Geoenvironmental and Geotechnical Site Assessment

Downley Road
Havant
PO9 2JD

July 2024

562241.0000.0000

Prepared For:
Royal London Property Group

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Quality Control

Client Name:	Royal London Property Group
Project Name:	Downley Road, Havant
Project No.:	562241.0000.0000
Document Title:	Geoenvironmental and Geotechnical Site Assessment
Date:	8th July 2024

Version:	Date:	Prepared By:	Reviewed By:	Approved By:
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2.0	April 2024	Lauren Sadowski	Stephanie Nichols	Stephanie Nichols
3.0	April 2024	Lauren Sadowski	Stephanie Nichols	Stephanie Nichols
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Executive Summary

TRC Companies Limited (TRC) was commissioned by the Royal London Property Group (the 'Client') to undertake a Tier 1 (previously known as Phase 1) Geoenvironmental and Geotechnical Site Assessment at Downley Road, Havant, PO9 2JD (hereafter referred to as the 'Site').

This Executive Summary is part of the complete report; and findings, opinions or conclusions in this Executive Summary are made in context with the complete report. TRC recommends that the user reads the entire report for all supporting information related to findings opinions and conclusions.

Executive Summary	
Site Details	
Client	Royal London Property Group
Site Address & Grid Reference	Downley Road, Havant, PO9 2JD Easting 472809, Northing 107616
Site Area	1.7 ha
Proposed Development	The proposed development will comprise the demolition of existing structures and construction of one warehouse type building, subdivided into three units with associated car parking, loading yards, and limited soft landscaping.
Site Setting	
Current Site Use	The 1.7 hectare Site is rectangular in shape and is located to the east of Downley Road. At the time of the walkover, the Site was inactive; however, it is understood that the Site recently operated as a refrigerator manufacturer and distributor. The building onsite comprised a large single storey steel framed warehouse with two storey offices in the western portion of the building. The Site was predominantly covered in hardstanding, with areas of soft landscaping in the western portion of the Site.
Site History	Earliest available mapping (1867) shows that the Site comprised undeveloped agricultural land. By 1963, the Site had been developed into a factory, as part of a broader industrialisation of the area. By 1993, the Site had been developed to reflect its current land use.
Expected Geology	Made Ground is expected to be present at the Site, associated with past developments. Superficial deposits – Head Deposits, River Terrace Deposits Bedrock geology – London Clay Formation
Expected Hydrogeology	Superficial deposits – Secondary (A) Aquifer Bedrock geology - Unproductive Strata The Site lies within an Environmental Agency (EA) designated groundwater Source Protection Zone 1c, associated with superficial deposits. The Site in underlain by a Secondary (A) Aquifer which is unconfined, groundwater is therefore considered to be sensitive to contamination.
Expected Hydrology	The nearest surface water feature is an unnamed river located approximately 132m west of the Site, which may be in hydraulic connectivity with groundwater via superficial deposits. Surface water is therefore considered to be sensitive to contamination.
Environmental Assessment	

Executive Summary	
Initial Conceptual Site Model	On Site: The Made Ground, tank yards, and substation at the Site could be a source of asbestos fibres in soil, heavy metals, polycyclic aromatic hydrocarbons (PAH), total petroleum hydrocarbons, PCBs, BTEX, MTBE and ground gases. Off Site: The gas holder and historic industrial works are a potential source of asbestos fibres in soil, heavy metals, polycyclic aromatic hydrocarbons (PAH), total petroleum hydrocarbons, phenols, cyanides and ground gases. Potentially complete contaminant linkages have been identified and are considered to pose a low risk to the identified receptors.
Ground Gas/Organic Vapour/Radon	The Made Ground is considered to be a potential source of ground gas and organic vapour. 5-10% of homes are above the Action Level for radon. On this basis, the BGS states that basic radon protection measures are necessary in the construction of new dwellings or extensions.
Geotechnical Assessment	
Geotechnical Hazards	The following potential geotechnical hazards have been identified: • Made Ground; • Buried obstructions, such as old foundations and basements; • Ground conditions aggressive to buried concrete; • Running sands; • Volume change potential soils; • Shallow groundwater; and, • Adjacent third party assets.
Other Property Related Issues	
Mining	The Site is not in an area affected by coal mining. The Site is not in an area affected by other mining activity.
Flood Risk	The Site is located within Flood Zone 1, which has a low probability of flooding. The flood risk from rivers and sea is low.
Unexploded Ordnance Risk Assessment	Based on online UXO mapping available on the Zetica website, the Site lies in an area of moderate risk of potential UXO. Therefore, a Detailed UXO Risk Assessment was carried out for the Site. This assessment stated that the risk of Allied and German UXO is considered low.
Recommendations	
A ground investigation should be designed, implemented, and reported by a competent person, in accordance with LCRM (2020), BS10175:2011 (+A2:2017), BS5930:2015 (+A1:2020), and Eurocode 7 Part 2 (and the associated national annex), and in accordance with current relevant technical guidance. The ground investigation should confirm the geology, groundwater regime and engineering properties of the underlying ground. Further, it should target the identified potential contaminant linkages and ensure that the geotechnical hazards identified in this report are addressed with focus on the proposed development. Following the ground investigation, an intrusive Geoenvironmental and Geotechnical Site Assessment Report should be prepared in order to update the conceptual site model and to determine the environmental characterisation of the Site. The Tier 2 report will include a geotechnical evaluation and provide geotechnical design recommendations for the proposed development. Due to the presence of Made Ground at the Site and warning signage identified in the Site building during the walkover, the presence of asbestos and ACM in likely. On this basis, an asbestos survey is recommended for the Site prior to demolition.	

Executive Summary
BGS records indicate that the Site is in an intermediate probability radon area where less 5-10% of homes are estimated to be at or above the Action Level. On this basis, the BGS states that “basic radon protective measures are necessary in the construction of new dwellings or extensions”. Further assessment may be required to determine whether mitigation measures are required.

1.0 Introduction

1.1 Appointment and Purpose

TRC Companies Limited (TRC) was commissioned by Royal London Property Group (the 'Client') to undertake a Tier 1 (formerly known as Phase 1) Geoenvironmental and Geotechnical Site Assessment for Downley Road, Havant, PO9 2JD (hereafter referred to as the 'Site').

A Site Location Plan is presented as Figure 1 in Annex A.

This Tier 1 report has been commissioned to assess environmental and geotechnical considerations, predominantly with respect to ground conditions at the Site, which will be used to aid scoping of the assessment and provide early insight into key considerations for future development.

1.2 Proposed Development

The proposed development will comprise the demolition of existing structures and construction of one warehouse type building, subdivided into three units with associated car parking, loading yards, and limited soft landscaping.

Based on the above, the proposed development is considered to fall into geotechnical category 2 with respect to BS EN 1997 (Eurocode 7).

The end user sensitivity is considered low for the proposed commercial end use; although, this may be adjusted depending upon any future changes to the use type of the proposed development.

1.3 Available Information and Standards

This Tier I report presents the findings of a study based on the following information:

- Historical uses of the Site and surroundings;
- Current use and condition of the Site;
- Environmental setting in terms of geology, hydrogeology, hydrology and surrounding land uses, based on publicly available environmental records;
- A Landmark Envirocheck Report (Annex B); and,
- A site visit.

This Tier 1 report has been conducted with due regard to the following guidance:

- The National Planning Policy Framework;
- BS5930:2015 (+A1:2020) Code of Practice for Ground Investigations;
- BS EN 1997 Eurocode 7;
- BS10175:2011 (+A2:2017) Investigation of Potentially Contaminated Sites – Code of Practice; and,
- Land Contamination Risk Management (LCRM) 2020.

