agency, Southern Region<br>Permit Reference: AO0598<br>Dated: 18th November 1994<br>Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation<br>Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address                                                                                                                                                                                                             | A18SE (NE)                             | 489                          | 2       | 472407 107069 |
| 8      | <b>Integrated Pollution Controls</b><br>Name: Wyeth Research (uk) Ltd<br>Location: New Lane, HAVANT, Hampshire, PO9 2NG<br>Authority: Environment Agency, Southern Region<br>Permit Reference: AK5571<br>Dated: 24th February 1994<br>Process Type: IPC new application<br>Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry<br><b>Status: Authorisation revokedRevoked</b><br>Positional Accuracy: Unknown                                                                                                                                                                                                                                                                                                                                                                        | A18SE (NE)                             | 599                          | 2       | 472400 107195 |
| 8      | <b>Integrated Pollution Controls</b><br>Name: John Wyeth And Brother Ltd<br>Location: New Lane, HAVANT, Hampshire, PO9 2NG<br>Authority: Environment Agency, Southern Region<br>Permit Reference: AK5458<br>Dated: 24th February 1994<br>Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation<br>Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry<br><b>Status: Authorisation revokedRevoked</b><br>Positional Accuracy: Unknown                                                                                                                                                                                                                                                                                      | A18SE (NE)                             | 603                          | 2       | 472400 107200 |
| 9      | <b>Integrated Pollution Prevention And Control</b><br>Name: Sumika Polymer Compounds (Uk) Ltd<br>Location: Havant Plastics Compounder, 28, New Lane,,, Havant, Hampshire, PO9 2NQ<br>Authority: Environment Agency - South East Region, Solent & South Downs Area<br>Permit Reference: MP3431KV<br>Original Permit Ref: Bx8076ix<br>Effective Date: 15th April 2010<br><b>Status: Surrender Effective</b><br>Application Type: Surrender<br>App. Sub Type: Whole<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (D)<br>Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescrined) (Unless Glazing Etc)<br>Primary Activity: Y | A18SE (NE)                             | 490                          | 2       | 472407 107069 |
| 9      | <b>Integrated Pollution Prevention And Control</b><br>Name: Sumika Polymer Compounds (Uk) Ltd<br>Location: Havant Plastics Compounder, 28, New Lane,,, Havant, Hampshire, PO9 2NQ<br>Authority: Environment Agency, Southern Region<br>Permit Reference: MP3431KV<br>Original Permit Ref: Bx8076ix<br>Effective Date: 15th April 2010<br><b>Status: Surrender Effective</b><br>Application Type: Surrender<br>App. Sub Type: Whole<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (D)<br>Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescrined) (Unless Glazing Etc)<br>Primary Activity: Y                               | A18SE (NE)                             | 490                          | 2       | 472407 107069 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 9      | <b>Integrated Pollution Prevention And Control</b><br>Name: Sumika Polymer Compounds (Uk) Ltd<br>Location: Havant Plastics Compounder, 28, New Lane,,, Havant, Hampshire, PO9 2NQ<br>Authority: Environment Agency - South East Region, Solent & South Downs Area<br>Permit Reference: QP3235GD<br>Original Permit Ref: Bx8076ix<br>Effective Date: 17th June 2009<br><b>Status: Superseded By Variation</b><br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (D)<br>Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescrined) (Unless Glazing Etc)<br>Primary Activity: Y | A18SE (NE)                             | 490                          | 2       | 472407 107069 |
| 9      | <b>Integrated Pollution Prevention And Control</b><br>Name: Sumika Polymer Compounds (Uk) Ltd<br>Location: Havant Plastics Compounder, 28, New Lane,,, Havant, Hampshire, PO9 2NQ<br>Authority: Environment Agency, Southern Region<br>Permit Reference: QP3235GD<br>Original Permit Ref: Bx8076ix<br>Effective Date: 17th June 2009<br><b>Status: Superseded By Variation</b><br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 4.2 A(1) (D)<br>Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescrined) (Unless Glazing Etc)<br>Primary Activity: Y<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N                               | A18SE (NE)                             | 490                          | 2       | 472407 107069 |
| 9      | <b>Integrated Pollution Prevention And Control</b><br>Name: Asahi Thermofil Uk Ltd<br>Location: Havant Plastics Compounder, 28, New Lane,,, Havant, Hampshire, PO9 2NQ<br>Authority: Environment Agency - South East Region, Solent & South Downs Area<br>Permit Reference: BX8076IX<br>Original Permit Ref: Bx8076ix<br>Effective Date: 7th September 2005<br><b>Status: Superseded By Variation</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 4.2 A(1) (D)<br>Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescrined) (Unless Glazing Etc)<br>Primary Activity: Y<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N                            | A18SE (NE)                             | 490                          | 2       | 472407 107069 |
| 9      | <b>Integrated Pollution Prevention And Control</b><br>Name: Asahi Thermofil Uk Ltd<br>Location: Plastics Compounder - Havant, 28, New Lane, Havant, Hampshire, PO9 2NQ<br>Authority: Environment Agency, Southern Region<br>Permit Reference: Bx8076ix<br>Original Permit Ref: Bx8076ix<br>Effective Date: 7th September 2005<br><b>Status: Superseded By Variation</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 4.2 A(1) (D)<br>Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescrined) (Unless Glazing Etc)<br>Primary Activity: Y<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N                                                          | A18SE (NE)                             | 490                          | 2       | 472407 107069 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 10     | <b>Local Authority Integrated Pollution Prevention And Control</b><br>Name: Sumika Polymer Compounds Ltd<br>Location: 28 New Lane, Havant, PO9 2NQ<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: EA/EPR/BX8076IX<br>Dated: 7th September 2005<br>Process Type: Other Activities<br>Description: Not Supplied<br><b>Status: Permit Issued</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                         | A19SW (NE)                             | 528                          | 3       | 472549 107004 |
| 11     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Thermofil Polymers (Uk) Ltd<br>Location: New Lane, HAVANT, Hampshire, PO9 2NH<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: Epa1/1/97<br>Dated: 15th January 1997<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/10 Coating manufacturing<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                                    | A13NE (NE)                             | 302                          | 3       | 472274 106926 |
| 12     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Kenwood Ltd<br>Location: New Lane, Havant, Po9 2nh<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: EPA/1/2/94<br>Dated: 22nd October 1993<br>Process Type: Local Authority Air Pollution Control<br>Description: PG2/6 Aluminium and aluminium alloy processes<br><b>Status: Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 10m                                                                        | A13NE (NE)                             | 328                          | 3       | 472437 106823 |
| 13     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Zip Cleaners<br>Location: 5 Market Parade, Havant, Po9 1py<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: HBC/IPPC/05/01765<br>Dated: Not Supplied<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br><b>Status: Application Not Yet Authorised</b><br>Positional Accuracy: Located by supplier to within 10m                                                                           | A12SE (W)                              | 386                          | 3       | 471719 106479 |
| 14     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Vision Travel International Limited<br>Location: Unit 11 Kenwood Business Park, New Lane, Havant, PO9 2NH<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: HBC/IPPC/07/08915<br>Dated: 2nd January 2008<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input<br><b>Status: Permitted</b><br>Positional Accuracy: Located by supplier to within 10m | A14NW (NE)                             | 489                          | 3       | 472578 106901 |
| 15     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Thermofil Polymers (Uk) Ltd<br>Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: Ao0598<br>Dated: 28th November 1994<br>Process Type: Local Authority Air Pollution Control<br>Description: PG4/2 Processes for the manufacture of fibre reinforced plastics<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the address or location                               | A18SE (NE)                             | 489                          | 3       | 472403 107071 |
| 16     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Havant Garage<br>Location: 25-27 South Street, Havant, PO9 1BU<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: HBC/IPPC/06/00624<br>Dated: 2nd December 2009<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input<br><b>Status: Permitted</b><br>Positional Accuracy: Manually positioned to the address or location                              | A8NW (SW)                              | 544                          | 3       | 471802 106130 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 17     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Texaco (Star Service Station)<br>Location: 5 Park Road South, HAVANT, Hampshire, PO9 1HA<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: Epa1/03/98<br>Dated: 21st August 2000<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status: Authorisation revokedRevoked</b><br>Positional Accuracy: Automatically positioned to the address                                                                          | A7NE (SW)                              | 637                          | 3       | 471590 106196 |
| 18     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Wyeth Laboratories<br>Location: New Lane, HAVANT, Hampshire, PO9 2NG<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: 4<br>Dated: 15th January 1997<br>Process Type: Local Authority Air Pollution Control<br>Description: Part B - General Coating Process (No Specific Reference)<br><b>Status: Authorisation revokedRevoked</b><br>Positional Accuracy: Manually positioned to the address or location                                                                    | A19SW (NE)                             | 664                          | 3       | 472465 107236 |
| 19     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Tesco Stores Ltd<br>Location: Solent Road, Langstone Harbour, HAVANT, Hampshire, PO9 5AH<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: HBC/IPPC/05/00326<br>Dated: 28th May 1998<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br><b>Status: Permitted</b><br>Positional Accuracy: Automatically positioned to the address                                                                              | A7NE (SW)                              | 827                          | 3       | 471494 106017 |
| 20     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Solent Cleaners Ltd<br>Location: 15 Solent Road, HAVANT, Hampshire, PO9 1AF<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: HBC/IPPC/05/00724v1<br>Dated: 15th July 2005<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br><b>Status: Permitted</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                        | A7NW (SW)                              | 936                          | 3       | 471307 106076 |
| 21     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Kwik-Fit<br>Location: New Road, HAVANT, Hampshire, PO9 1DE<br>Authority: Havant Borough Council, Environmental Health Department<br>Permit Reference: Epa1/02/98<br>Dated: 12th December 1998<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status: Authorisation revokedRevoked</b><br>Positional Accuracy: Automatically positioned to the address                                                                                                      | A12NW (W)                              | 967                          | 3       | 471136 106763 |
| 22     | <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Location: New Lane, Havant, Hampshire, Po9 2nq<br>Type: Air Pollution Control Enforcement Notice<br>Reference: AO 0598<br>Date Issued: 25th November 1998<br>Enforcement Date: Not Supplied<br>Details: Not Supplied<br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                      | A18SE (NE)                             | 489                          | 3       | 472403 107071 |
|        | <b>Nearest Surface Water Feature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A13NW (W)                              | 161                          | -       | 471945 106666 |
| 23     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: WSC Sewage, Sewerage & Supply<br>Location: Eastern Road Outfall, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: General Biodegradable : Sewage & Sewerage Material: Grey Water<br>Note: Not Supplied<br>Incident Date: 18th October 1999<br>Incident Reference: 3189<br>Catchment Area: Lavant<br>Receiving Water: Potential River<br>Cause of Incident: Deliberate Action<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Approximate location provided by supplier | A13SW (W)                              | 138                          | 2       | 471950 106600 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 24     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Road (Road Traffic Accident)<br>Location: New Road, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Oils - Petrol<br>Note: 5 Litres Of Petrol To Drain<br>Incident Date: 29th May 1997<br>Incident Reference: 797267<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Oils/Related Products<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                           | A13SE (E)                              | 146                          | 2       | 472300<br>106600 |
| 25     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Water Company Sewage: Surface Water Outfall<br>Location: Lavant Stream, Eastern Road, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Oils - Gas Oil<br>Note: Oil Poured Into Hermitage Stream<br>Incident Date: 11th March 1997<br>Incident Reference: 797171<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Oils/Related Products<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A13NW (W)                              | 165                          | 2       | 471940<br>106665 |
| 25     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Miscellaneous Premises: Other<br>Location: Surface Water Outfall, Eastern Road, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Oils - Other Oil<br>Note: Oil Irridescence Entering Stream<br>Incident Date: 15th March 1997<br>Incident Reference: 797138<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Oils/Related Products<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m     | A13NW (W)                              | 167                          | 2       | 471940<br>106670 |
| 26     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Domestic/Residential<br>Location: Crosslands Drive, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Rubble/Litter Or Solids<br>Note: Rubbish & Pollution Of Stream<br>Incident Date: 8th May 1992<br>Incident Reference: 73<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Miscellaneous/Other Pollution Type<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                       | A13NW (N)                              | 249                          | 2       | 472100<br>106900 |
| 27     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Industrial: Other<br>Location: Eastern Road, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Chemicals - Other Organic<br>Note: Stream Polluted; Chemical Industry<br>Incident Date: 9th June 1995<br>Incident Reference: 1884<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Organic Industrial Waste<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m                        | A13NE (NE)                             | 290                          | 2       | 472300<br>106900 |
| 28     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Water Company Sewage: Other<br>Location: Market Parade, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Crude Sewage<br>Note: Dirty Stream; Water Company Sewage: Other<br>Incident Date: 12th June 1995<br>Incident Reference: 1898<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Plc Sewage Other<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                | A12SE (W)                              | 619                          | 2       | 471500<br>106400 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 28     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Private Sewage (Non-PLC): Other<br>Location: Boys Brigade Gardens, Elm Lane, Park Road North<br>Authority: Environment Agency, Southern Region<br>Pollutant: Unknown Sewage<br>Note: Possible Contamination By Sewage<br>Incident Date: 2nd October 1997<br>Incident Reference: 797533<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                  | A12SE (W)                              | 620                          | 2       | 471500<br>106395 |
| 29     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Miscellaneous Premises: Other<br>Location: Cjh Tyres, 3A Brockhampton Lane, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Miscellaneous - Vehicle Washings And De Waxing<br>Note: Cleaning Fluid In Stream At Rear Of Premises<br>Incident Date: 10th October 1996<br>Incident Reference: 796470<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A7NE (SW)                              | 626                          | 2       | 471600<br>106200 |
| 30     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Water Company Sewage: Other<br>Location: Hipley Road, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Unknown Sewage<br>Note: Pipe Pouring Out Soapy White Water; Water Company Sewage: Surface Water Outfall<br>Incident Date: 13th June 1995<br>Incident Reference: 1890<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Plc Sewage Other<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                | A18NE (N)                              | 651                          | 2       | 472200<br>107300 |
| 31     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Miscellaneous Premises: Other<br>Location: Location Description Not Available<br>Authority: Environment Agency, Southern Region<br>Pollutant: Miscellaneous - Urban Runoff<br>Note: Oil On Stream<br>Incident Date: 25th October 1996<br>Incident Reference: 796498<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                       | A7NE (SW)                              | 707                          | 2       | 471500<br>106200 |
| 32     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Domestic/Residential<br>Location: Lockerley Road, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Oils - Petrol<br>Note: 20L Petrol To Drain<br>Incident Date: 10th July 1992<br>Incident Reference: 198<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Oils/Related Products<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                             | A18NE (N)                              | 766                          | 2       | 472300<br>107400 |
| 33     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Road<br>Location: U/S Of De La Rue Premises<br>Authority: Environment Agency, Southern Region<br>Pollutant: Oils - Other Oil<br>Note: Diesel In Stream<br>Incident Date: 19th October 1992<br>Incident Reference: 337<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Oils/Related Products<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                       | A7NE (SW)                              | 767                          | 2       | 471600<br>106000 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 34     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Miscellaneous Premises: Other<br>Location: Solent Road, HAVANT<br>Authority: Environment Agency, Southern Region<br>Pollutant: Miscellaneous - Vehicle Washings And De Waxing<br>Note: Diesel Oil In Stream<br>Incident Date: 28th January 1997<br>Incident Reference: 797046<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Miscellaneous/Other Pollution Type<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                               | A7SE (SW)                              | 847                          | 2       | 471600 105900 |
| 35     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Other General Premises<br>Location: Location Description Not Available<br>Authority: Environment Agency, Southern Region<br>Pollutant: Oils - Unknown<br>Note: Oil In Stream; Miscellaneous Premises: Unknown<br>Incident Date: 29th March 1995<br>Incident Reference: 1766<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Oils/Related Products<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                    | A7SE (SW)                              | 931                          | 2       | 471600 105800 |
|        | <b>River Quality</b><br>Name: Lavant (Hants)<br>GQA Grade: River Quality A<br>Reach: Tidal Limit - Source<br>Estimated Distance (km): 6.5<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A13NW (NW)                             | 125                          | 2       | 471992 106674 |
|        | <b>River Quality</b><br>Name: Warblington Strm - No.4<br>GQA Grade: River Quality A<br>Reach: Tidal Limit - Source<br>Estimated Distance (km): 1<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000                                                                                                                                                                                                                                                                                                                                                                                                                                          | A8NW (S)                               | 588                          | 2       | 472100 105995 |
|        | <b>River Quality</b><br>Name: Warblington Strm - No.3<br>GQA Grade: River Quality B<br>Reach: Tidal Limit - Source<br>Estimated Distance (km): 1.2<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000                                                                                                                                                                                                                                                                                                                                                                                                                                        | A9NE (SE)                              | 989                          | 2       | 473068 106217 |
|        | <b>Water Abstractions</b><br>Operator: Portsmouth Water Ltd<br>Licence Number: 11/42/36.2/1<br>Permit Version: 101<br>Location: Bedhampton Ps Spring No 2<br>Authority: Environment Agency, Southern Region<br>Abstraction: Public Water Supply: Potable Water Supply - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: See Licence Map<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th June 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A11SE (W)                              | 1091                         | 2       | 471020 106370 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: Portsmouth Water Ltd<br>Licence Number: 11/42/36.2/1<br>Permit Version: 102<br>Location: Bedhampton Ps Spring No 2<br>Authority: Environment Agency, Southern Region<br>Abstraction: Public Water Supply: Potable Water Supply - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: See Licence Map<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 9th June 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m      | A11SE (W)                              | 1091                         | 2       | 471020 106370 |
|        | <b>Water Abstractions</b><br>Operator: Portsmouth Water Co<br>Licence Number: 11/42/36.2/1<br>Permit Version: 100<br>Location: Bedhampton Ps Spring No 2<br>Authority: Environment Agency, Southern Region<br>Abstraction: Public Water Supply: Potable Water Supply - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: See Licence Map<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 26th September 1977<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A11SE (W)                              | 1091                         | 2       | 471020 106370 |
|        | <b>Water Abstractions</b><br>Operator: Portsmouth Water Ltd<br>Licence Number: 11/42/36.2/1<br>Permit Version: 101<br>Location: Bedhampton Ps Spring No 1<br>Authority: Environment Agency, Southern Region<br>Abstraction: Public Water Supply: Potable Water Supply - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: See Licence Map<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th June 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m     | A11SW (W)                              | 1524                         | 2       | 470580 106370 |
|        | <b>Water Abstractions</b><br>Operator: Portsmouth Water Ltd<br>Licence Number: 11/42/36.2/1<br>Permit Version: 102<br>Location: Bedhampton Ps Spring No 1<br>Authority: Environment Agency, Southern Region<br>Abstraction: Public Water Supply: Potable Water Supply - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: See Licence Map<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 9th June 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m      | A11SW (W)                              | 1524                         | 2       | 470580 106370 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Portsmouth Water Co<br>Licence Number: 11/42/36.2/1<br>Permit Version: 100<br>Location: Bedhampton Ps Spring No 1<br>Authority: Environment Agency, Southern Region<br>Abstraction: Public Water Supply: Potable Water Supply - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 164565<br>Yearly Rate (m3): 42732400<br>Details: See Licence Map<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 26th September 1977<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A11SW (W)                              | 1524                         | 2       | 470580<br>106370 |
|        | <b>Water Abstractions</b><br>Operator: Portsmouth Water Ltd<br>Licence Number: 11/42/36.2/1<br>Permit Version: 101<br>Location: Havant Ps<br>Authority: Environment Agency, Southern Region<br>Abstraction: Public Water Supply: Potable Water Supply - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: See Licence Map<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th June 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m            | A6NW (W)                               | 1640                         | 2       | 470480<br>106270 |
|        | <b>Water Abstractions</b><br>Operator: Portsmouth Water Ltd<br>Licence Number: 11/42/36.2/1<br>Permit Version: 102<br>Location: Havant Ps<br>Authority: Environment Agency, Southern Region<br>Abstraction: Public Water Supply: Potable Water Supply - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: See Licence Map<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 9th June 2009<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m             | A6NW (W)                               | 1640                         | 2       | 470480<br>106270 |
|        | <b>Water Abstractions</b><br>Operator: Portsmouth Water Co<br>Licence Number: 11/42/36.2/1<br>Permit Version: 100<br>Location: Havant Ps<br>Authority: Environment Agency, Southern Region<br>Abstraction: Public Water Supply: Potable Water Supply - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: See Licence Map<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 26th September 1977<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m       | A6NW (W)                               | 1640                         | 2       | 470480<br>106270 |
|        | <b>Groundwater Vulnerability</b><br>Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise<br>Map Sheet: Sheet 45 West Sussex and Surrey<br>Scale: 1:100,000                                                                                                                                                                                                                                                                                                   | A13SE (S)                              | 0                            | 2       | 472129<br>106614 |
|        | <b>Drift Deposits</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |                              |         |                  |

| Map ID | Details                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Bedrock Aquifer Designations</b><br>Aquifer Designation: Unproductive Strata                                                                                                                                                                           | A13SE (N)                              | 0                            | 4       | 472129<br>106616 |
|        | <b>Bedrock Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - A                                                                                                                                                                         | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |
|        | <b>Superficial Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - A                                                                                                                                                                     | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |
| 36     | <b>Source Protection Zones</b><br>Name: Not Supplied<br>Source: Environment Agency, Head Office<br>Reference: Not Supplied<br>Type: Zone 1c (Inner Protection Zone): Travel time of 50 days or less to the groundwater source - subsurface activity only. | A13SE (S)                              | 0                            | 2       | 472129<br>106614 |
| 37     | <b>Source Protection Zones</b><br>Name: Bedhampton & Havant Springs<br>Source: Environment Agency, Head Office<br>Reference: Su049<br>Type: Zone 1 (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.                     | A8NW (S)                               | 403                          | 2       | 472013<br>106195 |
| 38     | <b>Source Protection Zones</b><br>Name: Bedhampton & Havant Springs<br>Source: Environment Agency, Head Office<br>Reference: Su049<br>Type: Groundwater Source                                                                                            | A12SW (W)                              | 979                          | 2       | 471160<br>106280 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13NW (W)                              | 34                           | 2       | 472069<br>106629 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13SW (W)                              | 57                           | 2       | 472032<br>106604 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13NW (NW)                             | 66                           | 2       | 472065<br>106679 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13NW (W)                              | 73                           | 2       | 472034<br>106649 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13NW (NW)                             | 75                           | 2       | 472054<br>106678 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13NW (W)                              | 118                          | 2       | 471976<br>106629 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13SW (W)                              | 145                          | 2       | 471946<br>106617 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13NW (W)                              | 153                          | 2       | 471947<br>106651 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13NW (NW)                             | 166                          | 2       | 472001<br>106762 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                 | A13NW (NW)                             | 185                          | 2       | 472017<br>106802 |