1.4 Significant Assumptions

This report presents TRC's observations, findings, and conclusions as they existed on the date that this report was issued. This report is subject to modification if TRC becomes aware of additional information after the date of issue of this report that is material to its findings and conclusions.

The reliability of information provided by others to TRC cannot be guaranteed to be accurate or complete. Performance of this Tier 1 report is intended to reduce, but not eliminate, uncertainty of geo-environmental and geotechnical conditions associated with the subject site; therefore, the findings and conclusions made in this report should not be construed to warrant or guarantee the subject site, or express or imply, including

without limitation, warranties as to its marketability for a particular use. TRC found no reason to question the validity of information received unless explicitly noted elsewhere in this report.

1.5 User Reliance

This report was prepared for the Royal London Property Group. Reliance on the Report by any other third party is subject to requesting and fully executing a reliance letter between TRC and the third party that acknowledges the TRC Standard Terms and Conditions with the Client, to the same extent as if they were the Client thereunder.

TRC has been provided with information from third parties for information purposes only and without representation or warranty, express or implied as to its accuracy or completeness and without any liability on such third parties part to revise or update the information. Where reliance has been provided by third parties to potential purchasers this is noted in our report.

2.0 Site Location and Description

2.1 Site Location

The Site is located on the east side of Downley Road which forms part of the New Lane industrial area. The property is about 1 mile northeast of Havant town centre.

The Site location is presented as Figure 1 in Annex A.

2.2 Site Description

2.2.1 General

Lauren Sadowski (TRC) visited the Site on 29th September 2023 to perform a site walkover.

Photographs of the site reconnaissance are presented in Annex C.

2.2.2 Site Walkover

The 1.7 hectare Site is rectangular in shape and is located to the east of Downley Road. At the time of the walkover, the Site was inactive; however, it is understood that the Site recently operated as a refrigerator manufacturer and distributor. The building onsite comprised a large single storey steel framed warehouse with two storey offices in the western portion of the building. The Site was predominantly covered in hardstanding, with areas of soft landscaping in the western portion of the Site.

The Site has an average elevation of approximately 18m above Ordnance Datum (aOD). Topographically, the Site slightly slopes gently downwards east to west. A row of semi mature deciduous trees was present along the eastern boundary. The northern, western and southern boundaries were secured by steel palisade fencing and concrete bollards. The Site was accessed via lockable gates from Downley Road. A number of drains and covers were noted within the external hardstanding area indicating the Site is served by the local drainage network.

2.2.3 Above and Underground Ground Storage Tanks (AST/UST)

Several 47kg and 23kg propane and oxygen tanks and at least two 1,000-litre IBCs of conversion coatings were identified throughout the warehouse building.

One unused spill kit was observed near an IBC.

According to historical maps, there were two tank yards located in the north of the Site building and south of the Site building, respectively. No evidence of current tanks were observed. There were concrete pads at these locations that appeared in good condition with minimal cracks.

No evidence of USTs were observed.

2.2.4 Hazardous Substances and Waste Management

Fifty-five-gallon drums of lubricants were observed throughout the warehouse area. There were also fifty-five-gallon unlabelled drums in the warehouse building.

Several smaller-sized cannisters of lubricant were observed throughout the Site as well as several fire extinguishers.

Large skips were observed outside. TRC was not able to safely inspect the interior of these skips.

The Site contained what appeared to be scrap material from historical operations at the Site.

2.2.5 Energy Infrastructure

One electricity substation is located in the northern portion of the Site, north of the Site building. This substation is not recorded on historical mapping; however, Google Earth confirms that the substation was present from at least 1999.

2.2.6 Asbestos Containing Materials (ACMs)

An asbestos survey was not conducted as part of this scope of works. Given the age of the buildings it is possible that ACM may be present. Should the existing structures be demolished or refurbished, an asbestos survey will be required.

On the ground floor, a small room on the western side of the building contained a sign warning that asbestos was present.

2.2.7 Non-Natural Mounds, Depressions, Excavations and Fill

The Site was covered by concrete hard standing only and no mounds, depressions, excavations and fill were observed.

2.2.8 Invasive Plant Species

The potential presence of invasive plant species, such as Japanese Knotweed, has not been assessed and it is recommended that an appropriately qualified specialist carries out a survey.

2.3 Surrounding Area

The Site is located within an area of predominantly industrial / commercial / residential land use. Land uses in the immediate vicinity include the following principal features:

Table 2.1: Summary of Surrounding Land Use

Direction	Land Use
North	The Site is bound to the north by commercial properties including a builder, a pet store, a tile manufacturer, and a medical equipment manufacturer. Beyond the commercial properties, 250m north of the Site lies Barton Greens Park.
East	The Site is bound to the east by a railway, with residential properties beyond.
South	The Site is bound to the south by commercial properties. Commercial properties include an electrical products wholesaler, an auto parts store, and an IT support service.
West	The Site is bound to the west by Downley Road, with commercial properties and residential properties beyond. Commercial properties include a veterinarian and paving contractor.

2.4 Summary

TRC has noted the following potential sources of contamination during the walkover:

- Made Ground;
- Drainage;
- Tank Yards; and,
- Electricity Substation.

TRC has noted the following potential geotechnical hazards during the walkover:

- Made Ground;
- Buried Obstructions (relict foundations, floor slabs, and drainage); and,
- Adjacent third party assets with a rail line present immediately east of the Site.

3.0 Review of Site Data

3.1 Environmental Setting

The environmental setting of the site can influence the susceptibility to, and relative magnitude of, environmental and geotechnical impacts and liabilities associated with on and off-site sources of contamination and geotechnical hazards.

The following sections present a summary of environmental and geotechnical reviews conducted on publicly available records.

3.1.1 Geology

The following information has been reviewed:

- The British Geological Survey (BGS) geological map, scale 1:50,000, Sheet 316, Fareham, 1998;
- The BGS website;
- The BGS historic boreholes with reference no. SU70NW177, SU70NW390 and SU70NW391; and,
- The Landmark Envirocheck Report (Annex B).

Based on the above information, the Site is underlain by variable thicknesses of Made Ground, overlying potential Head Deposits, which in turn overlies the River Terrace Deposits, and is underlain by the London Clay Formation.

The anticipated site geology is summarised in Table 3.1.

Table 3.1: Summary of Anticipated Geology

Strata	Depth to Base (m bgl)	Depth to Base (m aOD)*	Thickness (m)	Typical Description
Made Ground	0.9	17.1	0.9	Heterogeneous mix of sandy, gravelly clay with brick fragments and concrete obstructions.
Head Deposits	1.4	16.6	1.1	Firm brown gravelly clay.
River Terrace Deposits	6.7	11.3	5.8	Medium dense sand and gravel.
London Clay	>10.0 (unknown)	<8.0 (unknown)	unknown	Stiff silty clay, a weathered zone is anticipated within the stratum to 9.5m below ground level (bgl) at the Site.

** Assuming a ground level of 18.0 m above Ordnance Datum (aOD) across the site*

3.1.2 Coal Mining

The Landmark Envirocheck Report indicates that the Site is not within an area that may be affected by coal mining.

Further, according to the Coal Authority website the Site is not located within the Coal Mining Reporting Area and outside the 'Development High Risk Area'. Therefore, a Coal Mining Risk Assessment is not required.

3.1.3 Radon

BGS records indicate that the Site is in an intermediate probability radon area where 5-10% of homes are estimated to be at or above the Action Level. On this basis, the BGS states that basic radon protection measures are necessary in the construction of new dwellings or extensions.

3.1.4 Seismicity

The national foreword to BS EN 1998-1:2004+A1:2013 'Eurocode 8: Design of Structures for Earthquake Resistance – Part 1' states that there are no requirements in the UK to consider seismic loading, and the whole of the UK may be considered an area of very low seismicity in which the provisions of EN 1998 need not apply.

3.1.5 Hydrogeology

British Geological Survey (BGS) geological mapping and hydrogeological mapping presented by DEFRA (MAGIC website) indicate the following hydrogeological information for the Site:

Table 3.2: Summary of Hydrogeology

Geology	Geological Description	Aquifer Status	Aquifer Description
Superficial Deposits: Head Deposits	Clay and Gravel	Secondary (A) Aquifer	Permeable strata 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, lakes or wetlands.
Superficial Deposits: River Terrace Deposits	Sand and Gravel	Secondary (A) Aquifer	Permeable strata 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, lakes or wetlands.
Bedrock: London Clay Formation	Clay and Silt	Unproductive Strata	Geological strata with low permeability that have negligible significance for water supply or river base flow. They consist of deposits that naturally offer protection to any aquifers that may be present beneath.

The Site lies within a groundwater Source Protection Zone (SPZ) 1c (Inner Protection Zone) for the superficial deposits.

There are no active groundwater abstractions within 1km of the Site boundary.

The Landmark Envirocheck report indicates potential for groundwater flooding of property situated below ground level and potential for groundwater flooding to occur at ground surface.

Historical BGS boreholes in the surrounding area indicate the presence of groundwater within the River Terrace Deposits between 1.40m and 6m bgl.

3.1.6 Hydrology

The nearest surface water feature is an unnamed river located approximately 132m west of the Site.

There are no active surface water abstractions within 1km of the Site boundary.

The Site is located within Flood Zone 1. Land within Flood Zone 1 has a low probability of flooding from rivers and the sea.

3.1.7 Sensitive Land Uses

The Site lies within a nitrate vulnerable zone (NVZ).

There is an area of designated ancient woodland 491m northeast and a NVZ 161m east of the Site.

3.1.8 Summary of Site Sensitivity

The Site is considered to be of moderate to high environmental sensitivity, based on the following key factors:

- The published geology indicates that the Site is underlain by potential Head Deposits, overlying River Terrace Deposits, overlying the London Clay Formation;
- The bedrock geology has an aquifer designation of Unproductive Strata. This is overlain by superficial deposits with a Secondary (A) Aquifer designation;
- The superficial deposits are unconfined;
- The Site falls within a SPZ 1c for the superficial deposits;
- The Site lies within a NVZ; and,
- The nearest surface water feature lies 132m west of the Site.

3.2 Environmental Regulatory Database Review

The following environmental data has been obtained from a Landmark Envirocheck Report (Annex B), which includes a search of databases held by regulatory bodies including the EA, BGS, the Department for the Environment, Food and Rural Affairs (DEFRA), City, District and Borough Councils and County Councils.

The table below summarises key features identified on-site and within the 500m search radius.

Table 3.3: Summary of Environmental Regulatory Database Review

Database	On-Site	0-500m	Description
Agency and Hydrological			
Discharge Consents	0	5	Operator: Gec-Plessey Avionics Location: Martin Road, Havant Distance from Site: 127m NW Status: Revoked Operator: Thermofil Polymers UK Location: New Lane, Havant Distance from Site: 229 N Status: Revoked Operator: Vickers Systems Ltd Location: New Lane, Havant Distance from Site: 229m N Status: Revoked Operator: Gec-Plessey Avionics Location: Martin Road, Havant Distance from Site: 330m NW Status: Revoked Operator: Mr K Harvey (Maintenance Manager) Location: New Lane, Havant Distance from Site: 345m SW Status: Revoked

Database	On-Site	0-500m	Description
Local Authority Pollution Prevention and Controls	0	1	Name: Wyeth Laboratories Location: New Lane, Havant Distance from Site: 438m SW Process Type: Local Authority Air Pollution Control Status: Revoked
Pollution Incidents to Controlled Waters	0	1	Location: Lockerley Road, Havant Pollutant: Oils – Petrol Date: 10th July 1992 Severity: Cat 3 – Minor Incident
Waste			
Local Authority Landfill Coverage	1	n/a	Hampshire County Council has supplied landfill data.
Registered Waste Transfer Sites	0	1	License Holder: John Wyeth and Brother Ltd Location: New Lane, Havant Distance from Site: 364m SW Authorised waste: Special waste and other waste Prohibited waste: Degradable household/commercial/industrial waste Status: Assumed operational
Registered Waste Treatment or Disposal Sites	0	2	License Holder: Vinatex Ltd Location: New Lane, Havant Distance from Site: 225m SW Site Category: Incineration Authorised waste: Paper/cardboard/wood/timber License Holder: Wyeth Laboratories Location: New Lane, Havant Distance from Site: 364m SW Site Category: Storage
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)	0	1	Name: Transco PLC Location: Leigh Holder Station, New Lane, Havant Distance from Site: 85 W Type: Lower Tier Status: Active
Notification of Installations Handling Hazardous Substances (NIHHS)	0	1	Name: Transco PLC Location: Leigh Holder Station, New Lane, Havant Distance from Site: 87 W Status: Inactive

Database	On-Site	0-500m	Description
Planning Hazardous Substance Consents	0	3	Name: British Gas PLC Location: Downley Road, Havant Distance from Site: 34m SW Substance: LPG and natural gas Application date: 28th October 1992 Decision: Unknown Name: British Gas PLC Location: Downley Road, Havant Distance from Site: 83m W Substance: LPG and natural gas Application date: 18th January 2001 Decision: Consent granted Name: British Gas PLC Location: Downley Road, Havant Distance from Site: 84m W Substance: LPG and natural gas Application date: 6th June 2000 Decision: Consent granted
Industrial Land Use			
Contemporary Trade Directory Entries	1	75	Active records within 100m of the Site include a refrigeration equipment manufacturer an distribution service, precision engineering, sheet metal works, pet food supplier, and a ventilator supplier.
Sensitive Land Use			
Ancient Woodland	0	1	Name: unknown Type: Ancient and Semi-Natural Woodland Distance from Site: 491m NE
Nitrate Vulnerable Zones	1	1	Name: Chichester, Langstone and Portsmouth Harbours Eutrophic Nvz Distance from Site: On-site Name: Warblington Stream – No.2 Nvz Distance from Site: 161m E

The Landmark Envirocheck Report indicates no hazard for compressible ground and ground dissolution, very low hazard for collapsible ground and landslides, low hazard for running sands and shrinking and swelling of clay for the Site. Non coal mining activities were not identified within 500 m of the Site and pose no hazard.

3.3 History of the Site and the Surrounding Area

The history of development on the Site and immediate surrounding area was investigated with reference to historical Ordnance Survey (OS) mapping and aerial photographs. The findings are presented in subsequent sections below.

3.3.1 Historical Mapping

A summary of the development history of the Site and immediate surrounding area obtained from historic OS mapping and aerial photographs (Annex B) is detailed in the table below.