| Map ID | Details                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (NW)                             | 190                          | 2       | 472026 106814 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13SW (SW)                             | 213                          | 2       | 471898 106498 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A13NW (W)                              | 235                          | 2       | 471882 106705 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (W)                              | 34                           | 2       | 472067 106627 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13SW (W)                              | 58                           | 2       | 472031 106612 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (NW)                             | 69                           | 2       | 472062 106684 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (W)                              | 73                           | 2       | 472030 106637 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (NW)                             | 87                           | 2       | 472034 106669 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (NW)                             | 109                          | 2       | 472048 106728 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (W)                              | 111                          | 2       | 471984 106630 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (W)                              | 121                          | 2       | 471975 106634 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (W)                              | 145                          | 2       | 471946 106619 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (W)                              | 153                          | 2       | 471946 106649 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (NW)                             | 167                          | 2       | 471999 106761 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (NW)                             | 185                          | 2       | 472017 106802 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                 | A13NW (NW)                             | 190                          | 2       | 472026 106814 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                    | A13NW (NW)                             | 191                          | 2       | 472034 106820 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                    | A13SW (SW)                             | 213                          | 2       | 471898 106498 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                    | A13NW (N)                              | 216                          | 2       | 472060 106858 |
|        | <b>Areas Benefiting from Flood Defences</b><br>None                                                                                                                                                                                                                                                                                                                                          |                                        |                              |         |               |
|        | <b>Flood Water Storage Areas</b><br>None                                                                                                                                                                                                                                                                                                                                                     |                                        |                              |         |               |
|        | <b>Flood Defences</b><br>None                                                                                                                                                                                                                                                                                                                                                                |                                        |                              |         |               |
| 39     | <b>Detailed River Network Lines</b><br>River Type: Primary River<br>River Name: Not Supplied<br>Hydrographic Area: D007<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Lavant Stream<br>Name:<br>Water Course: S601<br>Reference:                                    | A13NW (NW)                             | 163                          | 2       | 471970 106711 |
| 40     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: D007<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Lavant Stream<br>Name:<br>Water Course: S601<br>Reference:        | A13NW (W)                              | 163                          | 2       | 471935 106650 |
| 41     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: D007<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A13SW (W)                              | 195                          | 2       | 471896 106555 |
| 42     | <b>Detailed River Network Lines</b><br>River Type: Primary River<br>River Name: Not Supplied<br>Hydrographic Area: D007<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Lavant Stream<br>Name:<br>Water Course: S601<br>Reference:                                    | A13SW (W)                              | 195                          | 2       | 471903 106529 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 43     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: D007<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Lavant Stream<br>Name:<br>Water Course: S601<br>Reference: | A13SW (SW)                             | 238                          | 2       | 471869<br>106499 |
| 44     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: D007<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                    | A13NW (W)                              | 247                          | 2       | 471862<br>106691 |
| 45     | <b>Detailed River Network Lines</b><br>River Type: Primary River<br>River Name: Not Supplied<br>Hydrographic Area: D007<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Lavant Stream<br>Name:<br>Water Course: S601<br>Reference:                             | A12SE (SW)                             | 452                          | 2       | 471677<br>106404 |
| 46     | <b>Detailed River Network Offline Drainage</b><br>River Type: Tertiary River<br>Hydrographic Area: D007                                                                                                                                                                                                                                                                               | A12NE (W)                              | 438                          | 2       | 471666<br>106708 |
| 47     | <b>Detailed River Network Offline Drainage</b><br>River Type: Tertiary River<br>Hydrographic Area: D007                                                                                                                                                                                                                                                                               | A12NE (W)                              | 484                          | 2       | 471627<br>106739 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 48     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 19986<br>Location: 8 New Lane , Havant, Hampshire, PO9 2JH<br>Operator Name: Wessex Construction And Plant Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office<br>Site Category: Household, Commercial And Industrial Transfer Stations<br><b>Licence Status: Expired</b><br>Issued: 5th December 1991<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A13SE (S)                              | 0                            | 2       | 472130<br>106610 |
| 49     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 19987<br>Location: 32 New Lane , Havant, Hampshire, PO9 2NG<br>Operator Name: John Wyeth And Brother Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - South East Region, Solent & South Downs Area<br>Site Category: In-house Storage Facilities<br><b>Licence Status: Issued</b><br>Issued: 13th September 1991<br>Last Modified: 11th June 2001<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                           | A19SW (NE)                             | 685                          | 2       | 472550<br>107210 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Havant Borough Council<br>- Has supplied landfill data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        | 0                            | 3       | 472129<br>106614 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Hampshire County Council<br>- Had landfill data but passed it to the relevant environment agency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        | 0                            | 8       | 472129<br>106614 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 50     | <p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Wessex Construction Plant &amp; Hire Co Ltd<br/> Licence Reference: 13/ 20B<br/> Site Location: New Lane, HAVANT, Hampshire, PO9 2JH<br/> Operator Location: As Site Address<br/> Authority: Environment Agency - Southern Region, Hampshire Area<br/> Site Category: Transfer<br/> Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)<br/> Waste Source: No known restriction on source of waste<br/> Restrictions:<br/> Licence Status: Operational as far as is knownOperational<br/> Dated: 1st February 1990<br/> Preceded By: Not Given<br/> Licence:<br/> Superseded By: Not Given<br/> Licence:<br/> Positional Accuracy: Manually positioned to the address or location<br/> Boundary Quality: Not Supplied<br/> Authorised Waste<br/> Adhesive Wastes<br/> Ash,Clinker<br/> Clay,Pottery,China,Enamel,Ceramic,Mica<br/> Coal,Coke,Carbon,Graphite<br/> Construction And Demolition Wastes<br/> Cork<br/> Ferrous &amp; Non-Ferrous Metal Scrap<br/> Glass/Cullet<br/> Max.Storage Permitted By Licence<br/> Oiled/Tarred Paper &lt; 5% Of Daily Input<br/> Paper/Pack'G Ex Com./Ind. Premises<br/> Prods Of Complete Polymerisation<br/> Sand,Chalk,Gravel,Nat.Occ.Earth Spoils<br/> Sawdust/Sanderdust<br/> Solid Rubber<br/> Timber,Wood Offcuts, Hardboard<br/> Vehicle Tyres To Be &lt; 5% Daily Input<br/> Waste Ex Const'N/Maint. Of Highways</p> <p>Prohibited Waste<br/> All Clinical Wastes In Wmp 25<br/> All Fibrous Forms Of Asbestos<br/> Food/Veg/Readily Biodegradable Waste<br/> Liq/Slurry/Sludge Waste - Except Above<br/> Mat'L Ex Oil Fired Boilers<br/> Mat'ls Contain. Phenols Or Derivs.<br/> Old Cars/Vehicles/Trailers<br/> Poisonous, Noxious, Polluting Wastes<br/> Potentially Haz. Or Polluting Wastes<br/> Special Wastes<br/> Waste N.O.S.</p> | A13SW (SW)                             | 0                            | 2       | 472120<br>106600 |
| 51     | <p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: John Wyeth &amp; Brother Ltd<br/> Licence Reference: 13/ 22<br/> Site Location: New Lane, HAVANT, Hampshire, PO9 2NG<br/> Operator Location: Huntercombe Lane South, Taplow, MAIDENHEAD, Berkshire, SL6 0PH<br/> Authority: Environment Agency - Southern Region, Hampshire Area<br/> Site Category: Storage<br/> Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br/> Waste Source: Waste produced/controlled by licence holder<br/> Restrictions:<br/> Licence Status: Operational as far as is knownOperational<br/> Dated: 11th June 2001<br/> Preceded By: 13/ 22<br/> Licence:<br/> Superseded By: Not Given<br/> Licence:<br/> Positional Accuracy: Manually positioned to the address or location<br/> Boundary Quality: Not Supplied<br/> Authorised Waste<br/> Special Waste (As In Epa 1990:S62 Of 1996 Regs) &amp; Other Waste In Working Plan</p> <p>Prohibited Waste<br/> Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00)<br/> Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00)<br/> Other Waste / Waste Not Otherwise Specified</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A19SW (NE)                             | 749                          | 2       | 472630<br>107230 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 52     | <b>Registered Waste Treatment or Disposal Sites</b><br>Licence Holder: Wyeth Laboratories<br>Licence Reference: 13/ 22<br>Site Location: New Lane, HAVANT, Hampshire, PO9 2NG<br>Operator Location: As Site Address<br>Authority: Environment Agency - Southern Region, Hampshire Area<br>Site Category: Storage<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source: Waste produced/controlled by licence holder<br>Restrictions:<br>Licence Status: Record supersededSuperseded<br>Dated: 13th September 1991<br>Preceded By: Not Given<br>Licence:<br>Superseded By: 13/ 22<br>Licence:<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Special Wastes As In Application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A19SW (NE)                             | 749                          | 2       | 472630<br>107230 |
| 53     | <b>Registered Waste Treatment or Disposal Sites</b><br>Licence Holder: Larkham Bros Ltd<br>Licence Reference: 13/ 18<br>Site Location: 12b Clarendon Road, Havant, Hampshire<br>Operator Location: As Site Address<br>Authority: Environment Agency - Southern Region, Hampshire Area<br>Site Category: Scrapyard<br>Max Input Rate: Undefined<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st August 1990<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Scrap Metal (As In 1964 Act)<br>Prohibited Waste: Biodegradable Mat'ls<br>Drums -Unless Empty Or Cont'S Conform<br>Food Waste<br>Liquid/Sludge Wastes -Except As Above<br>Paper/Cardboard/Packaging Waste<br>Phenols/Mat'L Containing Phenol<br>Poisonous, Noxious, Polluting Wastes<br>Potentially Haz. Or Polluting Waste<br>Special Wastes - Except As Above<br>Vegetable Matter<br>Waste Ex Premis.Of Toxic/Water Sol.Chem<br>Environment Agency Assoc. Asbestos<br>must give specific authorisation for this waste to be acceptedWaste requires prior approval<br>Assoc. Battery Acids<br>Assoc. Drainings From Rad'Rs & Transf'<br>Assoc. High Hazard Mat'ls<br>Assoc. Mineral Engine Oils<br>Assoc. Solid/Liquid Residues | A7NW (SW)                              | 829                          | 2       | 471400<br>106130 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 54     | <b>Registered Waste Treatment or Disposal Sites</b><br>Licence Holder: Vinatex Ltd<br>Licence Reference: 13/ 2<br>Site Location: New Lane, Havant, Hampshire<br>Operator Location: As Site Address<br>Authority: Environment Agency - Southern Region, Hampshire Area<br>Site Category: Incineration<br>Max Input Rate: Undefined<br>Waste Source: Waste produced/controlled by licence holder<br>Restrictions:<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 17th June 1977<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Approximate location provided by supplier<br>Boundary Quality: Not Supplied<br>Authorised Waste: Paper/Cardboard Waste<br>Wood Waste/Timber<br>Environment Agency Waste N.O.S<br>must give specific<br>authorisation for this<br>waste to be<br>acceptedWaste<br>requires prior<br>approval | A19NW<br>(NE)                          | 873                          | 2       | 472600<br>107400 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Thames Group                                                                                                                                                                                                                                                                            | A13SE (S)                              | 0                            | 4       | 472129 106614 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SE (S)                              | 0                            | 4       | 472129 106614 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NE (N)                              | 0                            | 4       | 472130 106619 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NW (NW)                             | 26                           | 4       | 472088 106641 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13NW (W)                              | 27                           | 4       | 472081 106631 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SW (S)                              | 35                           | 4       | 472123 106548 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg | A13SW (W)                              | 88                           | 4       | 472000 106614 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A13NW (W)                              | 110                          | 4       | 472000 106659 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A13SW (SW)                             | 112                          | 4       | 472000 106523 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A13SW (S)                              | 124                          | 4       | 472079 106465 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A13SW (S)                              | 127                          | 4       | 472084 106464 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A13SW (SW)                             | 135                          | 4       | 472000 106490 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A13SW (SW)                             | 144                          | 4       | 471981 106496 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A13NW (NW)                             | 285                          | 4       | 471861 106767 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18SE (N)                              | 347                          | 4       | 472129 107000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A12NE (W)                              | 351                          | 4       | 471744 106664 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NW (S)                               | 359                          | 4       | 471985 106247 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NW (S)                               | 362                          | 4       | 472000 106241 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A13SW (SW)                             | 366                          | 4       | 471895 106281 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NW (S)                               | 368                          | 4       | 472051 106225 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NW (S)                               | 370                          | 4       | 472078 106218 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18SW (N)                              | 370                          | 4       | 472000 107000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18SW (N)                              | 378                          | 4       | 471979 107000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18SE (NE)                             | 394                          | 4       | 472333 107000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18SW (N)                              | 427                          | 4       | 472000 107059 |

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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A12SE (W)                              | 443                          | 4       | 471645 106572 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NW (S)                               | 465                          | 4       | 472000 106135 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NW (S)                               | 466                          | 4       | 472023 106130 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NW (S)                               | 469                          | 4       | 472067 106119 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NW (SW)                              | 473                          | 4       | 471845 106186 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A7NE (SW)                              | 535                          | 4       | 471688 106237 |

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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18SW (N)                              | 556                          | 4       | 472000 107193 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NE (S)                               | 581                          | 4       | 472129 106000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NE (S)                               | 597                          | 4       | 472146 105984 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A8NW (S)                               | 598                          | 4       | 472000 106000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18SW (N)                              | 615                          | 4       | 472053 107263 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A12SE (W)                              | 640                          | 4       | 471464 106451 |



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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A9NW (SE)                              | 674                          | 4       | 472491 106000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A7NE (SW)                              | 722                          | 4       | 471675 106000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A12SW (W)                              | 775                          | 4       | 471341 106385 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A7NE (SW)                              | 779                          | 4       | 471581 106000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18NW (N)                              | 779                          | 4       | 471909 107400 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A12SW (SW)                             | 781                          | 4       | 471367 106292 |

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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A17NE (NW)                             | 822                          | 4       | 471680 107343 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A14SE (E)                              | 840                          | 4       | 473000 106614 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A9NE (SE)                              | 874                          | 4       | 472948 106227 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A9NE (SE)                              | 879                          | 4       | 472800 105991 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A9NE (SE)                              | 881                          | 4       | 472811 106000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A7NW (SW)                              | 903                          | 4       | 471330 106101 |

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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A17SW (NW)                             | 904                          | 4       | 471279 106996 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A17SW (NW)                             | 905                          | 4       | 471280 107000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18NW (N)                              | 908                          | 4       | 471979 107548 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A9NE (E)                               | 909                          | 4       | 473000 106263 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18NW (N)                              | 909                          | 4       | 472000 107552 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A19SE (NE)                             | 911                          | 4       | 473000 107000 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A18NW (N)                              | 917                          | 4       | 471946 107551 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A12NW (W)                              | 949                          | 4       | 471149 106728 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A9NE (SE)                              | 958                          | 4       | 473003 106147 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A17SW (NW)                             | 965                          | 4       | 471214 107000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A7NW (SW)                              | 970                          | 4       | 471320 106000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A12NW (W)                              | 973                          | 4       | 471119 106677 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:                                                                                                                                                             | A7NW (SW)                              | 975                          | 4       | 471313 106000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:                                                                                                                                                             | A11NE (W)                              | 989                          | 4       | 471109 106735 |
| 55     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Havant Park Gravel Pit<br>Location: , Havant, Hampshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 163108<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Quaternary<br>Geology: River Terrace Deposits (Undifferentiated)<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m              | A13SE (E)                              | 43                           | 4       | 472198 106610 |
| 56     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Havant Farm Gravel Pit<br>Location: , West Leigh, Havant, Hampshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 163106<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Quaternary<br>Geology: River Terrace Deposits (Undifferentiated)<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m  | A18SW (N)                              | 584                          | 4       | 471964 107213 |
| 57     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Havant Park Brick Field<br>Location: , Havant, Hampshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 163109<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Quaternary<br>Geology: River Terrace Deposits (Undifferentiated)<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m       | A12NW (W)                              | 806                          | 4       | 471293 106727 |
| 58     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Denvilles Clay Pit<br>Location: , Denvilles, Havant, Hampshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 163110<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Quaternary<br>Geology: River Terrace Deposits (Undifferentiated)<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A14NE (E)                              | 930                          | 4       | 473079 106793 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 59     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Havant Farm Gravel Pit<br>Location: , West Leigh, Havant, Hampshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 163105<br>Type: Opencast<br><b>Status:</b> Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Quaternary<br>Geology: River Terrace Deposits (Undifferentiated)<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m | A18NE (N)                              | 967                          | 4       | 472295<br>107606 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                              |         |                  |
|        | <b>BGS Urban Soil Chemistry Averages</b><br>No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                              |         |                  |
|        | <b>Coal Mining Affected Areas</b><br>In an area that might not be affected by coal mining                                                                                                                                                                                                                                                                                                                                                                                                                         |                                        |                              |         |                  |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>No Hazard                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                        |                              |         |                  |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                  | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                             | A13NW (NW)                             | 26                           | 4       | 472088<br>106641 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                             | A13SW (S)                              | 35                           | 4       | 472123<br>106548 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                           | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                            | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                               | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                 | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                           | A13NW (NW)                             | 26                           | 4       | 472088<br>106641 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                           | A13SW (S)                              | 35                           | 4       | 472123<br>106548 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                   | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                              | A13NW (NW)                             | 26                           | 4       | 472088<br>106641 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                                              | A13SW (S)                              | 35                           | 4       | 472123<br>106548 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                             | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                  | A13SE (S)                              | 0                            | 4       | 472129<br>106614 |



| Map ID | Details                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 60     | <b>Contemporary Trade Directory Entries</b><br>Name: Wessex Building Supplies<br>Location: 8, New Lane, Havant, Hampshire, PO9 2JH<br>Classification: Builders' Merchants<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                      | A13SW (SW)                             | 0                            | -       | 472103 106598 |
| 60     | <b>Contemporary Trade Directory Entries</b><br>Name: A1 Recovery Ltd<br>Location: 8, New Lane, Havant, Hampshire, PO9 2JH<br>Classification: Car Breakdown & Recovery Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                   | A13SW (W)                              | 0                            | -       | 472114 106616 |
| 60     | <b>Contemporary Trade Directory Entries</b><br>Name: A1 Garage Services<br>Location: 8, New Lane, Havant, Hampshire, PO9 2JH<br>Classification: Breakdown and Recovery<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                         | A13SW (W)                              | 0                            | -       | 472114 106616 |
| 61     | <b>Contemporary Trade Directory Entries</b><br>Name: Pub & Restaurant Supplies<br>Location: Waterloo Rd, Havant, Hampshire, PO9 1BH<br>Classification: Janitorial Equipment - Servicing & Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality | A13SW (SW)                             | 121                          | -       | 471982 106534 |
| 61     | <b>Contemporary Trade Directory Entries</b><br>Name: The Starjammer Group<br>Location: 2, Steyning Terrace, Waterloo Road, Havant, Hampshire, PO9 1BJ<br>Classification: Engineers - General<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                   | A13SW (W)                              | 141                          | -       | 471955 106547 |
| 62     | <b>Contemporary Trade Directory Entries</b><br>Name: Itk Services<br>Location: 6, Fern Drive, Havant, Hampshire, PO9 2YH<br>Classification: T-Shirts<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                           | A13NE (N)                              | 296                          | -       | 472155 106948 |
| 62     | <b>Contemporary Trade Directory Entries</b><br>Name: Itk Services<br>Location: 6, Fern Drive, Havant, Hampshire, PO9 2YH<br>Classification: T-Shirts<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                             | A13NE (N)                              | 296                          | -       | 472155 106948 |
| 63     | <b>Contemporary Trade Directory Entries</b><br>Name: Ace Electrics<br>Location: 35-37, Market Parade, Havant, Hampshire, PO9 1PY<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A12SE (W)                              | 311                          | -       | 471779 106553 |
| 63     | <b>Contemporary Trade Directory Entries</b><br>Name: Blazes Fireplace Centres<br>Location: 23-25, Market Parade, Havant, Hampshire, PO9 1PY<br>Classification: Fireplaces & Mantelpieces<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                       | A12SE (W)                              | 350                          | -       | 471742 106537 |
| 64     | <b>Contemporary Trade Directory Entries</b><br>Name: Ace Electrics<br>Location: 38, Market Parade, Havant, Hampshire, PO9 1QF<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address           | A13SW (W)                              | 315                          | -       | 471789 106491 |
| 64     | <b>Contemporary Trade Directory Entries</b><br>Name: Maids<br>Location: 37, North Street, Havant, Hampshire, PO9 1PP<br>Classification: Cleaning Services - Domestic<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                           | A13SW (SW)                             | 331                          | -       | 471793 106442 |
| 65     | <b>Contemporary Trade Directory Entries</b><br>Name: Havant & Emsworth Laundrette<br>Location: 34, Market Parade, HAVANT, Hampshire, PO9 1QF<br>Classification: Dry Cleaners<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                     | A12SE (W)                              | 325                          | -       | 471779 106491 |

| Map ID | Details                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 65     | <b>Contemporary Trade Directory Entries</b><br>Name: Havant & Emsworth Launderette<br>Location: 34, Market Parade, Havant, Hampshire, PO9 1QF<br>Classification: Laundries & Launderettes<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                           | A12SE (W)                              | 325                          | -       | 471779<br>106491 |
| 66     | <b>Contemporary Trade Directory Entries</b><br>Name: Allport Packaging Ltd<br>Location: 4, Kenwood Business Park, New Lane, Havant, Hampshire, PO9 2NT<br>Classification: Packaging & Wrapping Equipment & Supplies<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A13NE (NE)                             | 339                          | -       | 472431<br>106852 |
| 67     | <b>Contemporary Trade Directory Entries</b><br>Name: Five Star Units<br>Location: The Pallant, Havant, Hampshire, PO9 1BE<br>Classification: Engine Rebuilding & Reconditioning<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location              | A13SW (SW)                             | 365                          | -       | 471842<br>106322 |
| 67     | <b>Contemporary Trade Directory Entries</b><br>Name: 5 Star Units<br>Location: The Pallant, Havant, Hampshire, PO9 1BE<br>Classification: Gearboxes<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                          | A13SW (SW)                             | 379                          | -       | 471826<br>106319 |
| 68     | <b>Contemporary Trade Directory Entries</b><br>Name: F O'Reilly & Son<br>Location: 7, Market Parade, Havant, Hampshire, PO9 1PY<br>Classification: Electrical Engineers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                             | A12SE (W)                              | 383                          | -       | 471720<br>106485 |
| 69     | <b>Contemporary Trade Directory Entries</b><br>Name: Printworks The<br>Location: 37, East Street, Havant, Hampshire, PO9 1AA<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                            | A8NW (S)                               | 383                          | -       | 471992<br>106222 |
| 70     | <b>Contemporary Trade Directory Entries</b><br>Name: Portbury Logistics<br>Location: 1-3, Kenwood Business Park, New Lane, Havant, Hampshire, PO9 2NH<br>Classification: Road Haulage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                      | A14NW (NE)                             | 405                          | -       | 472470<br>106908 |
| 71     | <b>Contemporary Trade Directory Entries</b><br>Name: Robert Dyas Ltd<br>Location: 8-10, Meridian Centre, Havant, Hampshire, PO9 1UW<br>Classification: Hardware<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                     | A12SE (SW)                             | 406                          | -       | 471754<br>106361 |
| 71     | <b>Contemporary Trade Directory Entries</b><br>Name: Wilkinson Hardware Store<br>Location: 23, Meridian Centre, HAVANT, Hampshire, PO9 1UW<br>Classification: Hardware<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                | A12SE (SW)                             | 406                          | -       | 471754<br>106361 |
| 72     | <b>Contemporary Trade Directory Entries</b><br>Name: Telegraphica Design & Print<br>Location: 29, Elmleigh Road, Havant, Hampshire, PO9 2AA<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                             | A12NE (W)                              | 406                          | -       | 471688<br>106661 |
| 73     | <b>Contemporary Trade Directory Entries</b><br>Name: Street'S<br>Location: 11, East Street, Havant, Hampshire, PO9 1AB<br>Classification: Hardware<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                  | A8NW (SW)                              | 414                          | -       | 471847<br>106256 |
| 73     | <b>Contemporary Trade Directory Entries</b><br>Name: Complete Lighting Services Ltd<br>Location: East Street, Havant, Hampshire, PO9 1AA<br>Classification: Lighting Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                  | A8NW (SW)                              | 420                          | -       | 471835<br>106257 |

| Map ID | Details                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 73     | <b>Contemporary Trade Directory Entries</b><br>Name: Animal Fayre<br>Location: 8, East Street, Havant, Hampshire, PO9 1AQ<br>Classification: Pet Foods & Animal Feeds<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                      | A8NW (SW)                              | 447                          | -       | 471826 106230 |
| 73     | <b>Contemporary Trade Directory Entries</b><br>Name: Motatalk Garage Services<br>Location: 13 South St, Havant, Hampshire, PO9 1BU<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                               | A8NW (SW)                              | 494                          | -       | 471804 106188 |
| 74     | <b>Contemporary Trade Directory Entries</b><br>Name: Pennington Ziggy<br>Location: 2, Town Hall Road, Havant, Hampshire, PO9 1AN<br>Classification: Electrolysis<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                           | A8NW (S)                               | 433                          | -       | 471987 106171 |
| 75     | <b>Contemporary Trade Directory Entries</b><br>Name: Currys<br>Location: 6, West Street, Havant, Hampshire, PO9 1PF<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                 | A7NE (SW)                              | 451                          | -       | 471765 106278 |
| 76     | <b>Contemporary Trade Directory Entries</b><br>Name: Sumika Polymer Compounds Uk Ltd<br>Location: 28, New Lane, HAVANT, Hampshire, PO9 2NQ<br>Classification: Plastics - Raw Materials<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                       | A18SE (NE)                             | 489                          | -       | 472407 107069 |
| 77     | <b>Contemporary Trade Directory Entries</b><br>Name: Pearce Motors (Havant) Ltd<br>Location: 13-15, South Street, Havant, Hampshire, PO9 1BU<br>Classification: Mot Testing Centres<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                        | A8NW (SW)                              | 499                          | -       | 471819 106172 |
| 77     | <b>Contemporary Trade Directory Entries</b><br>Name: Pearce Motors<br>Location: 13-15, South Street, Havant, Hampshire, PO9 1BU<br>Classification: Mot Testing Centres<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                     | A8NW (SW)                              | 499                          | -       | 471819 106172 |
| 78     | <b>Contemporary Trade Directory Entries</b><br>Name: Service Master<br>Location: 26, Lymbourn Road, Havant, Hampshire, PO9 2SL<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                             | A8NE (S)                               | 516                          | -       | 472129 106066 |
| 79     | <b>Contemporary Trade Directory Entries</b><br>Name: Solent Cleaners Ltd<br>Location: 34, West Street, Havant, Hampshire, PO9 1PG<br>Classification: Dry Cleaners<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                          | A12SE (SW)                             | 525                          | -       | 471650 106304 |
| 80     | <b>Contemporary Trade Directory Entries</b><br>Name: Bath Renovation & Management Services<br>Location: Homewell House, 22, Homewell, Havant, Hampshire, PO9 1EE<br>Classification: Bath Resurfacing<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                | A7NE (SW)                              | 534                          | -       | 471732 106194 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Price'S Garage<br>Location: 23, South Street, Havant, Hampshire, PO9 1BU<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                           | A8NW (SW)                              | 536                          | -       | 471795 106144 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: All About Gas Heating & Plumbing Services Ltd<br>Location: 25a, South Street, Havant, Hampshire, PO9 1BU<br>Classification: Boilers - Servicing, Replacements & Repairs<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A8NW (SW)                              | 545                          | -       | 471800 106130 |



| Map ID | Details                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Livewire<br>Location: Hall Place Cottage, South Street, Havant, Hampshire, PO9 1DA<br>Classification: Tyre Repairs & Retreading<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address   | A7NE (SW)                              | 555                          | -       | 471776 106134 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Motatalk Garage Services<br>Location: 25-27, South Street, Havant, Hampshire, PO9 1BU<br>Classification: Garage Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address          | A8NW (SW)                              | 557                          | -       | 471802 106115 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Havant Garage<br>Location: 25-27, South Street, Havant, Hampshire, PO9 1BU<br>Classification: Mot Testing Centres<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address               | A8NW (SW)                              | 557                          | -       | 471802 106115 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Dave Crews<br>Location: 25-27, South Street, Havant, Hampshire, PO9 1BU<br>Classification: Car Painters & Sprayers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address              | A8NW (SW)                              | 557                          | -       | 471802 106115 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Havant Garages<br>Location: 25-27, South Street, Havant, Hampshire, PO9 1BU<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                  | A8NW (SW)                              | 557                          | -       | 471802 106115 |
| 81     | <b>Contemporary Trade Directory Entries</b><br>Name: Havant Garage<br>Location: 25-27, South Street, Havant, Hampshire, PO9 1BU<br>Classification: Mot Testing Centres<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                 | A8NW (SW)                              | 557                          | -       | 471802 106115 |
| 82     | <b>Contemporary Trade Directory Entries</b><br>Name: Supasnaps<br>Location: 29, West Street, Havant, Hampshire, PO9 1ER<br>Classification: Photographic Processors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                   | A7NE (SW)                              | 587                          | -       | 471597 106270 |
| 83     | <b>Contemporary Trade Directory Entries</b><br>Name: Pesd (Engineering) Ltd<br>Location: 20, South Street, Havant, Hampshire, PO9 1DA<br>Classification: Engineers - General<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location  | A7NE (SW)                              | 625                          | -       | 471754 106064 |
| 84     | <b>Contemporary Trade Directory Entries</b><br>Name: Park Way Centre<br>Location: Park Way, Havant, Hampshire, PO9 1HH<br>Classification: Hospitals<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                  | A12SE (W)                              | 631                          | -       | 471466 106492 |
| 85     | <b>Contemporary Trade Directory Entries</b><br>Name: Ers Engineering Services<br>Location: 8-12, Park Road South, Havant, Hampshire, PO9 1HB<br>Classification: Engineers - General<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address  | A7NE (SW)                              | 636                          | -       | 471546 106259 |
| 85     | <b>Contemporary Trade Directory Entries</b><br>Name: Rokill<br>Location: Rossland House, West St, Havant, Hampshire, PO9 1LA<br>Classification: Pest & Vermin Control<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality   | A12SE (SW)                             | 645                          | -       | 471523 106282 |
| 86     | <b>Contemporary Trade Directory Entries</b><br>Name: Shell (UK) Ltd<br>Location: 5, Park Road South, Havant, Hampshire, PO9 1HA<br>Classification: Petrol Filling Stations - 24 Hour<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A7NE (SW)                              | 637                          | -       | 471590 106196 |

| Map ID | Details                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 87     | <b>Contemporary Trade Directory Entries</b><br>Name: Mercury Graphics Ltd<br>Location: 1a, Brockhampton Lane, Havant, Hampshire, PO9 1LU<br>Classification: Copying & Duplicating Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address     | A7NE (SW)                              | 662                          | -       | 471509 106272 |
| 87     | <b>Contemporary Trade Directory Entries</b><br>Name: Printline<br>Location: 1a, Brockhampton Lane, Havant, Hampshire, PO9 1LU<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                      | A7NE (SW)                              | 662                          | -       | 471509 106272 |
| 87     | <b>Contemporary Trade Directory Entries</b><br>Name: C J H<br>Location: 3, Brockhampton Lane, Havant, PO9 1LU<br>Classification: Brake & Clutch Service Centres<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                | A7NE (SW)                              | 680                          | -       | 471497 106255 |
| 87     | <b>Contemporary Trade Directory Entries</b><br>Name: C J H Tyres Havant<br>Location: 3a, Brockhampton Lane, Havant, Hampshire, PO9 1LU<br>Classification: Tyre Dealers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                           | A7NE (SW)                              | 689                          | -       | 471497 106238 |
| 87     | <b>Contemporary Trade Directory Entries</b><br>Name: The 10th March Group Ltd<br>Location: 3a, Brockhampton Lane, Havant, Hampshire, PO9 1LU<br>Classification: Brake & Clutch Service Centres<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A7NE (SW)                              | 689                          | -       | 471497 106238 |
| 88     | <b>Contemporary Trade Directory Entries</b><br>Name: Pfizer<br>Location: 32, New Lane, Havant, Hampshire, PO9 2NG<br>Classification: Pharmaceutical Manufacturers & Distributors<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                 | A19SW (NE)                             | 664                          | -       | 472466 107236 |
| 89     | <b>Contemporary Trade Directory Entries</b><br>Name: Commercial Printers (Portsmouth) Ltd<br>Location: 39, Park Way, Havant, Hampshire, PO9 1HH<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                    | A12SW (W)                              | 688                          | -       | 471427 106404 |
| 89     | <b>Contemporary Trade Directory Entries</b><br>Name: Performance Car Co<br>Location: 39, Park Way, Havant, Hampshire, PO9 1HH<br>Classification: Car Dealers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                     | A12SW (W)                              | 688                          | -       | 471427 106404 |
| 90     | <b>Contemporary Trade Directory Entries</b><br>Name: Matkins<br>Location: 42, Lockerley Road, Havant, Hampshire, PO9 2HE<br>Classification: Washing Machines - Servicing & Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address             | A18NE (N)                              | 696                          | -       | 472191 107347 |
| 91     | <b>Contemporary Trade Directory Entries</b><br>Name: Havant Car Connection<br>Location: 98, West Street, Havant, Hampshire, PO9 1LN<br>Classification: Car Dealers - Used<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location               | A12SW (W)                              | 701                          | -       | 471435 106336 |
| 91     | <b>Contemporary Trade Directory Entries</b><br>Name: Alandown Motors Ltd<br>Location: 98, West Street, Havant, Hampshire, PO9 1LN<br>Classification: Mot Testing Centres<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                       | A12SW (W)                              | 702                          | -       | 471435 106336 |
| 91     | <b>Contemporary Trade Directory Entries</b><br>Name: Lawrence Warner Specialist Cars<br>Location: 98, West Street, Havant, Hampshire, PO9 1LN<br>Classification: Car Dealers<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the address or location              | A12SW (W)                              | 702                          | -       | 471435 106336 |

| Map ID | Details                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 91     | <b>Contemporary Trade Directory Entries</b><br>Name: Henry Jones Joinery Ltd<br>Location: 59-61, West Street, Havant, Hampshire, PO9 1LA<br>Classification: Joinery Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                 | A12SW (SW)                             | 712                          | -       | 471435 106309 |
| 92     | <b>Contemporary Trade Directory Entries</b><br>Name: Havant War Memorial Hospital<br>Location: 59, Cross Way, Havant, Hampshire, PO9 1NG<br>Classification: Hospitals<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                    | A12SW (W)                              | 717                          | -       | 471371 106616 |
| 93     | <b>Contemporary Trade Directory Entries</b><br>Name: Autotek Mobile Services<br>Location: 3, Bedhampton Way, Havant, Hampshire, PO9 2DJ<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                               | A18NW (N)                              | 718                          | -       | 471916 107338 |
| 94     | <b>Contemporary Trade Directory Entries</b><br>Name: Sam Hartley<br>Location: 6, Elm Road, Havant, Hampshire, PO9 2SZ<br>Classification: Car Dealers - Used<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                              | A8SE (S)                               | 738                          | -       | 472326 105865 |
| 95     | <b>Contemporary Trade Directory Entries</b><br>Name: Freedom Joinery<br>Location: 21, St. Albans Road, Havant, Hampshire, PO9 2JP<br>Classification: Joinery Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                 | A18NE (N)                              | 743                          | -       | 472302 107376 |
| 96     | <b>Contemporary Trade Directory Entries</b><br>Name: Metalcraft Fabrications<br>Location: 29, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Metal Products - Fabricated<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                  | A7NW (SW)                              | 743                          | -       | 471423 106260 |
| 97     | <b>Contemporary Trade Directory Entries</b><br>Name: Alchemy International<br>Location: 11, Pook Lane, Havant, Hampshire, PO9 2TH<br>Classification: Cosmetic Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                              | A9NW (SE)                              | 753                          | -       | 472659 106028 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: E Tech<br>Location: 4, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Garage Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                | A7NW (SW)                              | 759                          | -       | 471403 106266 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Iso Engineering Electrical Services Ltd<br>Location: 4, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Control Panel Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A7NW (SW)                              | 759                          | -       | 471403 106266 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Iso Engineering Electrical Services<br>Location: 4, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Control Panel Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address     | A7NW (SW)                              | 759                          | -       | 471403 106266 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: E-Tech Independent B M W Specialist<br>Location: 4, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Garage Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                   | A7NW (SW)                              | 759                          | -       | 471403 106266 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Leemac Autos<br>Location: 12-12a, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                   | A7NW (SW)                              | 777                          | -       | 471403 106224 |



| Map ID | Details                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: H & R Fabrications & Finishers Ltd<br>Location: 12-12a, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Sheet Metal Work<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address             | A7NW (SW)                              | 777                          | -       | 471403 106224 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Able Motor Co Ltd<br>Location: 12-12a, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Garage Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                 | A7NW (SW)                              | 777                          | -       | 471403 106224 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: The Havant Brewery<br>Location: Unit 25 The Tanneries, Brockhampton La, Havant, Hampshire, PO9 1JB<br>Classification: Brewers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality                           | A7NW (SW)                              | 798                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: The Havant Brewery<br>Location: 25 The Tanneries, Havant, Hampshire, Po9 1jb<br>Classification: Brewers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                                                       | A7NW (SW)                              | 798                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Picture Perfect<br>Location: Unit 9, Havant, Hampshire, PO9 1JB<br>Classification: Picture & Picture Frame Renovating & Restoring<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned within the geographical locality                         | A7NW (SW)                              | 798                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Spindex Spindle Tools<br>Location: 7, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Tool Design, Manufacturers & Makers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address              | A7NW (SW)                              | 799                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Emp Tooling Service Ltd<br>Location: 9, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Tool Design, Manufacturers & Makers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address            | A7NW (SW)                              | 799                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Iain'S Auto Services<br>Location: 20, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Car Engine Tuning & Diagnostic Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location | A7NW (SW)                              | 799                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: A C E<br>Location: 7, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Precision Engineers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                            | A7NW (SW)                              | 799                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: R S Vehicle Repair & Roys Rovers<br>Location: 20, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Garage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                    | A7NW (SW)                              | 799                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Lynx Garage<br>Location: 19, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Garage Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                           | A7NW (SW)                              | 799                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Dip & Strip<br>Location: 27-28, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Paint & Varnish Stripping<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                     | A7NW (SW)                              | 799                          | -       | 471377 106229 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Tanneries Trade<br>Location: 27-28, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Car Dealers - Used<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                | A7NW (SW)                              | 799                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Bodyguard<br>Location: 27-28, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Car Body Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                               | A7NW (SW)                              | 799                          | -       | 471377 106229 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: A B S Metal Finishers Ltd<br>Location: 2, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Metal Finishing Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                             | A7NW (SW)                              | 806                          | -       | 471358 106251 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: G & W Motors<br>Location: 2-3, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                               | A7NW (SW)                              | 806                          | -       | 471358 106251 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Smith Bros Flight Cases<br>Location: 22, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Case Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                  | A7NW (SW)                              | 806                          | -       | 471358 106251 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: P D L Technologies Ltd<br>Location: 13, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Spraying - Paint & Coatings<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                          | A7NW (SW)                              | 832                          | -       | 471357 106196 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: A C Redman Metal Spinings Ltd<br>Location: 13, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Metal Spinners<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                  | A7NW (SW)                              | 832                          | -       | 471356 106196 |
| 98     | <b>Contemporary Trade Directory Entries</b><br>Name: Oden Services (Uk) Ltd<br>Location: Unit 23 Brockhampton La, Havant, Hampshire, PO9 1JB<br>Classification: Computer Recycling & Disposal<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                              | A7NW (SW)                              | 846                          | -       | 471343 106192 |
| 99     | <b>Contemporary Trade Directory Entries</b><br>Name: Big Fish Ltd<br>Location: 10, Hayward Business Centre, New Lane, Havant, Hampshire, PO9 2NL<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                      | A19NW (NE)                             | 767                          | -       | 472548 107308 |
| 99     | <b>Contemporary Trade Directory Entries</b><br>Name: Long & Marshall Ltd<br>Location: 1, Hayward Business Centre, New Lane, Havant, Hampshire, PO9 2NL<br>Classification: Precision Engineers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                       | A19NW (NE)                             | 771                          | -       | 472509 107334 |
| 99     | <b>Contemporary Trade Directory Entries</b><br>Name: Westover Flight Technology Ltd<br>Location: Hayward Ho, Hayward Business Centre, New La, Havant, Hampshire, PO9 2NL<br>Classification: Printed Circuit Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location       | A19NW (NE)                             | 810                          | -       | 472516 107374 |
| 100    | <b>Contemporary Trade Directory Entries</b><br>Name: Barry'S Carpet Cleaning Services<br>Location: Flat 47, Chichester House, Lockerley Road, Havant, Hampshire, PO9 2LD<br>Classification: Carpet, Curtain & Upholstery Cleaners<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A18NE (N)                              | 786                          | -       | 472235 107432 |

| Map ID | Details                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 101    | <b>Contemporary Trade Directory Entries</b><br>Name: Howdens Joinery<br>Location: 7-8, Hayward Business Centre, New Lane, Havant, Hampshire, PO9 2NL<br>Classification: Builders' Merchants<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                            | A19SW (NE)                             | 790                          | -       | 472622 107288 |
| 102    | <b>Contemporary Trade Directory Entries</b><br>Name: Sos Carpet Cleaning<br>Location: 2, Nightingale Park, Havant, Hampshire, PO9 2SE<br>Classification: Carpet, Curtain & Upholstery Cleaners<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                         | A9NW (SE)                              | 792                          | -       | 472796 106124 |
| 103    | <b>Contemporary Trade Directory Entries</b><br>Name: The Dust Dolly<br>Location: 23, Boundary Way, Havant, Hampshire, PO9 1NE<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                            | A12SW (W)                              | 809                          | -       | 471285 106493 |
| 104    | <b>Contemporary Trade Directory Entries</b><br>Name: Burrows Bros Engineering Ltd<br>Location: Selbourne Road, Havant, Hampshire, PO9 1ND<br>Classification: Engineers - General<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                       | A7NW (SW)                              | 824                          | -       | 471411 106123 |
| 105    | <b>Contemporary Trade Directory Entries</b><br>Name: Spur Electron Ltd<br>Location: Hayward House, 2a-2b, Hayward Business Centre, New Lane, Havant, Hampshire, PO9 2NL<br>Classification: Printed Circuit Manufacturers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address | A19NW (NE)                             | 824                          | -       | 472537 107380 |
| 105    | <b>Contemporary Trade Directory Entries</b><br>Name: Senator Press<br>Location: 4, Hayward Business Centre, New Lane, Havant, Hampshire, PO9 2NL<br>Classification: Printers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                             | A19NW (NE)                             | 825                          | -       | 472569 107363 |
| 106    | <b>Contemporary Trade Directory Entries</b><br>Name: Visitech<br>Location: Solent Rd, Havant, Hampshire, PO9 1TR<br>Classification: Plastic Products - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location                            | A7NW (SW)                              | 834                          | -       | 471434 106075 |
| 107    | <b>Contemporary Trade Directory Entries</b><br>Name: Mydreamclean<br>Location: 18, Juventu Close, Havant, Hampshire, PO9 2HW<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                             | A18NE (N)                              | 835                          | -       | 472154 107487 |
| 108    | <b>Contemporary Trade Directory Entries</b><br>Name: Plastic Engineering Solutions<br>Location: 23, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Plastics - Injection Moulding<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address      | A7NW (SW)                              | 847                          | -       | 471344 106188 |
| 109    | <b>Contemporary Trade Directory Entries</b><br>Name: Ornamental-Plus<br>Location: 9, Stockheath Way, Havant, Hampshire, PO9 2DR<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                        | A18NW (N)                              | 880                          | -       | 471808 107473 |
| 109    | <b>Contemporary Trade Directory Entries</b><br>Name: Stockheath Pest Control<br>Location: 15, Stockheath Way, Havant, Hampshire, PO9 2DR<br>Classification: Pest & Vermin Control<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                      | A18NW (N)                              | 886                          | -       | 471824 107485 |