Table 3.4: Summary of Historical Mapping

Edition and Scale	On-Site Activities	Off-Site Activities (within ~ 250m)
Hampshire &Isle of Wight 1:2,500 1867	The Site appears to be undeveloped agricultural land.	The London and Southwestern Railway runs northeast-southwest along the eastern boundary of the Site. The land surrounding the Site is undeveloped agricultural land.
Hampshire &Isle of Wight 1:2,500 1897	No change.	No significant changes.
Hampshire &Isle of Wight 1:10,560 1898	No change.	A farm building labelled 'Nutwicks' appears 250m southeast of the Site.
Hampshire &Isle of Wight 1:2,500 1909	No change.	No significant changes.
Hampshire &Isle of Wight 1:2,500 1932	No change.	No significant changes.
Hampshire &Isle of Wight 1:10,560 1933	No change.	The London and Southwestern Railway was renamed to Southern Railway.
Ordnance Survey Plan 1:2,500 1953-1972	No change.	No significant changes.
Ordnance Survey Plan 1:10,000 1963	A factory has been constructed on the southern half of the Site.	A series of factories have been constructed adjacent to the south and southwestern boundary. A gasholder has been constructed 100m southwest. A series of roads have been constructed to the west of the Site, including Downley Road along the western boundary. The West Leigh residential development appears from 200m west of the Site. The surrounding land to the north and east remain undeveloped.
Ordnance Survey Plan 1:2,500 1972	No change.	Two engineering works and a factory have been constructed opposite the western boundary at 50m. A cosmetic factory has been constructed 90m northwest. A steel metal works has been constructed 50m south.
Ordnance Survey Plan 1:10,000 1975	The factory has been renamed 'Works' and now covers the entire Site.	'Works' have been constructed 200m to the north.

Edition and Scale	On-Site Activities	Off-Site Activities (within ~ 250m)
Additional SIMs 1:2,500 1978-1991	Two structures labelled 'Tank' have been constructed. One at the north and one at the south of the Site. The works has been relabelled 'Engineering Works'.	No significant changes.
Ordnance Survey Plan 1:10,000 1992	No change.	The residential development of Denvilles stretches to within 125m of the Site's southern boundary.
Large-Scale National Grid Data 1:2,500 1993	No change.	The area northwest of the site at the location of the cosmetic factory has been labelled 'Industrial Estate'.
10k Raster Mapping 1:10,000 2000	No change.	Denvilles now lies adjacent to the Site's eastern boundary to the east of the railway line and extends for 300m.
Street View 1:10,000 2023	No change.	No significant changes.

3.3.2 Summary of the History of the Site and Surrounding Area

Based on the information obtained by TRC, the history of the Site and surrounding area can be summarised as follows:

- Earliest mapping (1867) shows the Site and surrounding properties as undeveloped fields with the Southern Railway running along the eastern boundary.
- By 1963, the southern portion of the Site had been occupied by a factory. This construction was part of a broader period of development to the south and southwest with the construction of several factories and a single gasholder.
- By 1972, more factories had been constructed to the west and northwest, and by 1975, the factory at the Site had been extended to cover the northern portion and was renamed 'Works'.
- Between 1978 – 1991, two tanks have been constructed at the Site. One in the north and one in the south. The Site building has been renamed 'Engineering Works'. No significant changes have occurred on-site since this time.
- By 1993, the area of factory buildings to the northwest have been renamed 'Industrial Estate'. In the following decades, the housing development of Denvilles expanded north and is currently situated adjacent to the eastern boundary of the Site, separated from the Site by the railway line.

3.4 Planning Department Records

The Havant Borough Council planning portal was searched to appraise the history of planning applications for the Site. The database records show seven applications in the last 32 years.

- APP/15/00062 – Construction of new plant room to eastern elevation. Decision: Granted in April 2015.
- 99/56131/009 – Change of Use from General Industry with ancillary vehicular parking (Use Class B2) to use of part for Open Storage of new cars awaiting transference to local car showrooms / forecourt and use of remainder as Contractor's Depot / Yard, with pro vision of a new access from New Lane. Decision: Granted in June 1999.

- 98/56131/008 – 169 proposed car parking spaces to north of main building. Decision: Granted in October 1998.
- 92/56131/007 – Retention of Test Rig facility to south side of existing building. Decision: Unknown.
- 91/56131/004 – Retention of canopy to south elevation over access and loading bar. Decision: Granted in March 1992.
- 91/56131/003 – Loading bay and shutter door inserted into southern elevation. Decision: Granted in July 1991.
- 91/56131/000 – Erection of gas kiosk on north elevation. Decision Granted in May 1991.

3.5 Unexploded Ordnance (UXO) Records

Based on online UXO mapping available on the Zetica website, the Site lies in an area of moderate risk for potential UXO. Therefore, in order to comply with the CDM Regulations (2015), further assessment is required to assess potential risks from UXO in accordance with the guidance given in CIRIA C681 prior to undertaking any intrusive investigation at the Site. This is to ensure the safety of those involved in the ground investigation.

A detailed report on the risk from UXO, issued by 1st Line Defence, has determined the area to be 'low risk' and is not considered to be above the 'background' level of risk for the region. The full detailed UXO report is presented in Annex D.

4.0 Preliminary Environmental Risk Assessment

4.1 General

The methodology of this risk assessment uses the source-pathway-receptor contaminant linkage to provide a qualitative appraisal of environmental risks and potential liabilities associated with soil and groundwater contamination at the Site.

The initial conceptual site model (CSM) is prepared based on the proposed development, which will comprise one warehouse building, with associated car parking, loading yards, and limited soft landscaping. Should proposals change then the CSM will need to be revisited.

4.2 Contamination Sources

Based on the information presented in this report the following sources of contamination have been identified.

Table 4.1: Summary of Potential Contamination Sources

Potential Sources	Potential Contaminants
Made Ground from previous development	Metals, Polycyclic Aromatic Hydrocarbons (PAH) compounds, Total Petroleum Hydrocarbons (TPH), asbestos, ground gases
Industrial processes at factories and works on and around Site	Heavy metals, PAH compounds, TPH
Tank yards	TPH, BTEX, MTBE, heavy metals
Electricity Substation	Polychlorinated Biphenyls (PCB)
Gas holder 100m southwest	Heavy metals, PAH compounds, TPH, Phenols, Cyanides

4.3 Pathways

Based on the information presented in this report the following potentially active pathways have been identified.

- Dermal contact or ingestion with soil and groundwater
- Inhalation of soil dust or respirable fibres of asbestos
- Leaching of contaminants and vertical migration into groundwater
- Lateral migration of contaminants in groundwater
- Contact with buried services
- Migration of ground gas/organic vapour and ingress into buildings

4.4 Receptors

Based on the information presented in this report the following receptors have been identified.

- Future site users
- Neighbouring site users
- Construction and maintenance workers
- Construction materials
- Groundwater
- Surface water

4.5 Initial Conceptual Site Model

Based on the information presented in this report the following potential contaminants linkages have been identified.

Table 4.2: Potential Contaminant Linkages

Source	Pathway	Receptor	Potential Contaminant Linkage
On-Site Sources			
Metals, PAH compounds, TPH, asbestos and ground gases associated with Made Ground and engineering works at Site. Hydrocarbons and heavy metals associated with tank yards in the northern and southern portion of the Site. PCBs associated with electricity substation in the northern portion of the Site.	Dermal contact, ingestion and inhalation pathways	Future site users	**No** Commercial development with predominantly hardstanding.
		Neighbouring residents/site users	**Yes** Neighbouring residents may be exposed to soil dust, particularly during the construction phase.
		Construction and maintenance workers	**Yes** Construction works will likely involve work in the ground.
	Surface runoff	Surface water (River 132m west of the site)	**No** The Site is level and runoff is unlikely to reach the nearest surface water feature.
	Leaching of contaminants and vertical migration into groundwater	Groundwater	**Yes** The Site is underlain by Secondary (A) Aquifers which are unconfined; however, the underlying bedrock is classified as Unproductive Strata.

Source	Pathway	Receptor	Potential Contaminant Linkage
	Lateral migration of contaminants in groundwater	Surface water (River 132m west)	**Yes** Surface waters may be in hydraulic continuity with groundwater beneath the Site due to the presence of potentially permeable River Terrace Deposits and Head Deposits. However, these are underlain by low permeability London Clay Formation which are unlikely to be in hydraulic connection with surface water therefore depth of groundwater at the Site will determine the risk level.
	Contact with buried services	Buried services	**Yes** It is likely that new below ground services will be installed at the Site.
	Migration of ground gas/organic vapour and ingress into buildings	Future site users	**Yes** The proposed development will comprise confined spaces, where ground gas and vapours can enter and accumulate.
		Construction workers	**Yes** Ground gas and vapours could potentially accumulate in excavations during construction.
Active Off-Site Sources			
Made Ground and engineering works in area to the south, west and northwest of the Site are a potential source of Metals, PAH compounds, TPH and asbestos. Gas holder 100m southwest of Site potential source of Phenols and Cyanides	Dermal contact, ingestion and inhalation pathways	Future site users	**No** Commercial development with predominantly hardstanding.
		Construction workers	**Yes** Construction works will likely involve work in the ground.

4.6 Other Property Related Environmental Issues

Table 4.3: Summary of Other Potential Environmental Issues

Issue	Detail
Coal Mining	Coal Authority records indicate that the Site is not located in an area that is affected by coal mining.
Radon	BGS records indicate that the Site is in an intermediate probability radon area where less 5-10% of homes are estimated to be at or above the Action Level. On this basis, the BGS states that "basic radon protective measures are necessary in the construction of new dwellings or extensions".
Flood Risk	The Site is located within Flood Zone 1, which has a low probability of flooding from rivers and the sea.
Asbestos Containing Materials	Due to the presence of Made Ground at the Site, the presence of asbestos and ACM in soils cannot be discounted. Furthermore, an asbestos survey was not conducted as part of this scope of works. However, warning signage was identified during the Site walkover. Before demolition, an asbestos survey is recommended.
UXO Risk	Based on the Detailed UXO Risk Assessment, the risk of Allied and German UXO is considered low.

5.0 Preliminary Geotechnical Hazards Assessment

Based on the available information presented in the preceding sections, the anticipated geotechnical hazards associated with the Site are summarised in the table below.

Table 5.1: Summary of Geotechnical Hazards

Hazard	Distance	Description
Made Ground	On-Site	Made Ground is expected at the Site to an unknown depth associated with previous developments. Made Ground has high variability and poor engineering properties. Consequently, unless adequately treated, the Made Ground is not considered a suitable founding stratum.
Buried Obstructions	On-Site	There is some potential of buried obstructions within the Made Ground associated with past developments such as relict foundations, old basements, underground tanks etc. Also, the potential presence of large gravels and cobbles within the Made Ground and River Terrace Deposits or claystones within London Clay Formation cannot be ruled out at this stage. Buried obstructions may delay construction operations and will require consideration for the selection of appropriate equipment.
Volume Change Potential Soils	On-Site	Cohesive Head deposits are anticipated at the Site. Such soils will likely exhibit volume changes when subject to fluctuations in moisture content. This would have implications for foundation and floor slab design for future developments.
Buried Concrete	On-Site	London Clay Formation and materials derived from it can naturally contain elevated concentrations of minerals that can be aggressive to buried concrete. Made Ground and superficial deposits should also be checked in that regard.
Running Sand	On-Site	Running sand phenomena during excavations within sandy or gravelly River Terrace Deposits, cannot be ruled out especially if these deposits exist on-site in a loose state and are affected by the presence of shallow groundwater.
Shallow Groundwater	On-Site	Shallow groundwater within granular superficial deposits cannot be ruled out at this time. Shallow groundwater, if present, will require management during construction, including dewatering, in relation to maintaining stability of proposed excavations and facilitating construction activities in dry conditions.

Hazard	Distance	Description
Third Party Assets	On-Site	Based on available data a railway embankment is located adjacent to the Sites eastern boundary. Any impact of the proposed development on this asset should be assessed. Consultation with the asset owner will be required prior to finalising design and construction methods.

6.0 Summary and Conclusions

6.1 Findings

The Site is currently an inactive plot of land that has recently operated as a refrigerator manufacturer and distributor. The building onsite comprised a large single storey steel framed warehouse with two storey offices in the western portion of the building. The Site was predominantly covered in hardstanding, with areas of soft landscaping in the western portion of the Site.

Earliest available mapping (1867) shows the Site and the surrounding area as undeveloped agricultural land. The Site was partially developed as a factory by 1963 and fully developed as an engineering works by 1972. Above ground storage tanks were present at the Site between 1978 and 1991. No significant changes have occurred at Site since this time.

The published geology indicates that the Site is underlain by potential Head Deposits (Secondary A Aquifer), overlying River Terrace Deposits (Secondary A Aquifer), overlying London Clay Formation, which has an Unproductive Strata aquifer designation. Existing borehole logs for the Site indicate the presence of Made Ground overlying the natural deposits.

The Site falls within Flood Zone 1, which indicates that the Site has a low probability of flooding from rivers.

The Site falls with an EA designated groundwater SPZ 1c.

The Site falls within a Nitrate Vulnerable Zone.

BGS records indicate that the Site is in an intermediate probability radon area where 5-10% of homes are estimated to be at or above the Action Level.

6.2 Summary of Environmental Risk

Based on this assessment, it is considered that the recent land use of the Site and its surroundings and the presence of Made Ground across the Site could potentially impact the underlying soil and groundwater conditions. Specifically, two tank yards and potential asbestos at the property could give rise to contaminants.

It is understood that any future development will likely comprise a mixed industrial and commercial end use and ground cover will be predominantly buildings and hardstanding with peripheral areas of soft landscaping only.

The building footprints and hardstanding will minimise the potential for direct contact with potential contamination by futures site users. However, this is a potential for exposure in the proposed areas of soft landscaping and by future maintenance workers. Furthermore, ground gases and organic vapours could enter and accumulate in new buildings and service ducts.

Construction workers and neighbouring site users could come into contact with contaminated soils and soil dust during the construction phase.

The published geology is of possible Head Deposits (Secondary A Aquifer), underlain by River Terrace Deposits (Secondary A Aquifer), underlain by London Clay Formation (Unproductive Strata). The superficial aquifer is unconfined and therefore considered to be sensitive to mobile contamination.

An unnamed river is present approximately 132m to the west of the Site and has potential to be in hydraulic continuity with groundwater in the superficial deposits. Surface water is therefore considered to be sensitive to contamination, and there is potential for contamination migration in groundwater from the Site to impact surface water receptors.

Based on the Detailed UXO Risk Assessment for the Site, the risk of Allied and German UXO is considered low.

BGS records indicate that the Site is in an intermediate probability radon area where less 5-10% of homes are estimated to be at or above the Action Level. On this basis, the BGS states that "basic radon protective measures are necessary in the construction of new dwellings or extensions". Further assessment may be required to determine whether mitigation measures are required.

6.3 Summary of Geotechnical Hazards

Based on the available information for the Site, a number of potential geotechnical hazards are anticipated associated with the proposed development. These are Made Ground, buried obstructions, ground's aggressiveness to buried concrete, running sands, shallow groundwater, volume change potential soils and adjacent third party assets.