| Map ID | Details                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 110    | <b>Contemporary Trade Directory Entries</b><br>Name: Hourglass Mirrors & Decorative Glass<br>Location: 14, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Glass Products - Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A7NW (SW)                              | 895                          | -       | 471291 106186 |
| 110    | <b>Contemporary Trade Directory Entries</b><br>Name: South Hants Glass<br>Location: Unit 10 Solent Rd, Havant, Hampshire, PO9 1JH<br>Classification: Glass Products - Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the address or location                                | A7NW (SW)                              | 917                          | -       | 471262 106194 |
| 111    | <b>Contemporary Trade Directory Entries</b><br>Name: 1st Aat<br>Location: 15, Abbotstone Avenue, Havant, Hampshire, PO9 2HL<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                         | A18NW (N)                              | 898                          | -       | 472091 107550 |
| 112    | <b>Contemporary Trade Directory Entries</b><br>Name: Kemp Brothers<br>Location: 9, Cross Way, Havant, Hampshire, PO9 1NG<br>Classification: Joinery Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                       | A12SW (W)                              | 906                          | -       | 471182 106578 |
| 113    | <b>Contemporary Trade Directory Entries</b><br>Name: Lefay Engineering Ltd<br>Location: Unit 3, 25c, Brockhampton Lane, Havant, Hampshire, PO9 1JT<br>Classification: Precision Engineers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                               | A7NW (SW)                              | 927                          | -       | 471296 106109 |
| 113    | <b>Contemporary Trade Directory Entries</b><br>Name: Solent Cleaners<br>Location: 15, Solent Road, HAVANT, Hampshire, PO9 1AF<br>Classification: Dry Cleaners<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                           | A7NW (SW)                              | 927                          | -       | 471296 106109 |
| 113    | <b>Contemporary Trade Directory Entries</b><br>Name: Motomex Ltd<br>Location: 25a, Brockhampton Lane, Havant, Hampshire, PO9 1JT<br>Classification: Garage Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                       | A7NW (SW)                              | 927                          | -       | 471296 106109 |
| 113    | <b>Contemporary Trade Directory Entries</b><br>Name: Motomex<br>Location: Unit 2, 25c, Brockhampton Lane, Havant, Hampshire, PO9 1JT<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                 | A7NW (SW)                              | 946                          | -       | 471273 106113 |
| 113    | <b>Contemporary Trade Directory Entries</b><br>Name: Navitron Systems Ltd<br>Location: Unit 2, 25e, Brockhampton Lane, Havant, Hampshire, PO9 1JT<br>Classification: Marine Equipment & Supplies<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                          | A7NW (SW)                              | 974                          | -       | 471250 106096 |
| 113    | <b>Contemporary Trade Directory Entries</b><br>Name: Motomex<br>Location: Unit 2, 25e, Brockhampton Lane, Havant, Hampshire, PO9 1JT<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                 | A7NW (SW)                              | 974                          | -       | 471250 106096 |
| 114    | <b>Contemporary Trade Directory Entries</b><br>Name: Coopers Blinds Ltd<br>Location: 18, The Tanneries, Brockhampton Lane, Havant, Hampshire, PO9 1JB<br>Classification: Blinds, Awnings & Canopies<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                     | A7NW (SW)                              | 943                          | -       | 471233 106194 |
| 115    | <b>Contemporary Trade Directory Entries</b><br>Name: Kwik Fit<br>Location: New Road, Havant, Hampshire, PO9 1DE<br>Classification: Tyre Dealers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                           | A12NW (W)                              | 967                          | -       | 471137 106764 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 115    | <b>Contemporary Trade Directory Entries</b><br>Name: Kwik-Fit<br>Location: New Road, Havant, Hampshire, PO9 1DE<br>Classification: Tyre Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                                   | A12NW (W)                              | 967                          | -       | 471137<br>106764 |
| 116    | <b>Contemporary Trade Directory Entries</b><br>Name: Formaplex<br>Location: 1, Downley Road, Havant, Hampshire, PO9 2NJ<br>Classification: Machine Tools - Manufacturers & Distributors<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                             | A19NW (NE)                             | 968                          | -       | 472624<br>107496 |
| 116    | <b>Contemporary Trade Directory Entries</b><br>Name: Butterick Co Ltd<br>Location: 38, New Lane, HAVANT, Hampshire, PO9 2ND<br>Classification: Pattern Makers - Industrial<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                        | A19NW (NE)                             | 968                          | -       | 472624<br>107496 |
| 116    | <b>Contemporary Trade Directory Entries</b><br>Name: Pencol<br>Location: Buttricks Building, Unit H New Lane, Havant, Hampshire, PO9 2ND<br>Classification: Electrical Engineers<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned within the geographical locality                                       | A19NW (NE)                             | 968                          | -       | 472624<br>107496 |
| 116    | <b>Contemporary Trade Directory Entries</b><br>Name: Hampshire Signs & Plastics Ltd<br>Location: Unit C, 38 Butterick Centre, New Lane, Havant, Hampshire, PO9 2ND<br>Classification: Plastic Products - Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned within the geographical locality | A19NW (NE)                             | 968                          | -       | 472624<br>107496 |
| 116    | <b>Contemporary Trade Directory Entries</b><br>Name: Diamond Leisure<br>Location: Unit L, Buttericks Building, 38 New La, Havant, Hampshire, PO9 2ND<br>Classification: Catering Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                 | A19NW (NE)                             | 968                          | -       | 472624<br>107496 |
| 116    | <b>Contemporary Trade Directory Entries</b><br>Name: Park Life<br>Location: 38, New Lane, Havant, Hampshire, PO9 2ND<br>Classification: Cycle Accessories, Manufacturers & Wholesalers<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned to the address or location                                       | A19NW (NE)                             | 968                          | -       | 472624<br>107496 |
| 116    | <b>Contemporary Trade Directory Entries</b><br>Name: Car Call (Uk) Ltd<br>Location: 1, Downley Road, Havant, Hampshire, PO9 2NJ<br>Classification: Car Body Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                               | A19NW (NE)                             | 968                          | -       | 472624<br>107496 |
| 117    | <b>Contemporary Trade Directory Entries</b><br>Name: Scuffmaster<br>Location: 2, Farm Cottages, Emsworth Road, Havant, Hampshire, PO9 2SA<br>Classification: Car Paint & Lacquer Manufacturers & Suppliers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                          | A9NE (SE)                              | 973                          | -       | 472996<br>106102 |
| 118    | <b>Contemporary Trade Directory Entries</b><br>Name: Aggregates & Soil Direct<br>Location: New La, Havant, Hampshire, PO9 2JH<br>Classification: Sand, Gravel & Other Aggregates<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                           | A19NW (NE)                             | 977                          | -       | 472577<br>107530 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: Sytec Ltd<br>Location: 28, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP<br>Classification: Electronic Engineers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                              | A19NW (NE)                             | 981                          | -       | 472777<br>107409 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: Oakwood Cold Transport Ltd<br>Location: 7, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP<br>Classification: Distribution Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                             | A19NW (NE)                             | 987                          | -       | 472710<br>107467 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: S G Design & Print<br>Location: 22, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP<br>Classification: Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                               | A19NW (NE)                             | 988                          | -       | 472780<br>107416 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: Macdonald Engineering<br>Location: 10, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP<br>Classification: Precision Engineers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                 | A19NW (NE)                             | 993                          | -       | 472735<br>107457 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: Uni-Guard Fire Protection Ltd<br>Location: 12, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP<br>Classification: Firefighting Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                      | A19NW (NE)                             | 997                          | -       | 472748<br>107452 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: Hampshire Heating Components<br>Location: 12, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP<br>Classification: Heat Treatment - Metals<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                        | A19NW (NE)                             | 997                          | -       | 472748<br>107452 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: Fluid Power Components Ltd<br>Location: 13-14, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP<br>Classification: Pneumatic Systems & Equipment<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                 | A19NW (NE)                             | 999                          | -       | 472754<br>107450 |
| 120    | <b>Contemporary Trade Directory Entries</b><br>Name: Snell Ltd<br>Location: 1, Downley Road, Havant, Hampshire, PO9 2NJ<br>Classification: Electronic Equipment - Manufacturers & Assemblers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                      | A19NW (NE)                             | 985                          | -       | 472698<br>107472 |
| 120    | <b>Contemporary Trade Directory Entries</b><br>Name: Closewood Air-Conditioning<br>Location: Unit 1 Downley Rd, Havant, Hampshire, PO9 2NJ<br>Classification: Air Conditioning & Refrigeration Contractors<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned to the road within the address or location | A19NW (NE)                             | 997                          | -       | 472692<br>107490 |
| 121    | <b>Contemporary Trade Directory Entries</b><br>Name: Domestic Heaven<br>Location: Horsebridge Rd, Havant, Hampshire, PO9 2LH<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality                                       | A18NE (N)                              | 988                          | -       | 472422<br>107599 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: Active<br>Location: 80, Nutwick Road, Havant, Hampshire, PO9 2UL<br>Classification: Pest & Vermin Control<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                                    | A19NE (NE)                             | 996                          | -       | 472853<br>107362 |
| 123    | <b>Contemporary Trade Directory Entries</b><br>Name: Indust Klen<br>Location: 11, Woodlands Way, Havant, Hampshire, PO9 2EA<br>Classification: Carpet, Curtain & Upholstery Cleaners<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                            | A17NE (N)                              | 999                          | -       | 471782<br>107589 |
| 124    | <b>Fuel Station Entries</b><br>Name: Park Road South Service Station<br>Location: Park Road South, Bulbeck Road, HAVANT, Hampshire, PO9 1HA<br>Brand: Texaco<br>Premises Type: Not Applicable<br><b>Status:</b> Obsolete<br>Positional Accuracy: Automatically positioned to the address                                   | A7NE (SW)                              | 637                          | -       | 471590<br>106196 |



| Map ID | Details                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 125    | <b>Fuel Station Entries</b><br>Name: Hendy Lennox<br>Location: New Road, HAVANT, Hampshire, PO9 1DE<br>Brand: Obsolete<br>Premises Type: Not Applicable<br><b>Status: Obsolete</b><br>Positional Accuracy: Automatically positioned to the address             | A12NW (W)                              | 967                          | -       | 471136<br>106763 |
| 126    | <b>Fuel Station Entries</b><br>Name: Tesco Havant Extra<br>Location: Solent Road, Havant, Hampshire, PO9 1TR<br>Brand: Tesco Extra<br>Premises Type: Hypermarket<br><b>Status: Open</b><br>Positional Accuracy: Manually positioned to the address or location | A7NW (SW)                              | 976                          | -       | 471280<br>106044 |

| Map ID | Details                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 127    | <b>Areas of Outstanding Natural Beauty</b><br>Name: Chichester Harbour<br>Multiple Areas: N<br>Total Area (m2): 73161989.53<br>Designation Date: 28th February 1964<br>Source: Natural England | A8SW (S)                               | 857                          | 5       | 472063 105728 |
| 128    | <b>Nitrate Vulnerable Zones</b><br>Name: Not Supplied<br>Description: Eutrophic Water<br>Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)                    | A13SE (S)                              | 0                            | 6       | 472129 106614 |
| 129    | <b>Nitrate Vulnerable Zones</b><br>Name: Not Supplied<br>Description: Surface Water<br>Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)                      | A13SE (SE)                             | 332                          | 6       | 472450 106441 |

| Agency & Hydrological                                                                                                                                                                                                                                                                                                                                                                            | Version                                                                       | Update Cycle                                                                                                              |
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| <b>Contaminated Land Register Entries and Notices</b><br>East Hampshire District Council - Environmental Health Department<br>Havant Borough Council - Environmental Health Department<br>Chichester District Council - Environmental Health Department<br>Portsmouth City Council - Health and Trading Standards<br>Winchester City Council - Environmental Health Department                   | January 2015<br>January 2015<br>July 2013<br>October 2014<br>September 2014   | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - Southern Region                                                                                                                                                                                                                                                                                                                                | July 2015                                                                     | Quarterly                                                                                                                 |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - Southern Region                                                                                                                                                                                                                                                                                                               | March 2013                                                                    | As notified                                                                                                               |
| <b>Integrated Pollution Controls</b><br>Environment Agency - Southern Region                                                                                                                                                                                                                                                                                                                     | October 2008                                                                  | Not Applicable                                                                                                            |
| <b>Integrated Pollution Prevention And Control</b><br>Environment Agency - South East Region - Solent & South Downs Area<br>Environment Agency - Southern Region                                                                                                                                                                                                                                 | July 2015<br>July 2015                                                        | Quarterly<br>Quarterly                                                                                                    |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>Portsmouth City Council - Environmental Health Department<br>East Hampshire District Council - Environmental Health Department<br>Winchester City Council - Environmental Health Department<br>Havant Borough Council - Environmental Health Department<br>Chichester District Council - Environmental Health Department   | August 2014<br>December 2014<br>December 2014<br>October 2012<br>October 2014 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Controls</b><br>Portsmouth City Council - Environmental Health Department<br>East Hampshire District Council - Environmental Health Department<br>Winchester City Council - Environmental Health Department<br>Havant Borough Council - Environmental Health Department<br>Chichester District Council - Environmental Health Department             | August 2014<br>December 2014<br>December 2014<br>October 2012<br>October 2014 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Portsmouth City Council - Environmental Health Department<br>East Hampshire District Council - Environmental Health Department<br>Winchester City Council - Environmental Health Department<br>Havant Borough Council - Environmental Health Department<br>Chichester District Council - Environmental Health Department | August 2014<br>December 2014<br>December 2014<br>October 2012<br>October 2014 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey                                                                                                                                                                                                                                                                                                                                          | July 2012                                                                     | Quarterly                                                                                                                 |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - Southern Region                                                                                                                                                                                                                                                                                                          | December 1999                                                                 | Not Applicable                                                                                                            |
| <b>Prosecutions Relating to Authorised Processes</b><br>Environment Agency - Southern Region                                                                                                                                                                                                                                                                                                     | March 2013                                                                    | As notified                                                                                                               |
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - Southern Region                                                                                                                                                                                                                                                                                                        | March 2013                                                                    | As notified                                                                                                               |
| <b>River Quality</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                                                                                                         | November 2001                                                                 | Not Applicable                                                                                                            |
| <b>River Quality Biology Sampling Points</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                                                                                 | July 2012                                                                     | Annually                                                                                                                  |
| <b>River Quality Chemistry Sampling Points</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                                                                               | July 2012                                                                     | Annually                                                                                                                  |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office<br>Environment Agency - Southern Region - Solent and South Downs<br>Environment Agency - Southern Region - Sussex Area                                                                                                                                        | July 2015<br>July 2015<br>July 2015                                           | Quarterly<br>Quarterly<br>Quarterly                                                                                       |
| <b>Water Abstractions</b><br>Environment Agency - Southern Region                                                                                                                                                                                                                                                                                                                                | April 2015                                                                    | Quarterly                                                                                                                 |



| Agency & Hydrological                                                                                          | Version      | Update Cycle   |
|----------------------------------------------------------------------------------------------------------------|--------------|----------------|
| <b>Water Industry Act Referrals</b><br>Environment Agency - Southern Region                                    | July 2015    | Quarterly      |
| <b>Groundwater Vulnerability</b><br>Environment Agency - Head Office                                           | April 2015   | Not Applicable |
| <b>Drift Deposits</b><br>Environment Agency - Head Office                                                      | January 1999 | Not Applicable |
| <b>Bedrock Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service     | October 2012 | As notified    |
| <b>Superficial Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service | January 2015 | As notified    |
| <b>Source Protection Zones</b><br>Environment Agency - Head Office                                             | July 2015    | Quarterly      |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                | May 2015     | Quarterly      |
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                        | May 2015     | Quarterly      |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office                                | May 2015     | Quarterly      |
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office                                           | May 2015     | Quarterly      |
| <b>Flood Defences</b><br>Environment Agency - Head Office                                                      | May 2015     | Quarterly      |
| <b>Detailed River Network Lines</b><br>Environment Agency - Head Office                                        | March 2012   | Annually       |
| <b>Detailed River Network Offline Drainage</b><br>Environment Agency - Head Office                             | March 2012   | Annually       |
| <b>Surface Water 1 in 30 year Flood Extent</b><br>Environment Agency - Head Office                             | October 2013 | As notified    |
| <b>Surface Water 1 in 100 year Flood Extent</b><br>Environment Agency - Head Office                            | October 2013 | As notified    |
| <b>Surface Water 1 in 1000 year Flood Extent</b><br>Environment Agency - Head Office                           | October 2013 | As notified    |
| <b>Surface Water Suitability</b><br>Environment Agency - Head Office                                           | October 2013 | As notified    |

| Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Version                                                                          | Update Cycle                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                                                                                                                                                                    | June 1996                                                                        | Not Applicable                                                                                                             |
| <b>Historical Landfill Sites</b><br>Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office<br>Environment Agency - Southern Region - Solent and South Downs<br>Environment Agency - Southern Region - Sussex Area                                                                                                                                                                                                                    | May 2015<br>May 2015<br>May 2015                                                 | Quarterly<br>Quarterly<br>Quarterly                                                                                        |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - Southern Region                                                                                                                                                                                                                                                                                                                                                           | October 2008                                                                     | Not Applicable                                                                                                             |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office<br>Environment Agency - Southern Region - Solent and South Downs<br>Environment Agency - Southern Region - Sussex Area                                                                                                                                                                                   | August 2014<br>August 2014<br>August 2014                                        | Quarterly<br>Quarterly<br>Quarterly                                                                                        |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - South East Region - Solent & South Downs Area<br>Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office<br>Environment Agency - Southern Region - Solent and South Downs<br>Environment Agency - Southern Region - Sussex Area                                                                                                                       | July 2015<br>July 2015<br>July 2015<br>July 2015                                 | Quarterly<br>Quarterly<br>Quarterly<br>Quarterly                                                                           |
| <b>Local Authority Landfill Coverage</b><br>Chichester District Council - Environmental Health Department<br>East Hampshire District Council<br>Hampshire County Council - Minerals and Waste Planning<br>Havant Borough Council - Environmental Health Department<br>Portsmouth City Council - Environmental Health Department<br>West Sussex County Council - Environment & Development<br>Winchester City Council - Environmental Health Department       | May 2000<br>May 2000<br>May 2000<br>May 2000<br>May 2000<br>May 2000<br>May 2000 | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Local Authority Recorded Landfill Sites</b><br>Chichester District Council - Environmental Health Department<br>East Hampshire District Council<br>Hampshire County Council - Minerals and Waste Planning<br>Havant Borough Council - Environmental Health Department<br>Portsmouth City Council - Environmental Health Department<br>West Sussex County Council - Environment & Development<br>Winchester City Council - Environmental Health Department | May 2000<br>May 2000<br>May 2000<br>May 2000<br>May 2000<br>May 2000<br>May 2000 | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Registered Landfill Sites</b><br>Environment Agency - Southern Region - Hampshire Area<br>Environment Agency - Southern Region - Sussex Area                                                                                                                                                                                                                                                                                                              | March 2003<br>March 2003                                                         | Not Applicable<br>Not Applicable                                                                                           |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - Southern Region - Hampshire Area<br>Environment Agency - Southern Region - Sussex Area                                                                                                                                                                                                                                                                                                        | March 2003<br>March 2003                                                         | Not Applicable<br>Not Applicable                                                                                           |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - Southern Region - Hampshire Area<br>Environment Agency - Southern Region - Sussex Area                                                                                                                                                                                                                                                                                           | March 2003<br>March 2003                                                         | Not Applicable<br>Not Applicable                                                                                           |

| Hazardous Substances                                                                                                                                                                                                                                                                                                                                                                                   | Version                                                                                                            | Update Cycle                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                                                  | June 2015                                                                                                          | Bi-Annually                                                                                                                                                                 |
| <b>Explosive Sites</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                                                                                  | June 2015                                                                                                          | Bi-Annually                                                                                                                                                                 |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive                                                                                                                                                                                                                                                                                              | November 2000                                                                                                      | Not Applicable                                                                                                                                                              |
| <b>Planning Hazardous Substance Enforcements</b><br>Havant Borough Council - Commercial Team<br>Portsmouth City Council - Planning Office<br>Hampshire County Council - Minerals and Waste Planning<br>West Sussex County Council - Environment & Development<br>Chichester District Council - Planning Department<br>East Hampshire District Council<br>Winchester City Council - Planning Department | December 2014<br>February 2015<br>March 2015<br>October 2006<br>September 2014<br>September 2014<br>September 2014 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Planning Hazardous Substance Consents</b><br>Havant Borough Council - Commercial Team<br>Portsmouth City Council - Planning Office<br>Hampshire County Council - Minerals and Waste Planning<br>West Sussex County Council - Environment & Development<br>Chichester District Council - Planning Department<br>East Hampshire District Council<br>Winchester City Council - Planning Department     | December 2014<br>February 2015<br>March 2015<br>October 2006<br>September 2014<br>September 2014<br>September 2014 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |



| <b>Geological</b>                                                                                                                               | <b>Version</b> | <b>Update Cycle</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service                                       | January 2009   | Not Applicable      |
| <b>BGS Estimated Soil Chemistry</b><br>British Geological Survey - National Geoscience Information Service                                      | January 2010   | Annually            |
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service                                        | May 2015       | Bi-Annually         |
| <b>Brine Compensation Area</b><br>Cheshire Brine Subsidence Compensation Board                                                                  | August 2011    | Not Applicable      |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Mining Report Service                                                                 | March 2014     | As notified         |
| <b>Mining Instability</b><br>Ove Arup & Partners                                                                                                | October 2000   | Not Applicable      |
| <b>Non Coal Mining Areas of Great Britain</b><br>British Geological Survey - National Geoscience Information Service                            | July 2014      | Not Applicable      |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | June 2015      | Annually            |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | June 2015      | Annually            |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | June 2015      | Annually            |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | June 2015      | Annually            |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | June 2015      | Annually            |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service | June 2015      | Annually            |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service                            | July 2011      | As notified         |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service                       | July 2011      | As notified         |
| <b>Industrial Land Use</b>                                                                                                                      | <b>Version</b> | <b>Update Cycle</b> |
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories                                                                              | August 2015    | Quarterly           |
| <b>Fuel Station Entries</b><br>Catalist Ltd - Experian                                                                                          | August 2015    | Quarterly           |

| <b>Sensitive Land Use</b>                                                                                     | <b>Version</b> | <b>Update Cycle</b> |
|---------------------------------------------------------------------------------------------------------------|----------------|---------------------|
| <b>Areas of Outstanding Natural Beauty</b><br>Natural England                                                 | February 2015  | Bi-Annually         |
| <b>Environmentally Sensitive Areas</b><br>Natural England                                                     | August 2014    | Annually            |
| <b>Forest Parks</b><br>Forestry Commission                                                                    | April 1997     | Not Applicable      |
| <b>Local Nature Reserves</b><br>Natural England                                                               | April 2015     | Bi-Annually         |
| <b>Marine Nature Reserves</b><br>Natural England                                                              | July 2013      | Bi-Annually         |
| <b>National Nature Reserves</b><br>Natural England                                                            | March 2015     | Bi-Annually         |
| <b>National Parks</b><br>Natural England                                                                      | August 2015    | Bi-Annually         |
| <b>Nitrate Sensitive Areas</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)  | February 2012  | Not Applicable      |
| <b>Nitrate Vulnerable Zones</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | July 2014      | Annually            |
| <b>Ramsar Sites</b><br>Natural England                                                                        | March 2014     | Bi-Annually         |
| <b>Sites of Special Scientific Interest</b><br>Natural England                                                | April 2015     | Bi-Annually         |
| <b>Special Areas of Conservation</b><br>Natural England                                                       | March 2014     | Bi-Annually         |
| <b>Special Protection Areas</b><br>Natural England                                                            | April 2015     | Bi-Annually         |