These potential geotechnical hazards should be investigated and further assessed as discussed in the following section.

7.0 Recommendations for Further Work

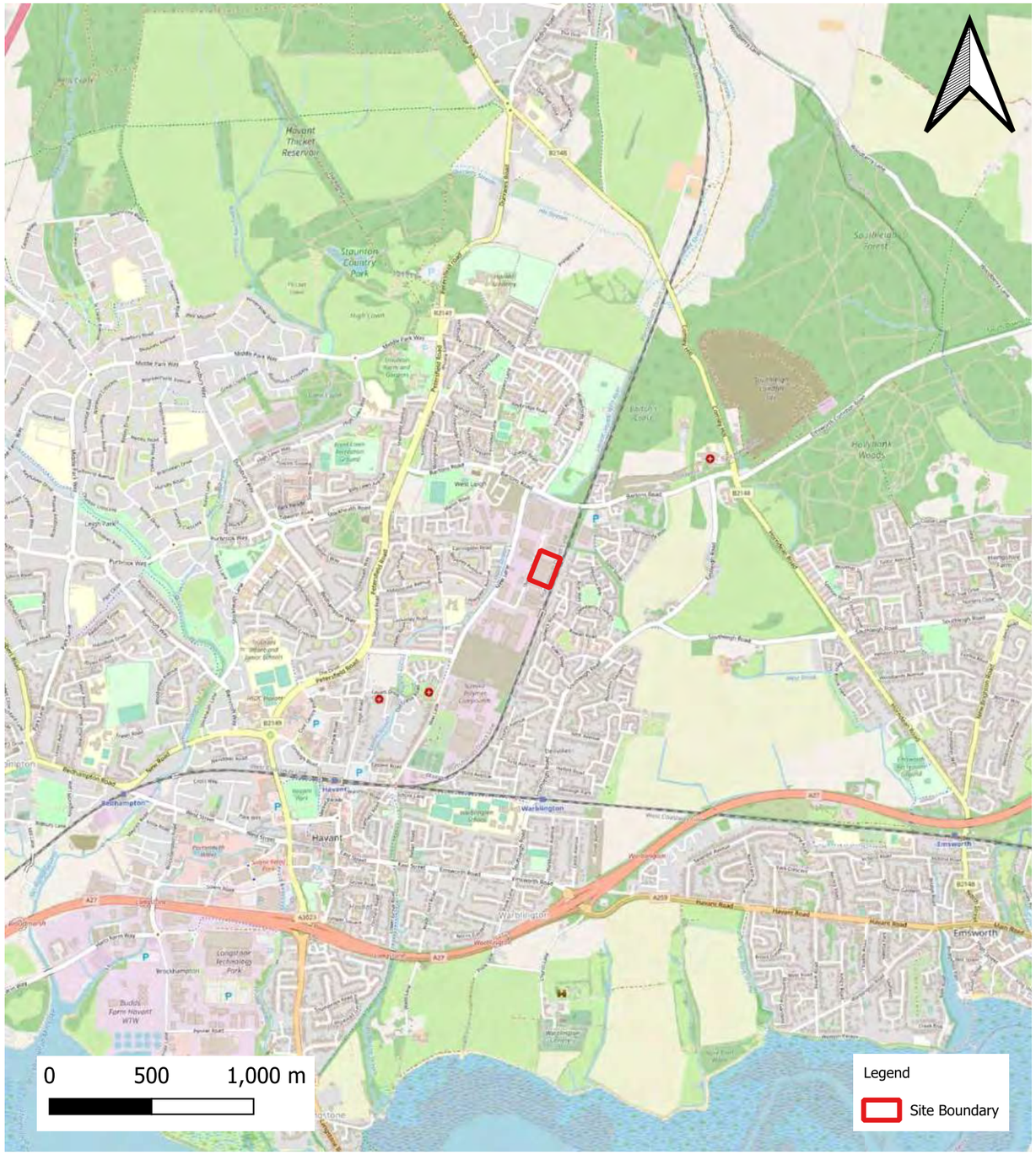
In light of the study findings, TRC recommends a Tier 2 (formerly known as a phase 2) intrusive ground investigation to further appraise underlying soil and groundwater quality and assess ground gas conditions. This is likely to be a requirement of planning consent. The investigation should focus on the potential sources identified as part of this assessment, along with targeting other features noted in this report. This will aim to address any risks to the identified receptors.

A detailed investigation with geotechnical testing is required to confirm the underlying geology, groundwater regime and engineering properties of the underlying soils. The ground investigation should be designed and assessed based on the requirements of BS5930:2015, Eurocode 7 Part 2 (and the associated National Annex). The investigation and assessment should be tailored to ensure that the geotechnical hazards, discussed in this report are addressed and appropriate mitigation measures are proposed to inform the structural and civils design.

A Geotechnical Design Report may need to be prepared at a later stage in accordance with Eurocode 7, once the ground investigation and assessment have been completed and the final scheme details are known.

Due to the presence of Made Ground at the Site, the presence of asbestos and asbestos containing material (ACM) in soils cannot be discounted. Furthermore, an asbestos survey was not conducted as part of this scope of works. However, warning signage was identified during the Site walkover. Before demolition, an asbestos survey is recommended.

Annex A: Figures



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	Google imagery June 2018 © OpenStreetMap contributors- data is available under the Open Database License. Cartography licensed as CC BY-SA.	P01	FIRST ISSUE					TRC PROJECT NO.: 562241	SCALE: 25,000:1 @ A3 1500:1 @ A3
			Initials	TS	TS	15/04/24	CLIENT: ROYAL LONDON PROPERTY FUND	PURPOSE OF ISSUE: SUITABLE FOR INFORMATION	STATUS
		REV.	REVISION NOTES/COMMENTS				PROJECT: DOWNLEY ROAD, HAVANT	DRAWING NO: FIGURE 01	REVISION: PO1
			Initials						

Disclaimer:
Subject to survey

N

0 5 10 15 20 25

Notes:

KEY

- Ownership Boundary
- Site Boundary (16,970m² / 4.19acres / 1.70ha)

GENERAL KEY

- New Entrance
- Cycle Stands
- Car Share Spaces
- EV Charging Bays
- Refuse
- Disabled Parking Bays
- Sub-Station
- Existing Steel Palisade Fence
- Proposed Steel Palisade Fence

AREA SCHEDULE (GIA)

UNIT 1 (GIA)	**27,395ft²**
Warehouse (Incl. office Undercroft)	23,725ft²
Office (FF)	3,670ft²
Car Parking (Including 2 accessible bays)	40
EV charging spaces	*8*
Car Share	*2*
Cycle parking spaces	*20*
Motor bike spaces	*2*
UNIT 2 (GIA)	**35,535ft²**
Warehouse (Incl. office Undercroft)	32,540ft²
Office (FF)	2,995ft²
Car Parking (Including 2 accessible bays)	45
EV charging spaces	*10*
Car Share	*2*
Cycle parking spaces	*20*
UNIT 3 (GIA)	**38,500ft²**
Warehouse (Incl. office Undercroft)	33,400ft²
Office (FF)	5,100ft²
Car Parking (Including 2 accessible bays)	51
EV charging spaces	*10*
Car Share	*3*
Cycle parking spaces	*20*
Motor bike spaces	*3*
TOTAL (GIA)	**101,430ft²**
Total Parking	**136**