A selection of organisations who provide data within this report

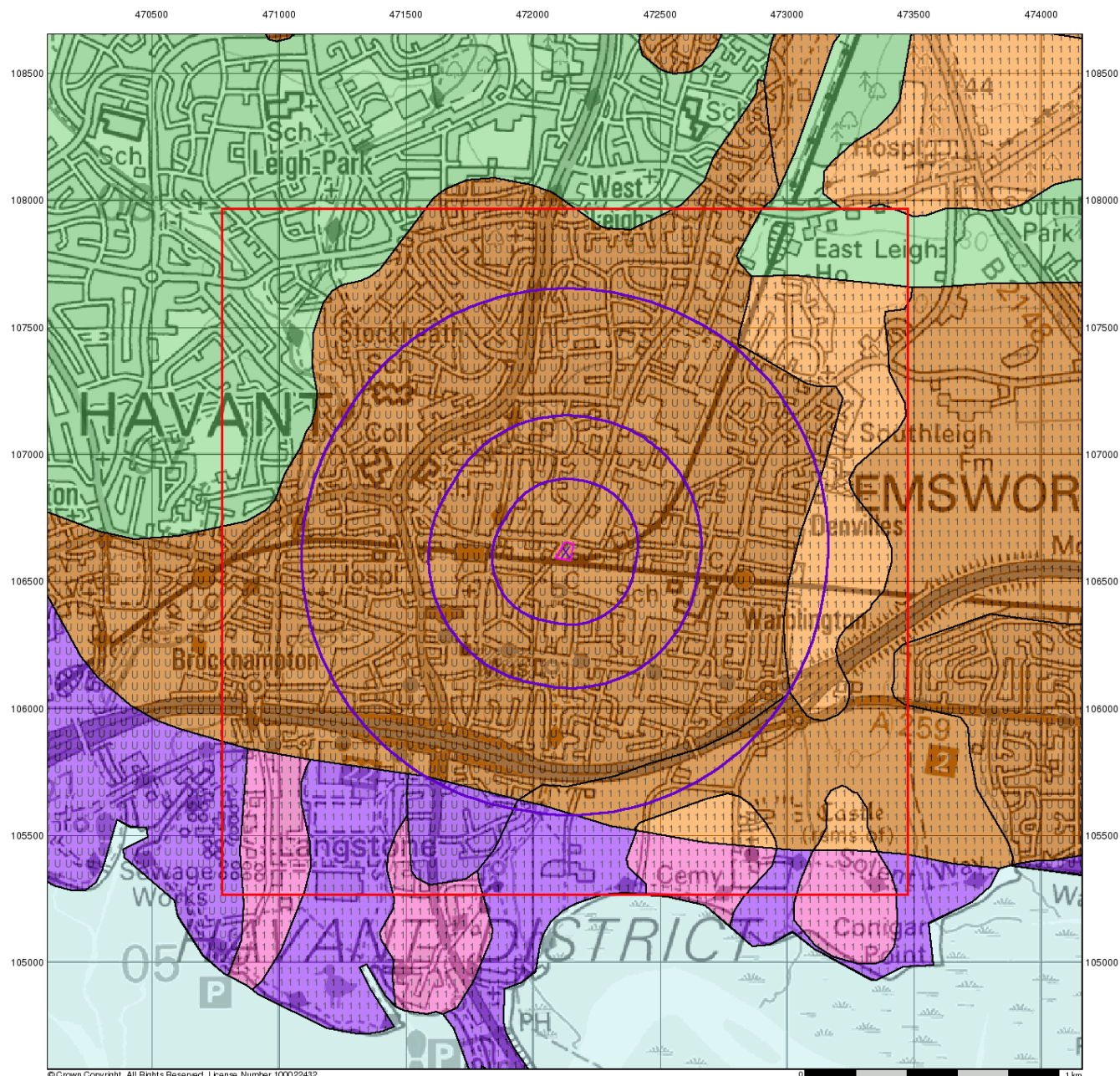
| Data Supplier                          | Data Supplier Logo                                                                                                                                         |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ordnance Survey                        |  Ordnance Survey<br>Licensed Partner                                    |
| Environment Agency                     |  Environment Agency                                                     |
| Scottish Environment Protection Agency |  SEPA<br>Scottish Environment Protection Agency                         |
| The Coal Authority                     |  THE COAL AUTHORITY                                                     |
| British Geological Survey              |  British Geological Survey<br>NATURAL ENVIRONMENT RESEARCH COUNCIL      |
| Centre for Ecology and Hydrology       |  Centre for Ecology & Hydrology<br>NATURAL ENVIRONMENT RESEARCH COUNCIL |
| Natural Resources Wales                |  Cyfoeth Naturiol Cymru<br>Natural Resources Wales                     |
| Scottish Natural Heritage              |  SCOTTISH NATURAL HERITAGE                                            |
| Natural England                        |  NATURAL ENGLAND                                                      |
| Public Health England                  |  Public Health England                                                |
| Ove Arup                               |  ARUP                                                                 |
| Peter Brett Associates                 |  pba peterbrett                                                       |



| Contact | Name and Address                                                                                                                                                  | Contact Details                                                                                                                                                                                                                      |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY                                              | Telephone: 08708 506 506<br>Email: <a href="mailto:enquiries@environment-agency.gov.uk">enquiries@environment-agency.gov.uk</a>                                                                                                      |
| 3       | <b>Havant Borough Council - Environmental Health Department</b><br>Public Service PLaza, Civic Centre Road, Havant, Hampshire, PO9 2AX                            | Telephone: 023 9244 6677<br>Email: <a href="mailto:env.services@havant.gov.uk">env.services@havant.gov.uk</a><br>Website: <a href="http://www.havant.gov.uk">www.havant.gov.uk</a>                                                   |
| 4       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG          | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a><br>Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>                                                   |
| 5       | <b>Natural England</b><br>Suite D, Unex House, Bourges Boulevard, Peterborough, Cambridgeshire, PE1 1NG                                                           | Telephone: 0845 600 3078<br>Email: <a href="mailto:enquiries@naturalengland.org.uk">enquiries@naturalengland.org.uk</a><br>Website: <a href="http://www.naturalengland.org.uk">www.naturalengland.org.uk</a>                         |
| 6       | <b>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)</b><br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879                                                                                                                                                                                        |
| 7       | <b>Environment Agency - Head Office</b><br>Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD                                           | Telephone: 01454 624400<br>Fax: 01454 624409                                                                                                                                                                                         |
| 8       | <b>Hampshire County Council - Minerals and Waste Planning</b><br>Room 130, Ashburton Court West, The Castle, Winchester, Hampshire, SO23 8UD                      | Telephone: 01962 841841<br>Fax: 01962 847055<br>Website: <a href="http://www.hants.gov.uk">www.hants.gov.uk</a>                                                                                                                      |
| -       | <b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: <a href="mailto:radon@phe.gov.uk">radon@phe.gov.uk</a><br>Website: <a href="http://www.ukradon.org">www.ukradon.org</a>                                                       |
| -       | <b>Landmark Information Group Limited</b><br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD                                                                  | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a><br>Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a> |

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

## **Appendix C Site Sensitivity Maps**



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## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Geological Classes

**Major Aquifer  
(Highly Permeable)**

#### Soil Classes

- High (H) 1, 2, 3, U  
 Intermediate (I) 1, 2  
 Low

**Minor Aquifer  
(Variably Permeable)**

- High (H) 1, 2, 3, U  
 Intermediate (I) 1, 2  
 Low

**Non Aquifer  
(Negligibly Permeable)**

- 

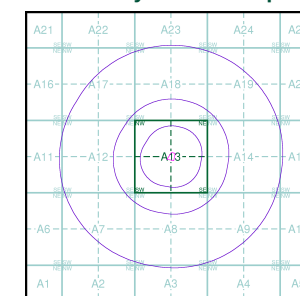
**Water or Sea**

- 

**Drift Deposit**

- 

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
 Customer Ref: 15214  
 National Grid Reference: 472130, 106610  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH





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## Bedrock Aquifer Designation

### General

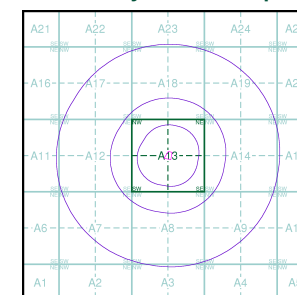
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

### Site Sensitivity Context Map - Slice A

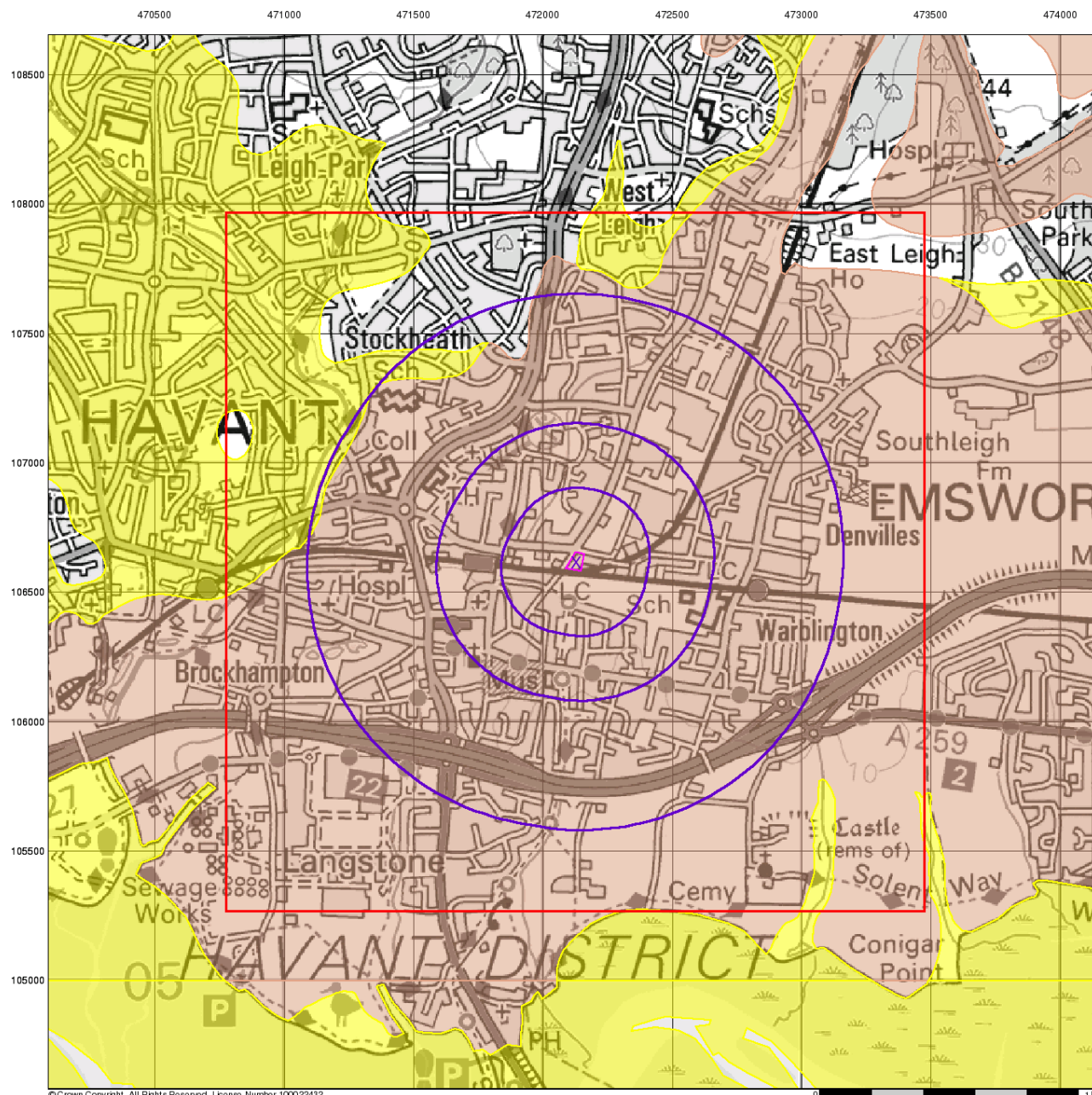


### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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## Superficial Aquifer Designation

### General

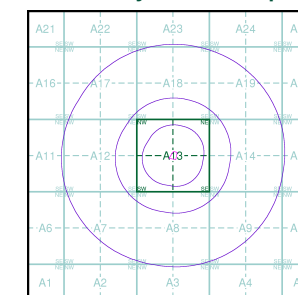
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

### Site Sensitivity Context Map - Slice A



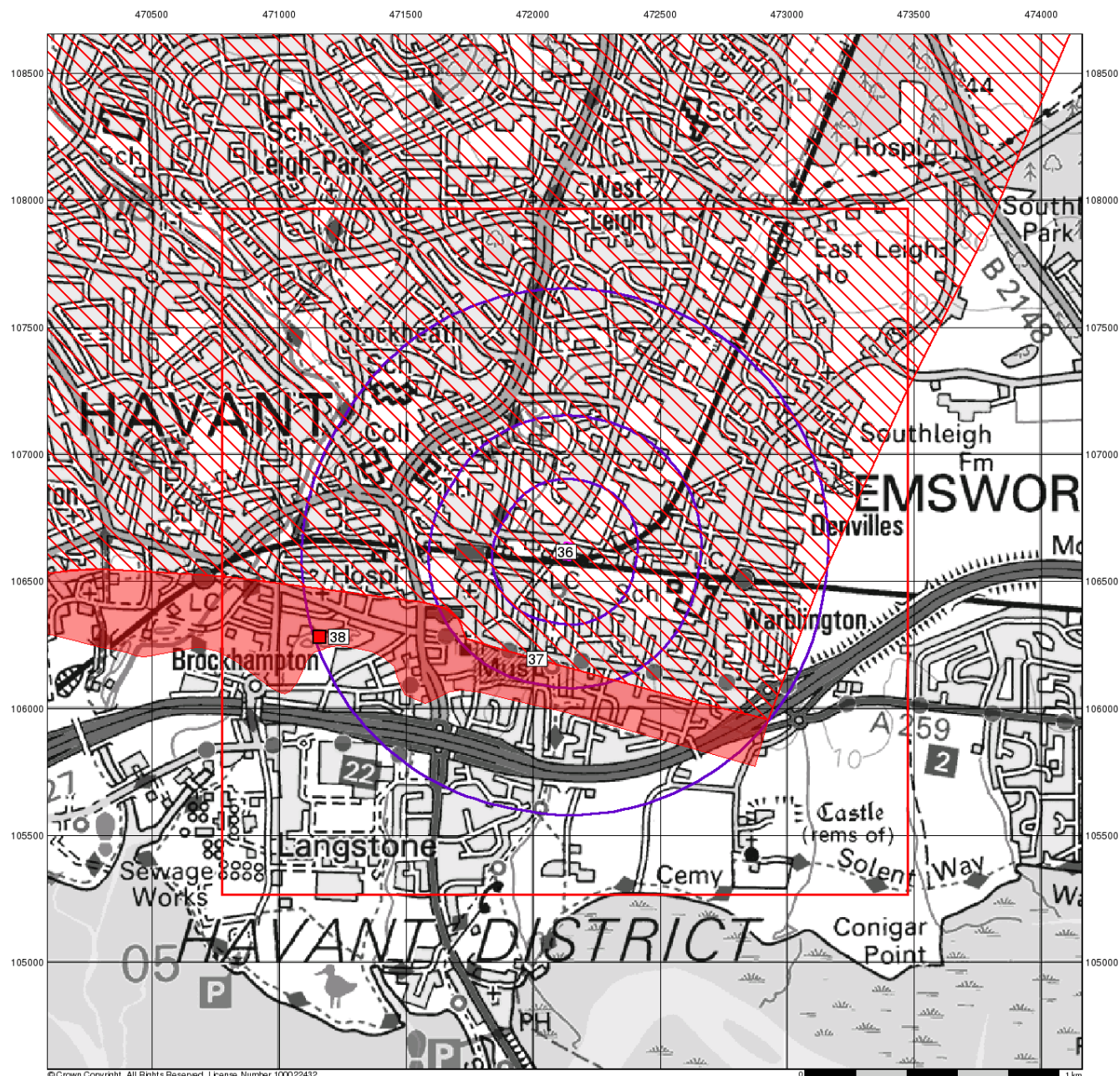
### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH





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0 1 km

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Consultants

## Source Protection Zones

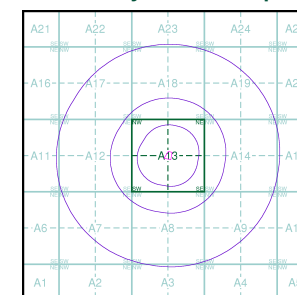
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

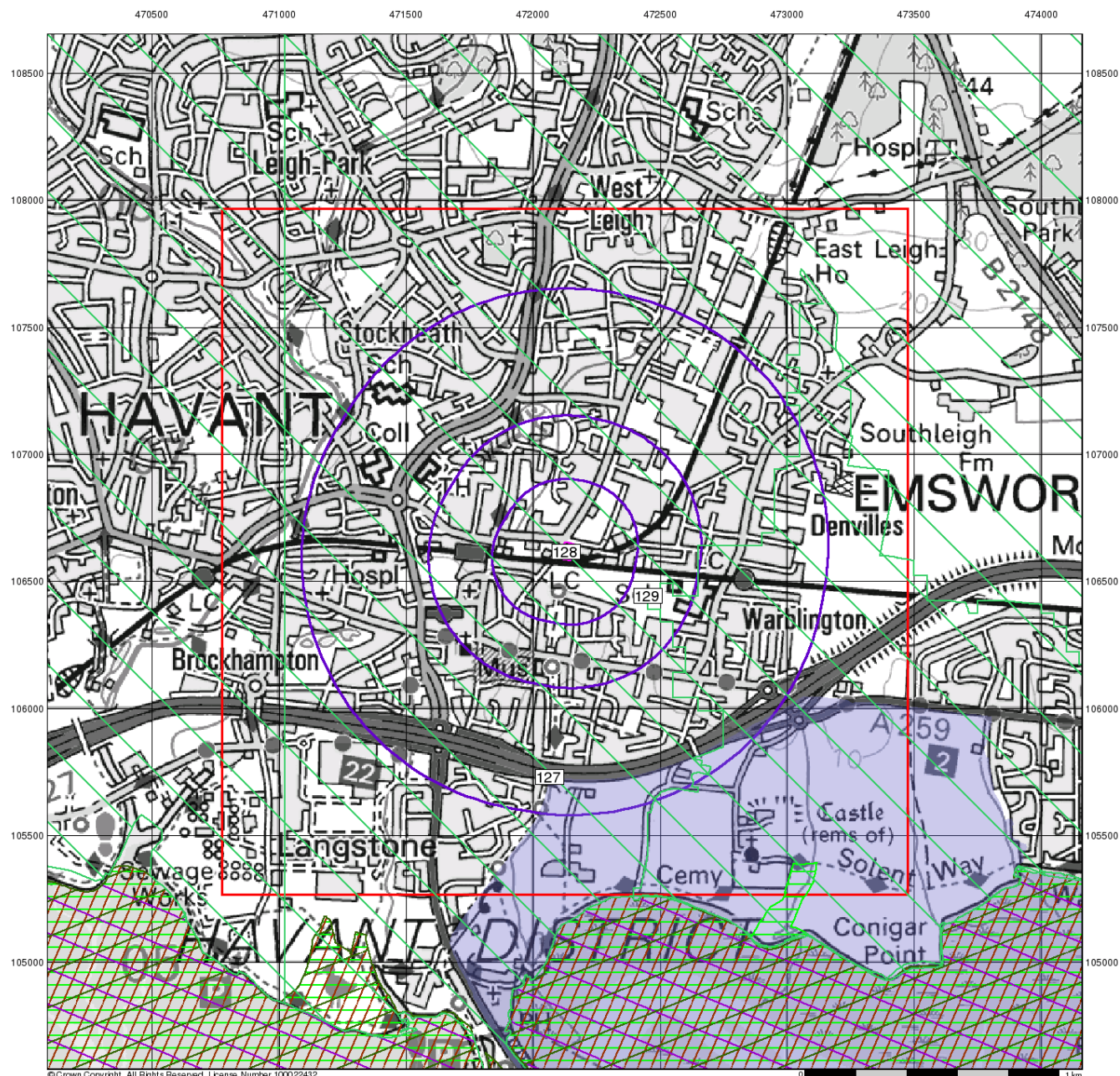
### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH

**Landmark**  
Information Group

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## Sensitive Land Uses

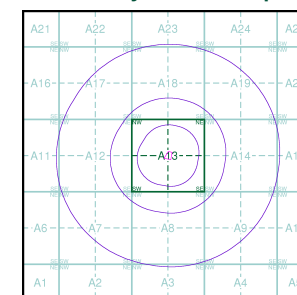
### General

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

### Sensitive Land Uses

- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

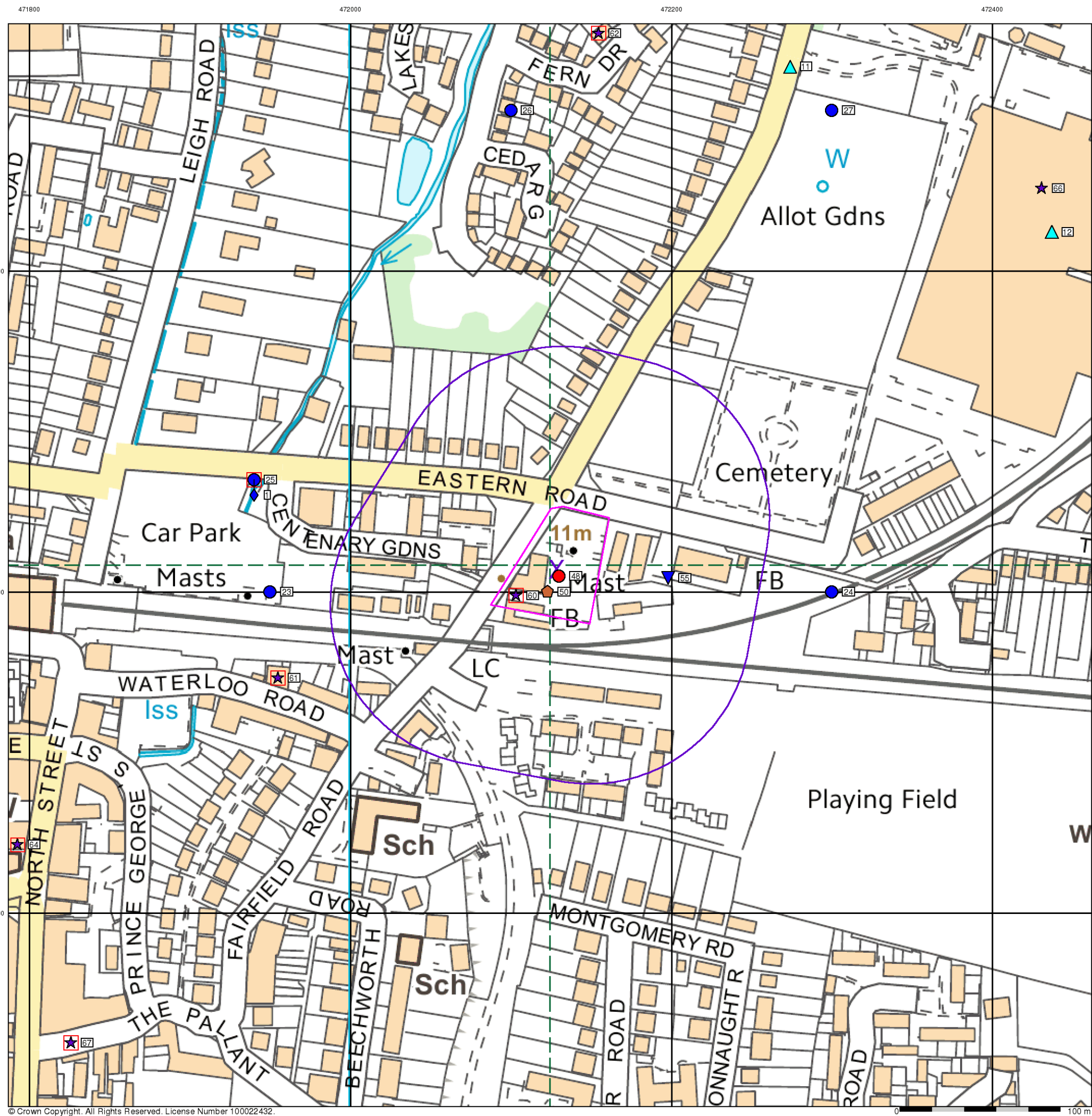
### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH

**Landmark**  
Information Group

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





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General

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

Agency and Hydrological

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

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Geological

- BGS Recorded Mineral Site

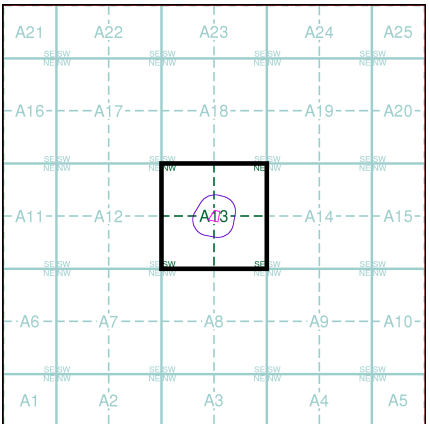
Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site

Site Sensitivity Map - Segment A13



Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34

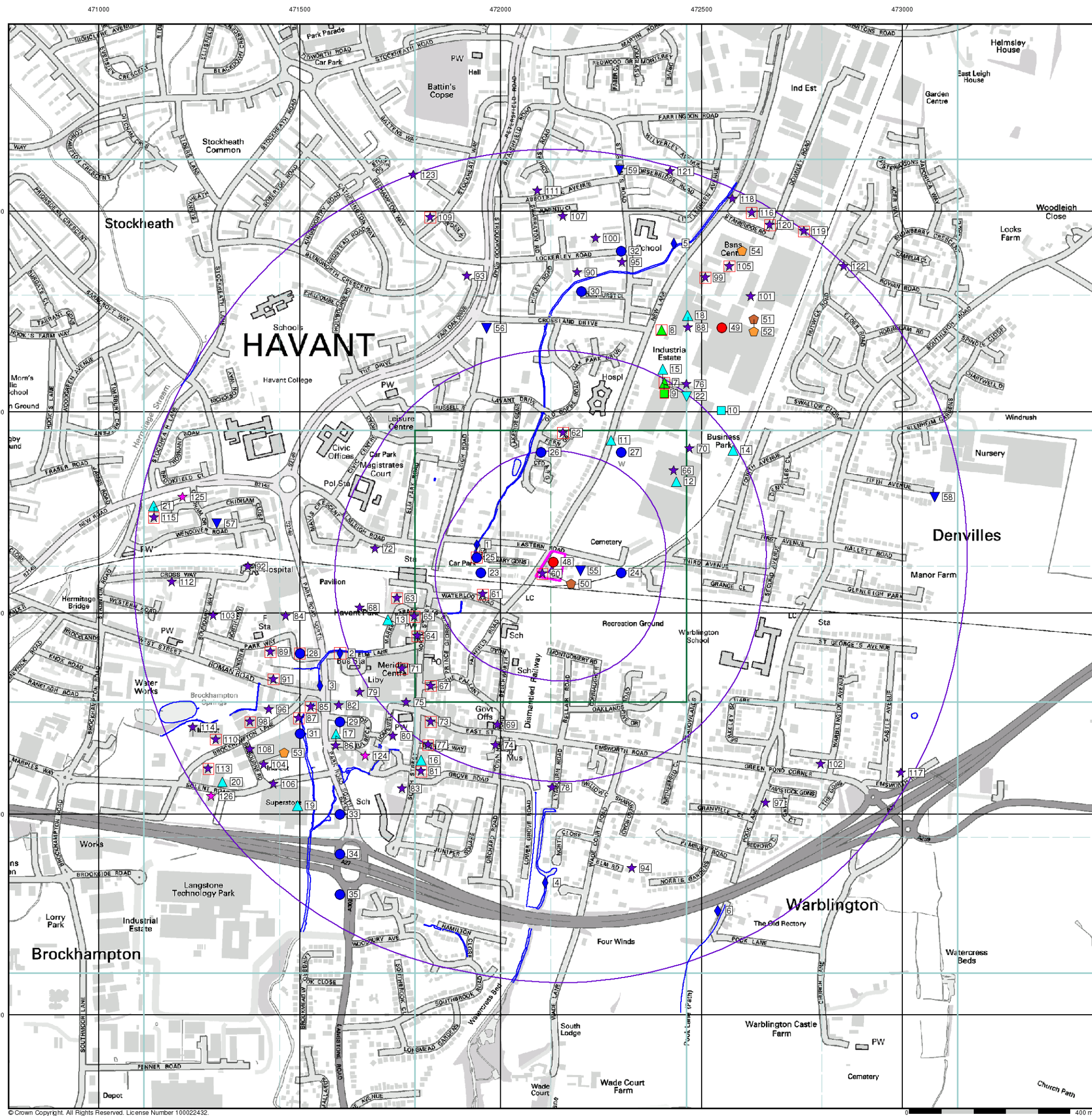
Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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





### General

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

### Agency and Hydrological

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

### Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- Discharge Consent
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered
- Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Prosecution Relating to Authorised Processes
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

### Hazardous Substances

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

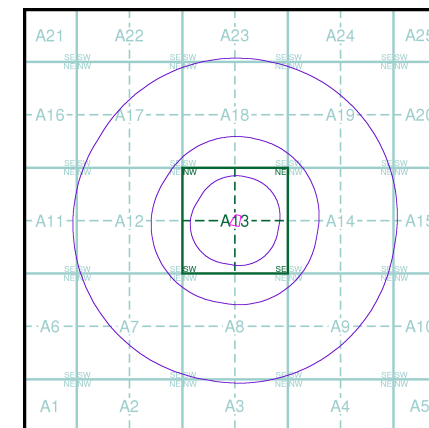
### Geological

- BGS Recorded Mineral Site

### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

### Site Sensitivity Map - Slice A



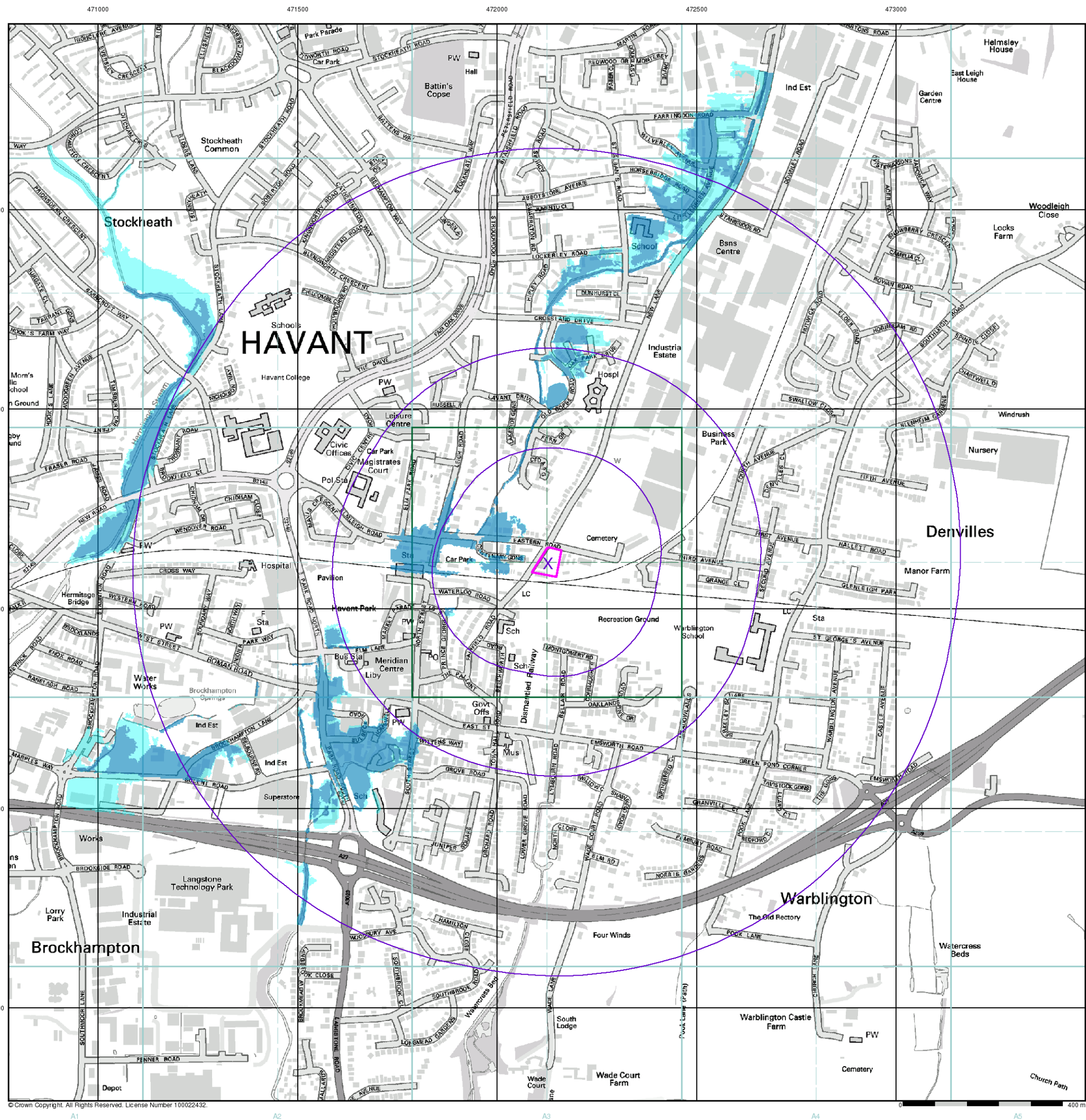
### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH





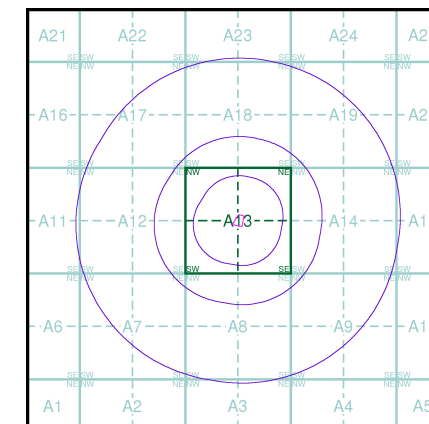
**General**

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

**Agency and Hydrological (Flood)**

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

**Flood Map - Slice A**



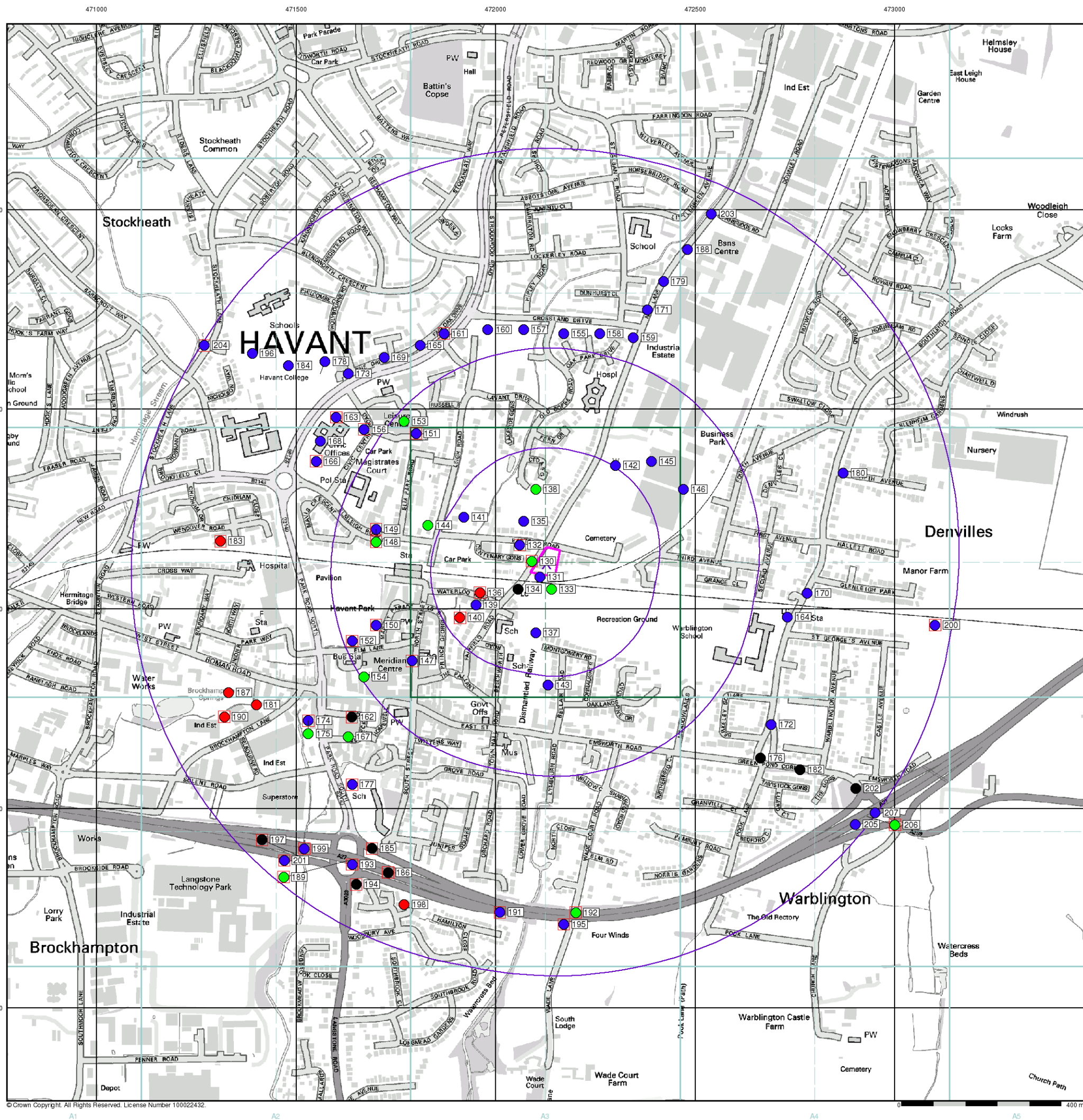
**Order Details**

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

**Site Details**

Former Town Gas Works, 8, New Lane, Havant, Hampshire,  
PO9 2JH





**General**

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

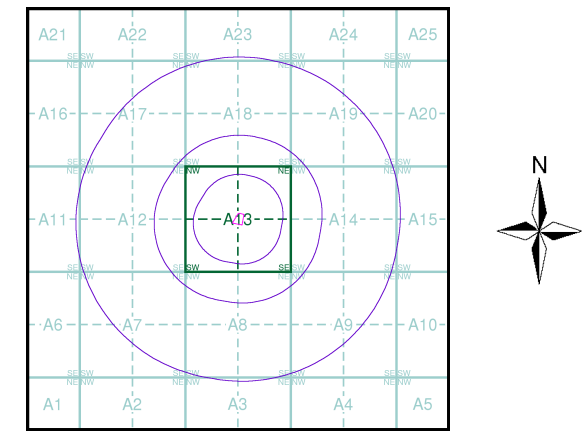
**Agency and Hydrological (Boreholes)**

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

**Borehole Map - Slice A**



**Order Details**

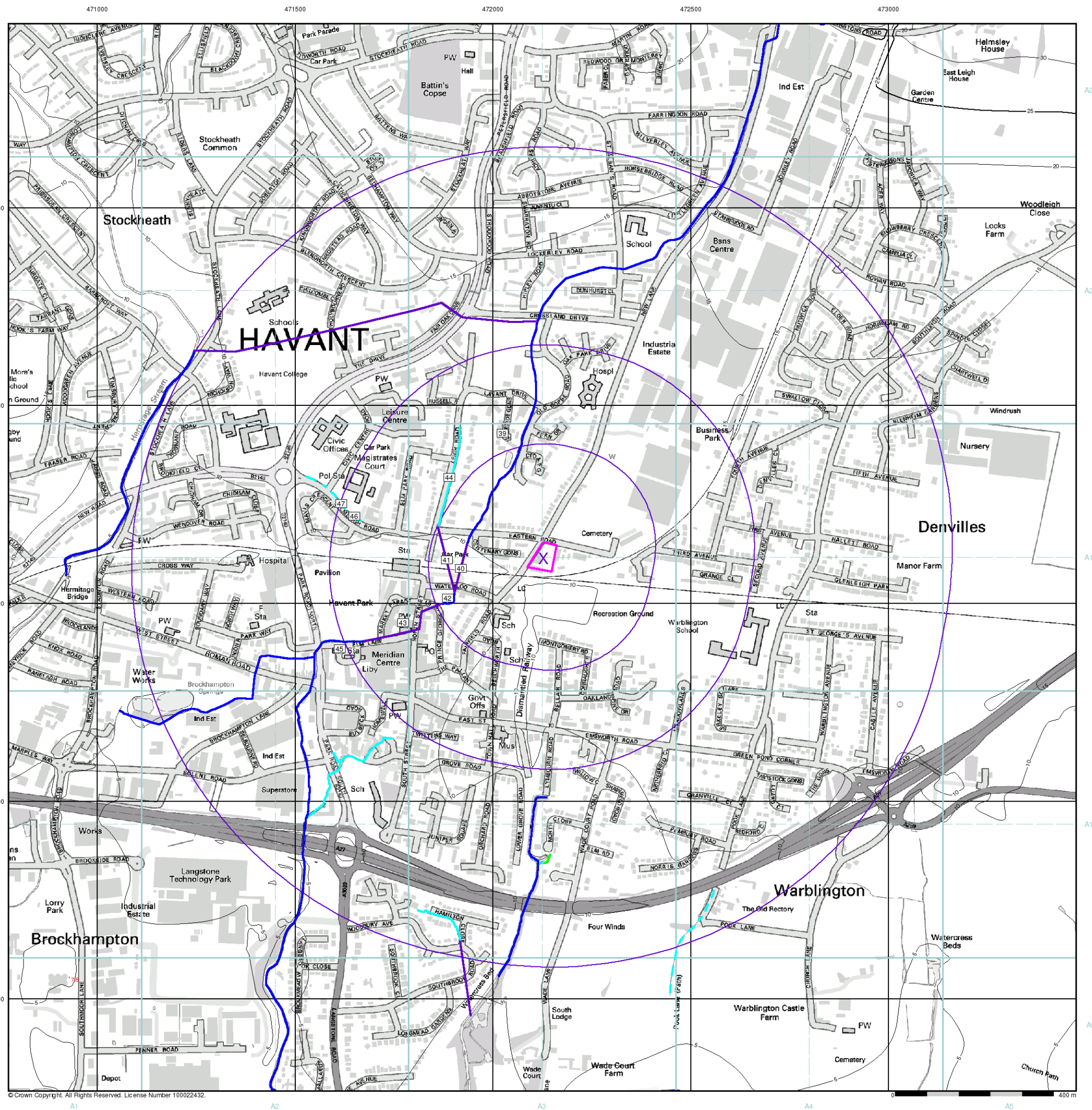
Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

**Site Details**

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





### General

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

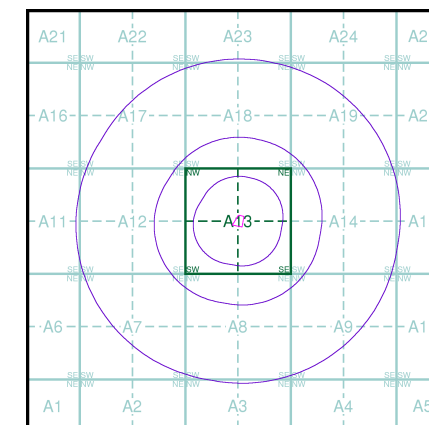
### Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

### Contours (height in metres)

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

### EAN/RW Detailed River Network Map - Slice A



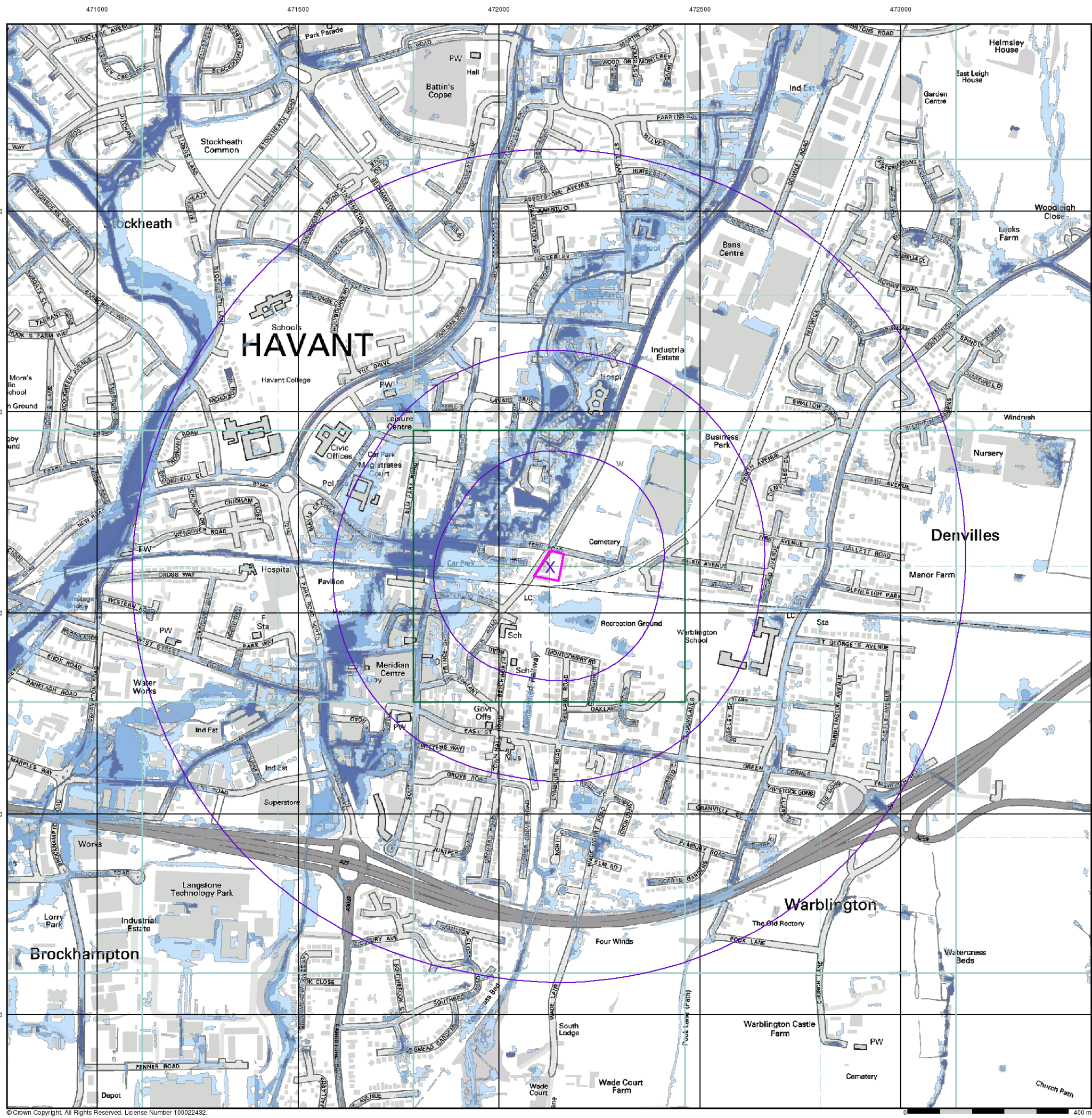
### Order Details

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

### Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire,  
PO9 2JH





**General**

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

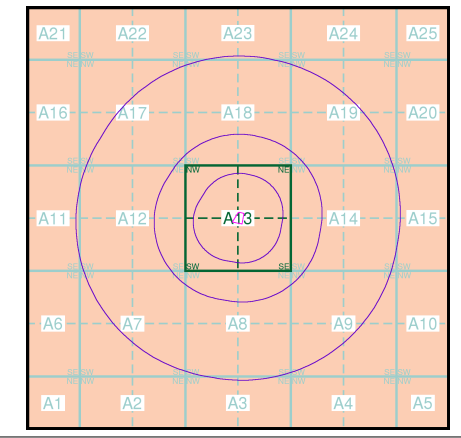
**Risk of Flooding from Surface Water**

- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

**Suitability**

- See the suitability map below
- National to county
  - County to town
  - Town to street
  - Street to parcels of land
  - Property