Rev:	Notes:	Date:	Dwn:	Ckn:
J	Landscaping updated	04.07.24	HT	HA
I	Car Sharing	26.06.24	HT	HA
H	EV Charging bays and Area check	20.06.24	HT	HA
G	Additional cycle and motor bike spaces	17.05.24	AH	HA
F	Unit Plan Updated	01.05.24	HT	HA
E	Changes to Yard Layout	25.01.24	AH	HA
D	Changes to Sheet Layout	25.01.24	AH	HA
C	Hedge Width Increased to 1.5m	24.01.24	AH	HA
B	Additional landscaping and trees added to the Downley Road frontage, car parking spaces increased and ancillary offices completely encompassed into the units	23.01.24	AH	HA
A	Updated Site Plan	13.11.23	TM	HA
-	First Issue	10.11.23	TM	HA

Suitability Code:

PLANNING

Client:

CAMPER

hale
ARCHITECTURE
22c Leathermarket Street, London, SE1 3HP

Project:
Dunham Bush Site, Downley Road
Havant

Drawing Title:
Proposed Site Plan

Project No:	Scale @A1 / A3	Revision:
23076	1:500 / 1:1000	J

Drawing No:
PL004

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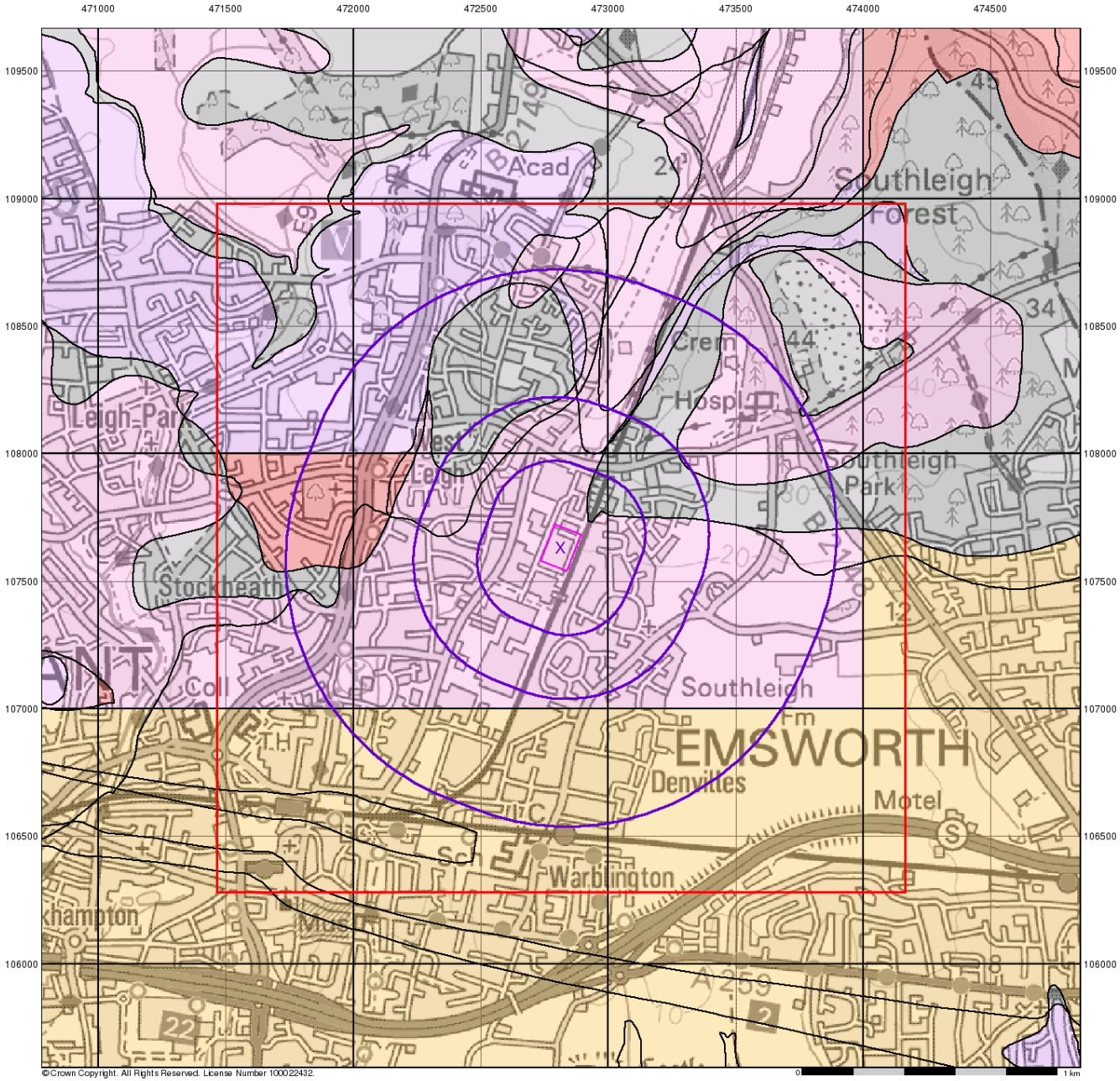
	Google imagery June 2018							TRC PROJECT NO.: 562241	SCALE:	
		P01	FIRST ISSUE				CLIENT: ROYAL LONDON PROPERTY GROUP	PURPOSE OF ISSUE: SUITABLE FOR INFORMATION		STATUS:
			Initials	LS	LS	08/07/24				
		REV.	REVISION NOTES/COMMENTS				PROJECT: DOWNLEY ROAD, HAVANT	DRAWING NO: FIGURE 02		REVISION: PO1
			Initials							

Annex B: Envirocheck Report



Groundwater Vulnerability

General

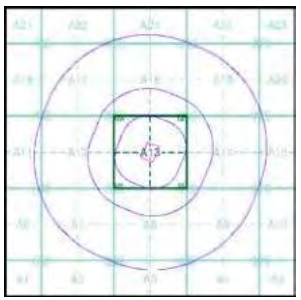
Specified Site
Specified Buffer(s)
Bearing Reference Point
Slice
Map ID

Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer
Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	317423603_1_1
Customer Ref:	562241
National Grid Reference:	472810, 107630
Slice:	A
Site Area (Ha):	1.71
Search Buffer (m):	1000

Site Details

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Bedrock Aquifer Designation

General

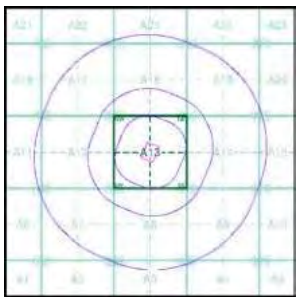
Specified Site
Specified Buffer(s)
Bearing Reference Point
Slice
Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