**EANRW Suitability Map - Slice A**



**Order Details**

Order Number: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

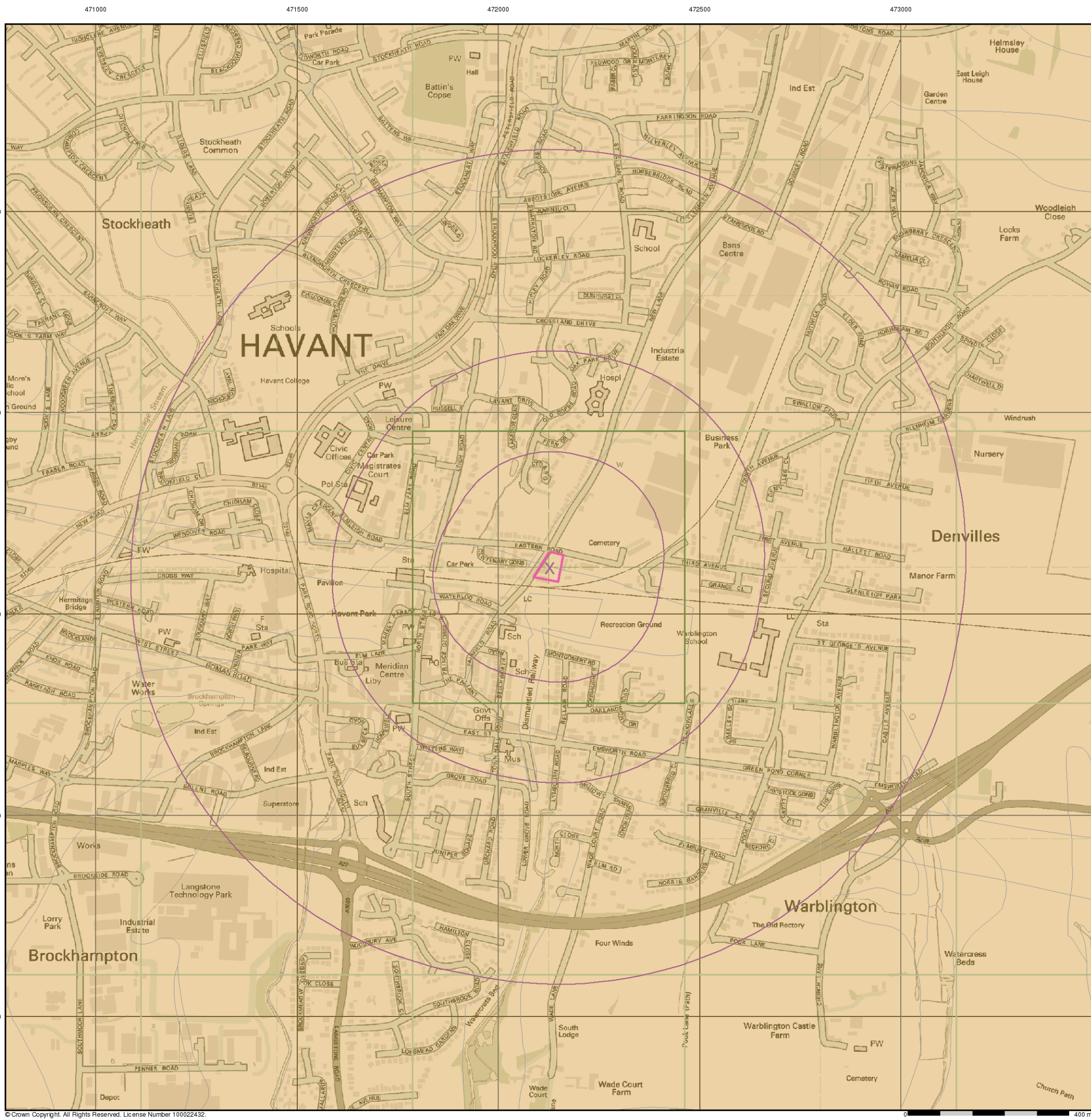
**Site Details**

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Web: www.envirocheck.co.uk



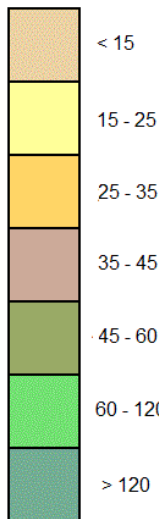


General

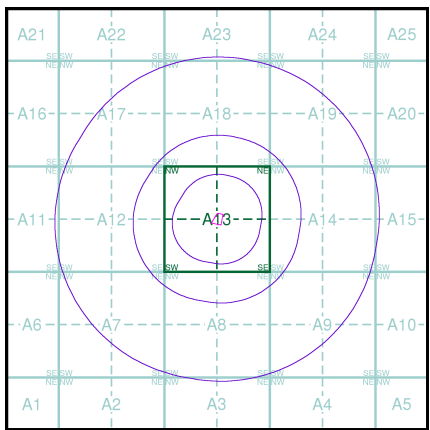
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

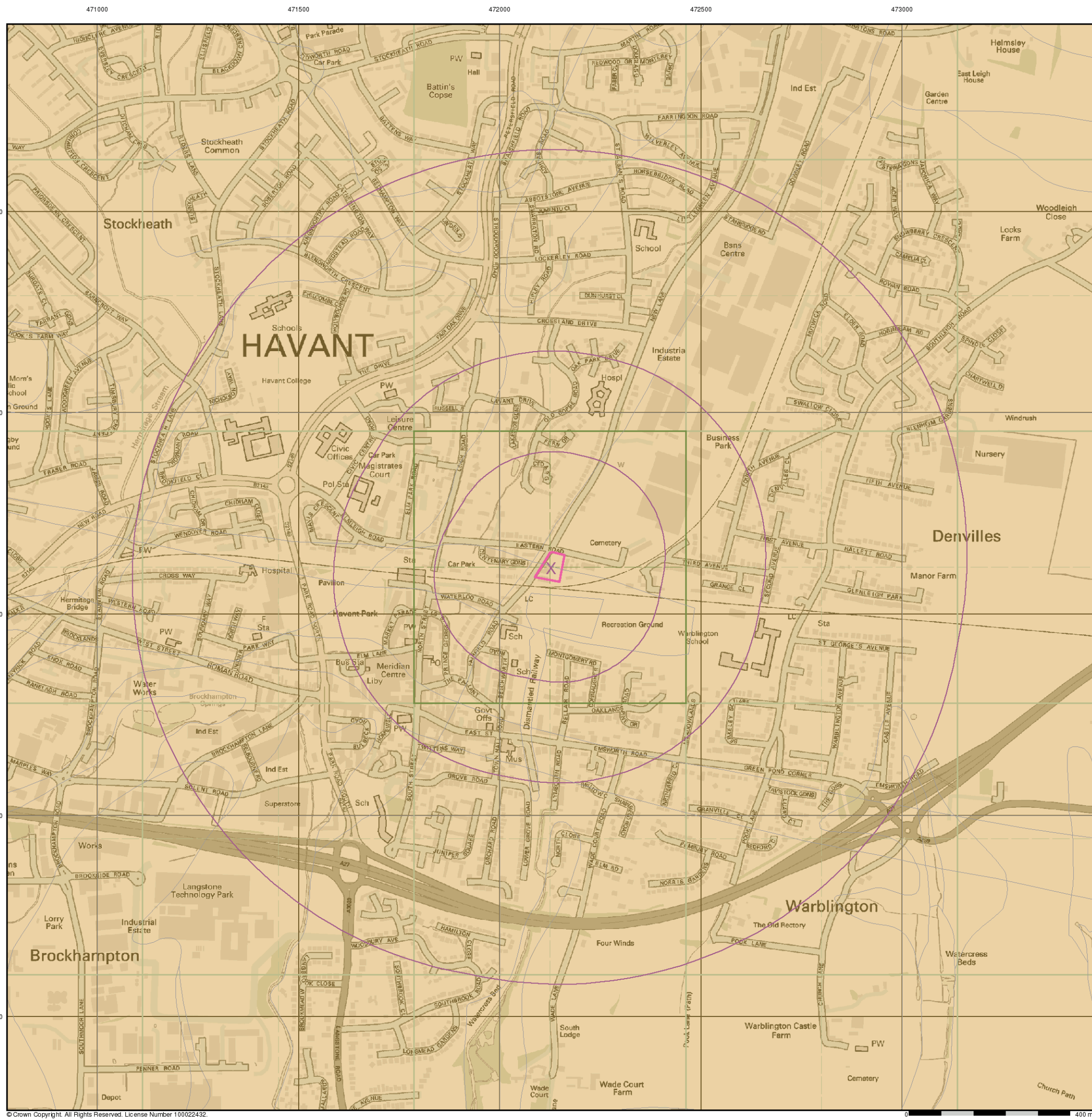
Site Details

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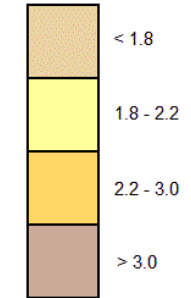


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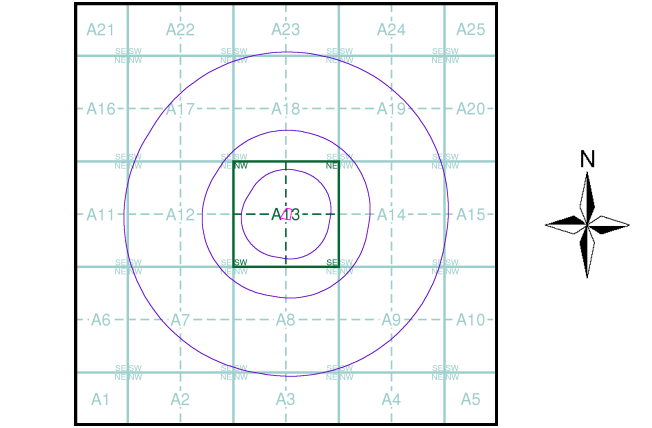
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

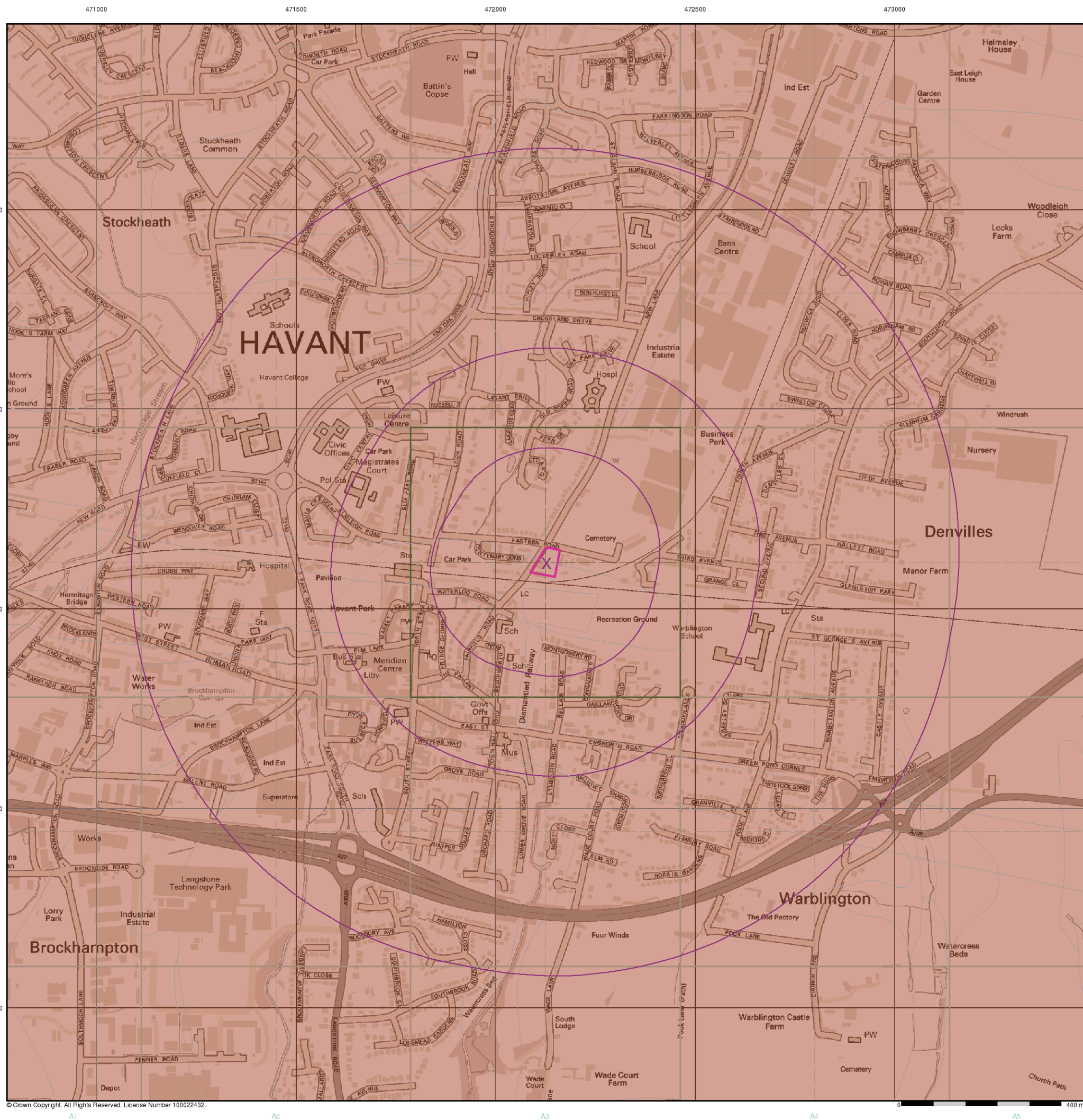
Site Details

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



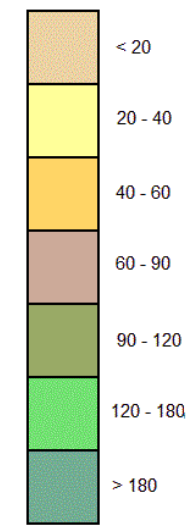


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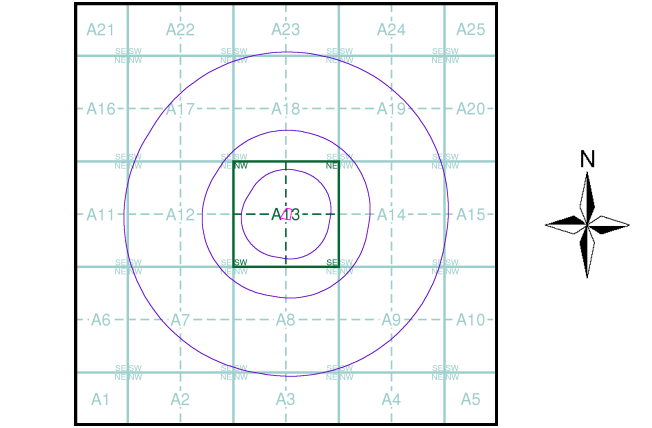
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

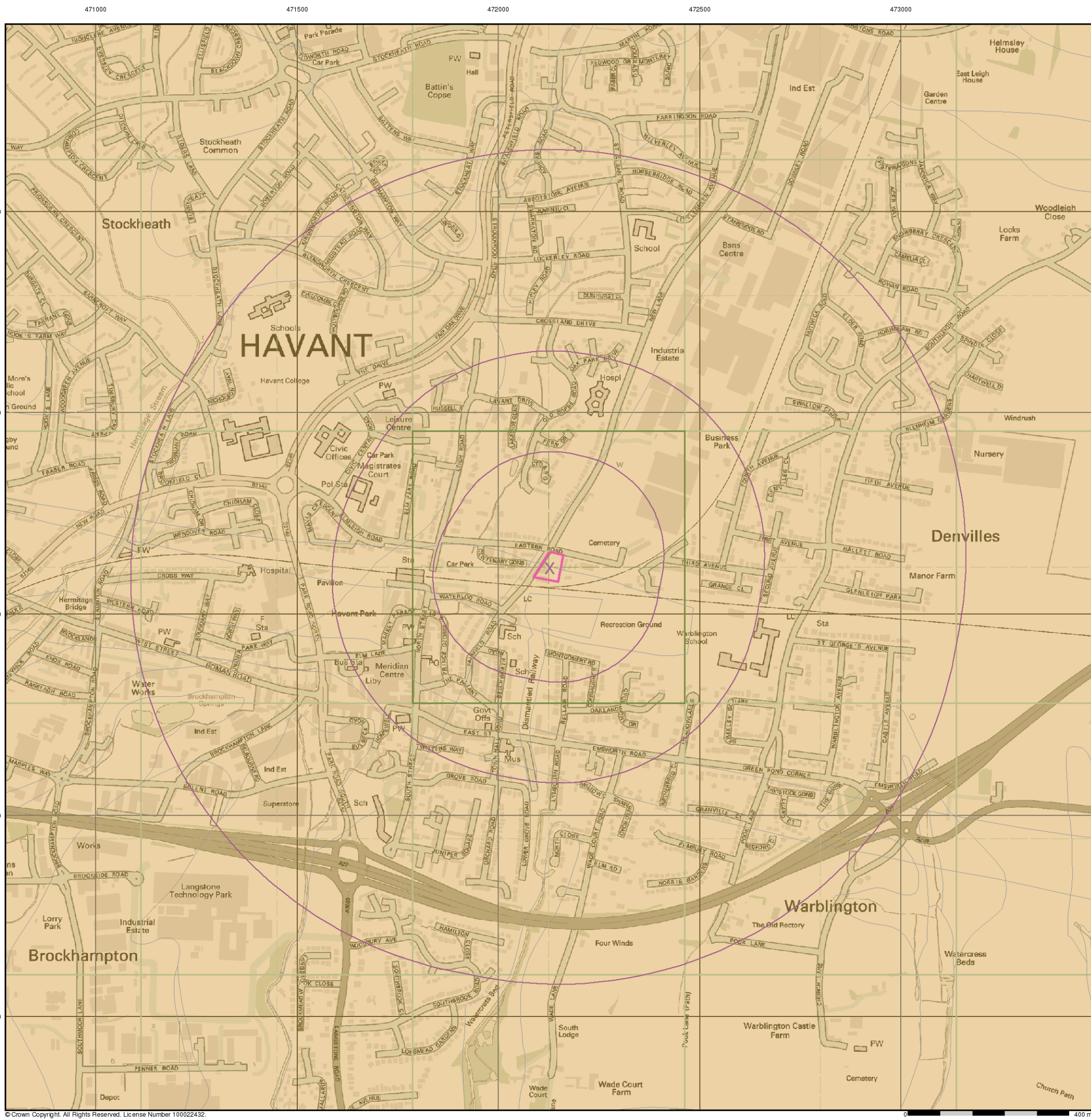
Site Details

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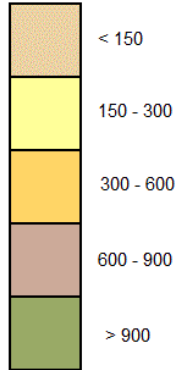


General

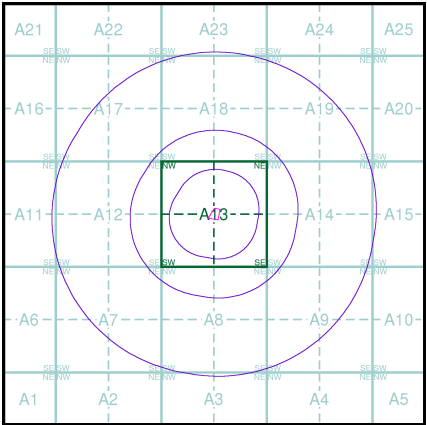
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

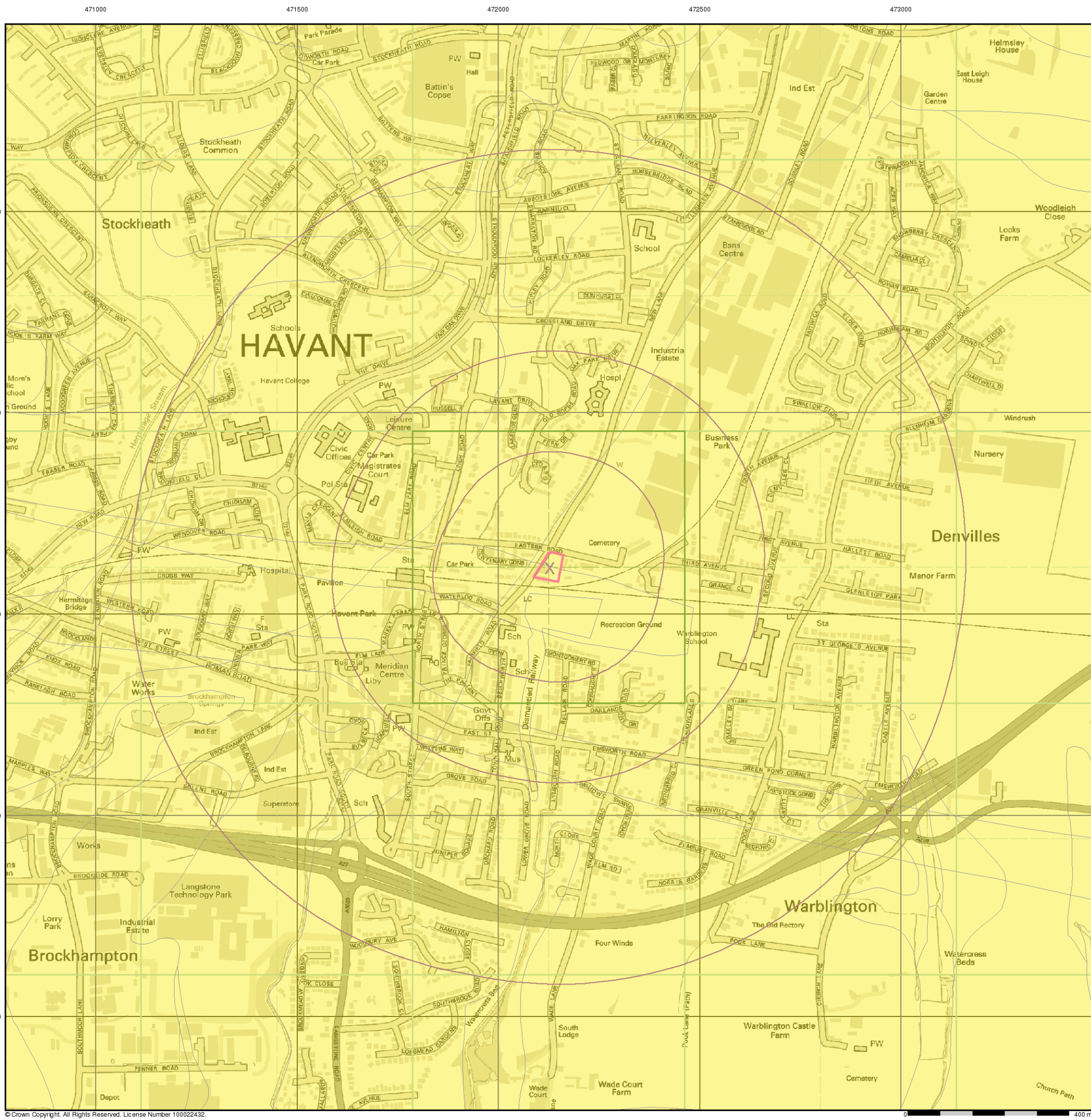
Site Details

Former Town Gas Works, 8, New Lane, Havant, Hampshire, PO9 2JH



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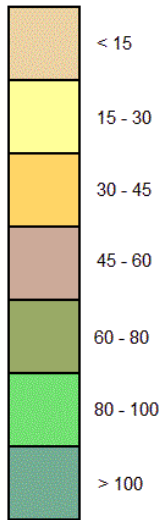


General

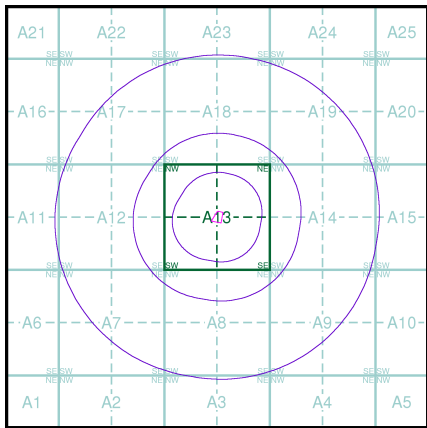
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 72903096\_1\_1  
Customer Ref: 15214  
National Grid Reference: 472130, 106610  
Slice: A  
Site Area (Ha): 0.34  
Search Buffer (m): 1000

Site Details

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## Appendix D Site Photographs

**Photo 1:**

The site and surroundings (1 & 2) the site, view from the NW boundary beyond the road; (3) the site view from the train line (4) the entrance of the site (5) North west corner of the site and (6) north boundary of the site and cemetery beyond Eastern road to the west.



**Photo 2:** Derelict building and yard to the north East boundary of the site

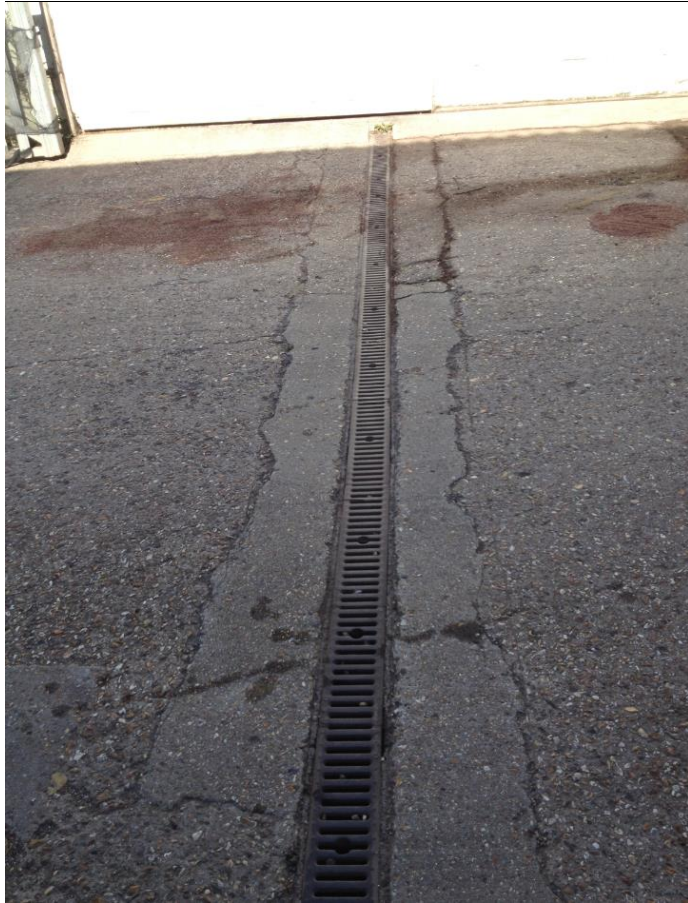


**Photo 3:** Metal fenced TS Hire & Sales

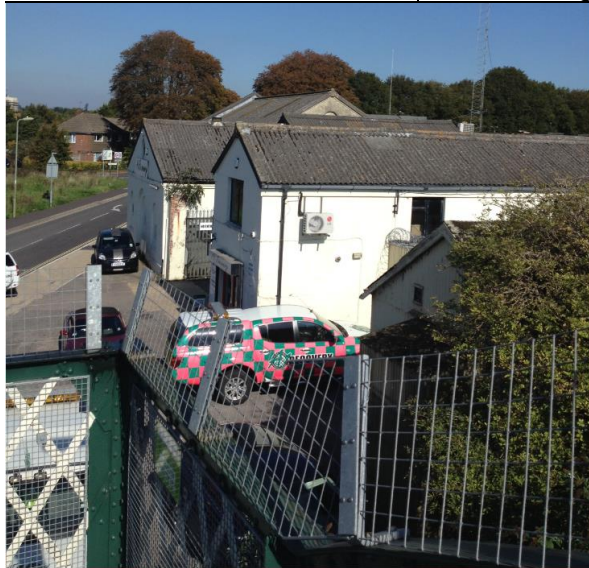


**Photo 4:** Workshop view from the main road





**Photo 5:** Drains running transversally to the west of the garage



**Photo 6:** The site view from above the train station





**Photo 7:**

The site yard with trucks parked

## Appendix E Risk Assessment Criteria

The classification presented in Tables A1-A4 below are modified from, 'contaminated land risk assessment: A guide to good practice, 2001, CIRIA C552'.

**Table A.1. Classification Of Consequence**

| Classification | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Severe         | Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environmental Protection Act 1990, Part IIA. Short term risk of pollution (note: Water Recourses Act contains no scope for considering significance of pollution) of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000.) |
| Medium         | Chronic damage to Human Health ("significant harm" as defined in DETR, 2000). Pollution of sensitive water recourse (note: Water Recourses Act contains no scope for considering significance of pollution). A significant change in a particular ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000.)                                                                                                                            |
| Mild           | Pollution of non-sensitive water recourses. Significant damage to crops, buildings, structures and services ("significant harm" as defined in the Draft Circular on Contaminated Land, DETR, 2000.)                                                                                                                                                                                                                                                                                              |
|                | Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc.)                                                                                                                                                                                                                                                             |

**Table A.2. Classification Of Probability**

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

**Table A.3. Comparison Of Consequence Against Probability**

| Probability     | Consequence    |                   |                   |                   |
|-----------------|----------------|-------------------|-------------------|-------------------|
|                 | Severe         | Medium            | Mild              |                   |
| High likelihood | Very high risk | High risk         | Moderate risk     | Moderate/low risk |
| Likely          | High risk      | Moderate risk     | Moderate/low risk | Low risk          |
| Low likelihood  | Moderate risk  | Moderate/low risk | Low risk          | Very low risk     |
| Unlikely        | Moderate risk  | Low risk          | Very low risk     | Very low risk     |

**Table A.4. Risk Classifications**

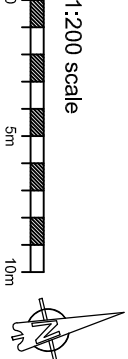
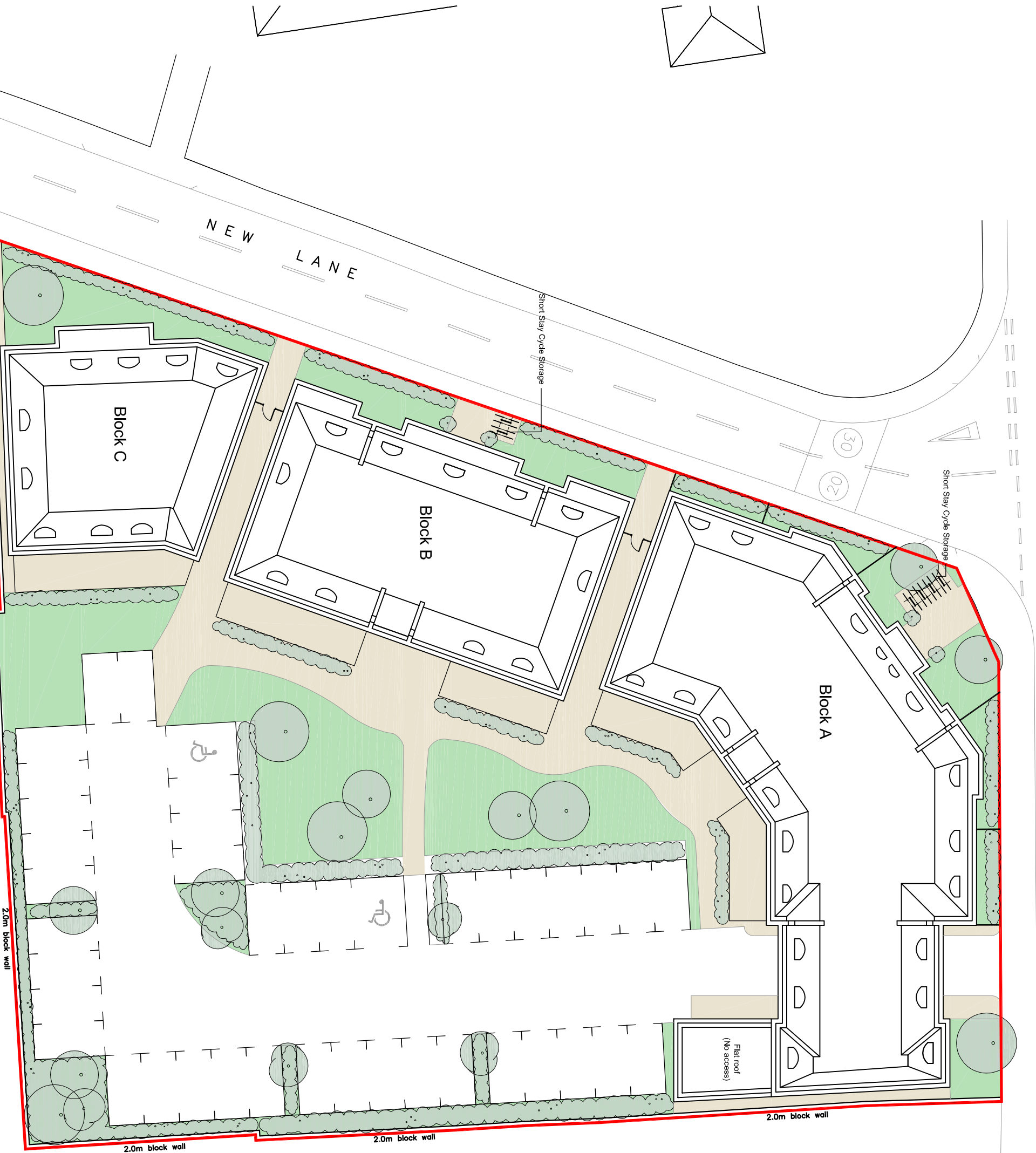
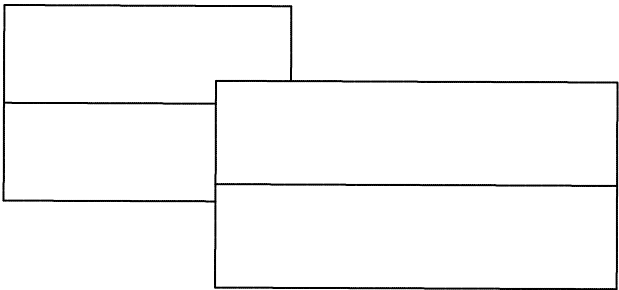
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Very High | There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without remediation action OR there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to be site owner/or occupier. Investigation is required as a matter of urgency and remediation works likely to follow in the short-term.          |
| High      | Harm is likely to arise to a designated receptor from an identified hazard at the site without remediation action. Realisation of the risk is likely to present a substantial liability to the site owner/or occupier. Investigation is required as a matter of urgency to clarify the risk. Remediation works may be necessary in the short-term and are likely over the longer term.                                                                          |
| Medium    | It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely, that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to site owner/occupier. Some remediation works may be required in the longer term. |
| Low       | It is possible that harm could arise to a designated receptor from identified hazard, but it is likely at worst, that this harm if realised would normally be mild. It is unlikely that the site owner/or occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remediation works are likely to be relatively limited.                   |
| Very low  | It is a low possibility that harm could arise to a designated receptor, but it is likely at worst, that this harm if realised would normally be mild or .                                                                                                                                                                                                                                                                                                       |
| None      | No potential risk if no pollution linkage has been established.                                                                                                                                                                                                                                                                                                                                                                                                 |



## **Appendix F Larger Drawing from the Client and Conceptual Model**

NOTES

- GENERAL NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE OTHER RELEVANT CONSULTANTS DRAWINGS.
  2. ALL FINISHES ARE TO CONFORM TO THE CURRENT BUILDING REGULATIONS.
  3. ALL WORKS OR MATERIALS INDICATED ON THIS DRAWING ARE TO BE TO THE LATEST RELEVANT BRITISH STANDARDS AND CARRIED OUT IN ACCORDANCE WITH THE BRITISH STANDARDS CODES OF PRACTICE OR RECOGNIZED INSTITUTE OR TRADE ASSOCIATION RECOMMENDATIONS AND PUBLICATIONS.



| Revision | Date | Description | Drawn | Checked |
|----------|------|-------------|-------|---------|
|----------|------|-------------|-------|---------|

**PLC** ARCHITECTS

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Purmouth PO1 2QF  
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E-Mail: [admin@plcarchitects.com](mailto:admin@plcarchitects.com)  
Web: [www.plcarchitects.com](http://www.plcarchitects.com)

Client:

Project:  
**Residential Development**  
**New Lane**  
**Havant**

Drawing Title:  
**Proposed Site Plan**

| Drawn By                                                                                                                                    | Date        | Checked By | Date | Approved By | Date       |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------|-------------|------------|
| MT                                                                                                                                          | Aug'15      |            |      |             |            |
| Drawing No.                                                                                                                                 | 15.2094.109 | Revision:  | P3   | Scale:      | 1:100 @ A2 |
| PLC ARCHITECTS © COPYRIGHT RESERVED 2013<br>NOT TO BE SCALED. DIMENSIONS TO BE CHECKED ON SITE<br>SCALING ONLY FOR LOCAL AUTHORITY PURPOSES |             |            |      |             |            |

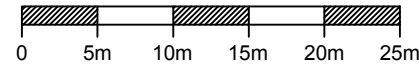
GENERAL NOTES:  
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE OTHER RELEVANT CONSULTANTS DRAWINGS.  
2. ALL FINISHES ARE TO CONFORM TO THE CURRENT BUILDING REGULATIONS.  
3. REFER TO A SEPARATE DOCUMENT FOR THE DESIGNERS RISK ASSESSMENT.  
4. ALL WORKS OR MATERIALS INDICATED ON THIS DRAWING ARE TO BE TO THE LATEST RELEVANT BRITISH STANDARDS AND CARRIED OUT IN ACCORDANCE WITH THE BRITISH STANDARDS CODES OF PRACTICE OR RECOGNIZED INSTITUTE OR TRADE ASSOCIATION RECOMMENDATIONS AND PUBLICATIONS.



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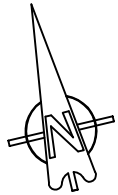
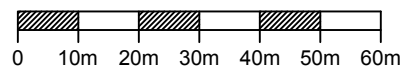
Block Plan

1:500 scale



Location Plan

1:1250 scale



|          |           |                  |     |      |
|----------|-----------|------------------|-----|------|
| P4       | Sept 2015 | Redline amended. | TH  |      |
| Revision | Date      | Description      | Dwn | Chkd |



Lansdowne House  
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E-Mail: admin@plcarchitects.com  
Web: www.plcarchitects.com

Client:

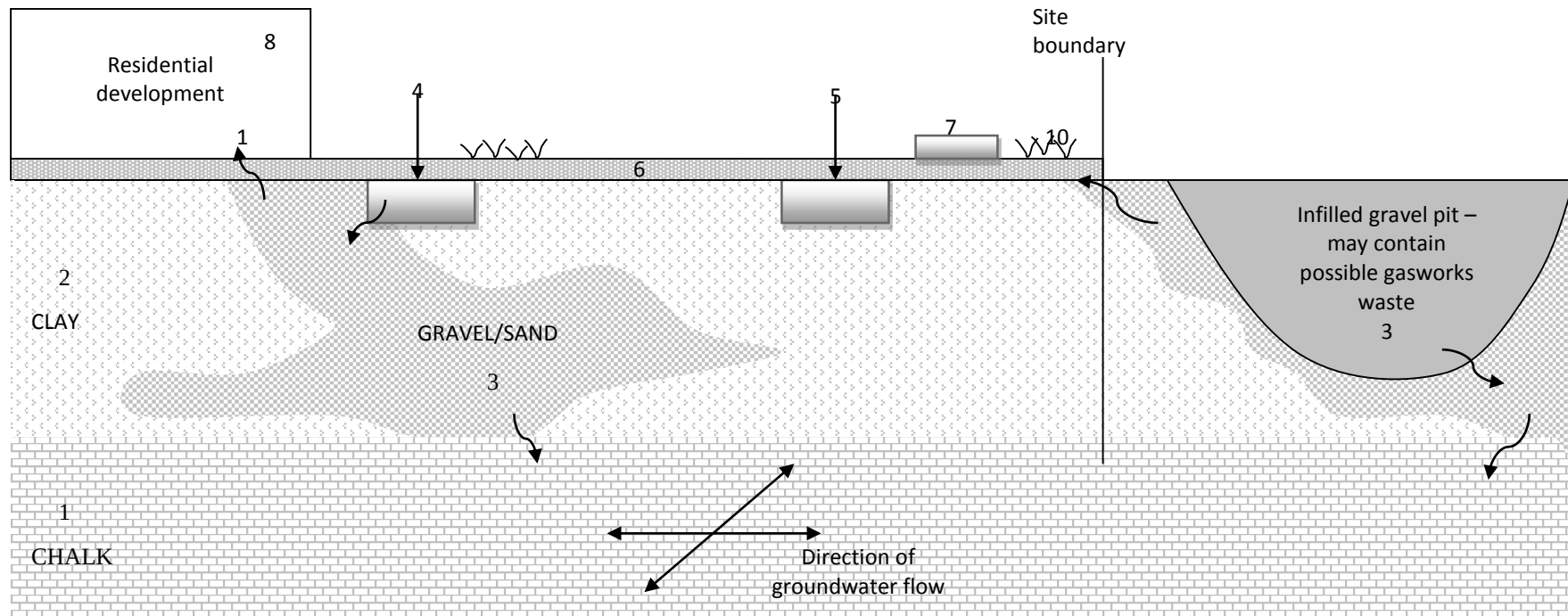
Project:  
Residential Development  
New Lane  
Havant

Drawing Title:  
Block Plan and Location Plan

|             |             |            |      |             |                |
|-------------|-------------|------------|------|-------------|----------------|
| Drawn By    | Date        | Checked By | Date | Approved By | Date           |
| MT          | Aug'15      |            |      |             |                |
| Drawing No. | 15.2094.110 | Revision:  | P4   | Scale:      | As Stated @ A2 |

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SCALING ONLY FOR LOCAL AUTHORITY PURPOSES





#### Anticipated geology/hydrogeology

1. Chalk, confined groundwater under artesian pressure, major aquifer
2. Clay aquiclude, may contain perched groundwater
3. Sand/gravel deposits, represents potential migration route for mobile contaminants, potential hydraulic continuity with Chalk

#### Potential sources:

4. Below ground tar/ammoniacal liquor pit/fuel tank, infilled gas holder bases, in continuity with gravel/sand, potential migration.
5. Below ground tar/ammoniacal liquor pit/fuel tank, infilled gas holder bases, confined by clay, reduced or no migration potential
6. Made Ground, layer of waste material likely to be distributed across site
7. Above ground fuel tanks, migration potential dependant on underlying strata (as in 4 and 5)

#### Receptors:

8. Buildings
9. Services
10. Flora
11. Human health
12. Controlled waters

#### Pathways:

13. Human health – direct contact – dermal/ingestion of soils/dust
14. Human health – ingestion of vegetables grown in contaminated soils
15. Human health – indoor/outdoor inhalation of vapours
16. Services – direct contact – may impact human health if water supply
17. Buildings – ingress and accumulation of vapours
18. Buildings – foundations located in contaminated soils
19. Flora – contamination in root zone
20. Controlled waters – migration of mobile contaminants through natural or artificial pathways (boreholes, foundations etc)

## Wessex Plant, Havant

## **Appendix F Larger Drawing from the Client and Conceptual Model**