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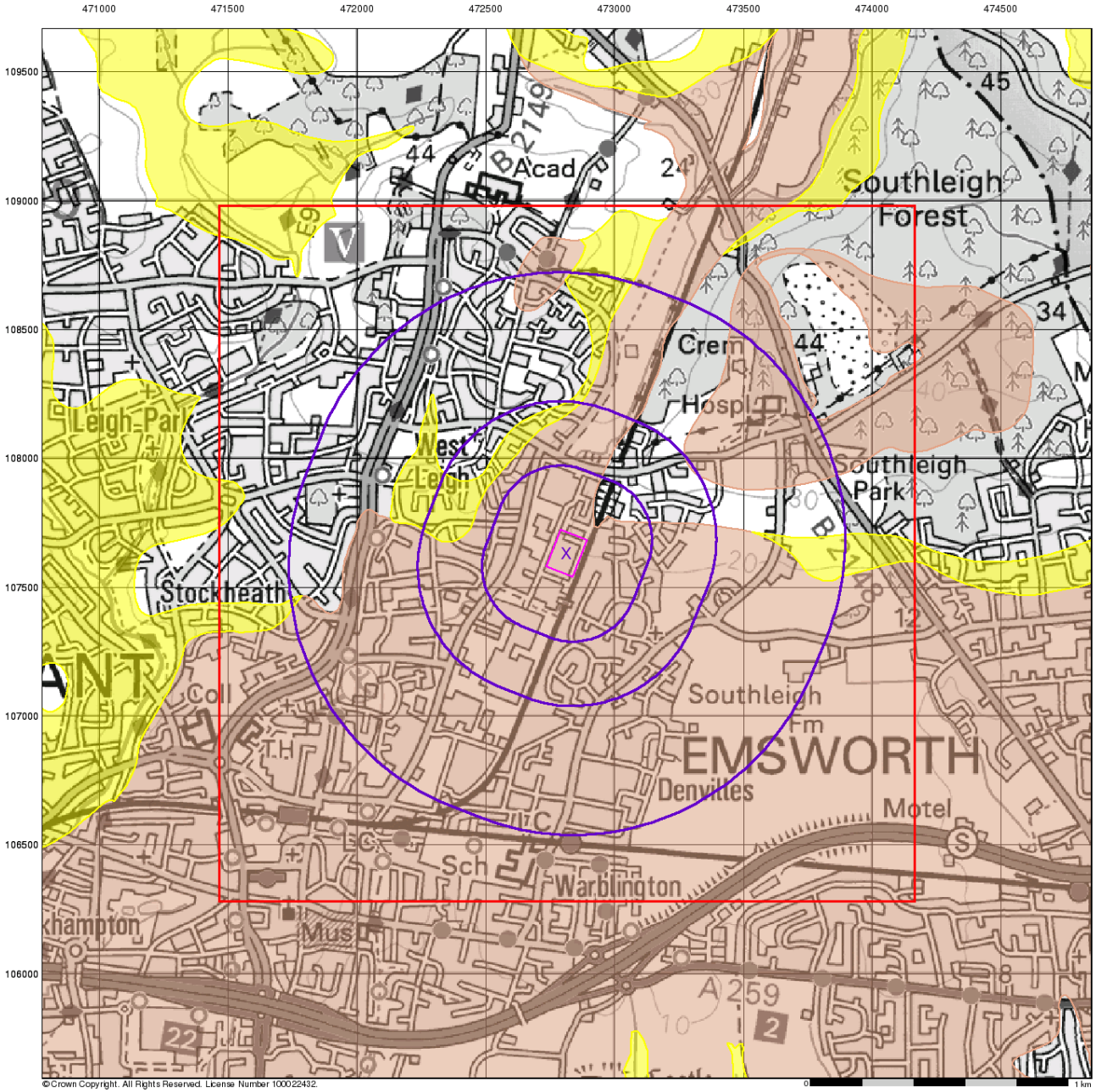


Superficial Aquifer Designation

General

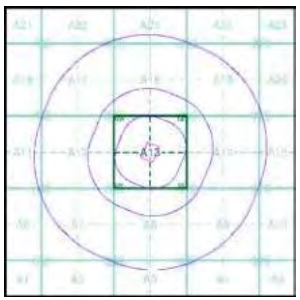
Specified Site
Specified Buffer(s)
Bearing Reference Point
Slice
Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



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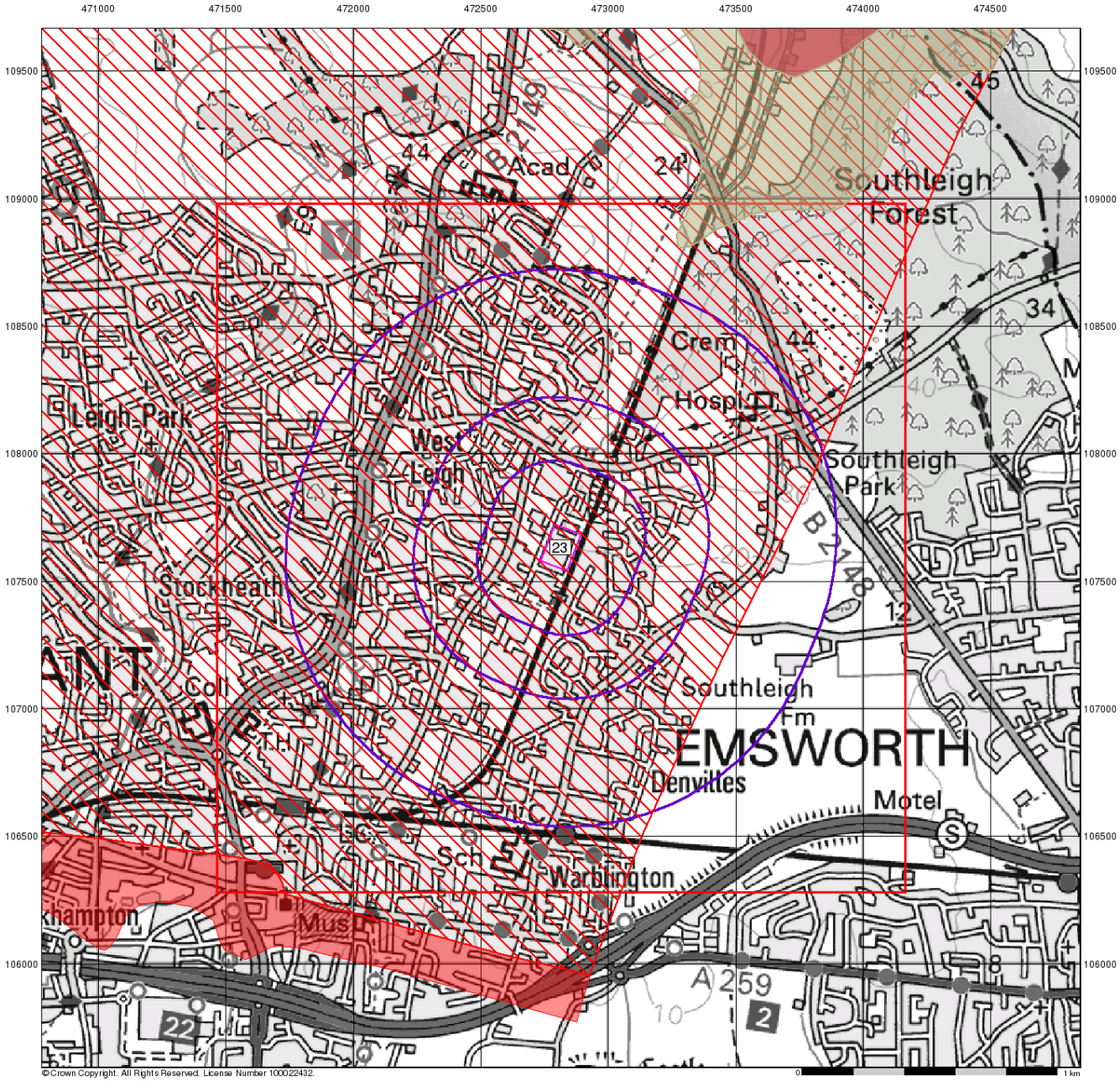


Source Protection Zones

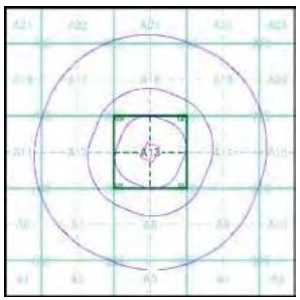
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



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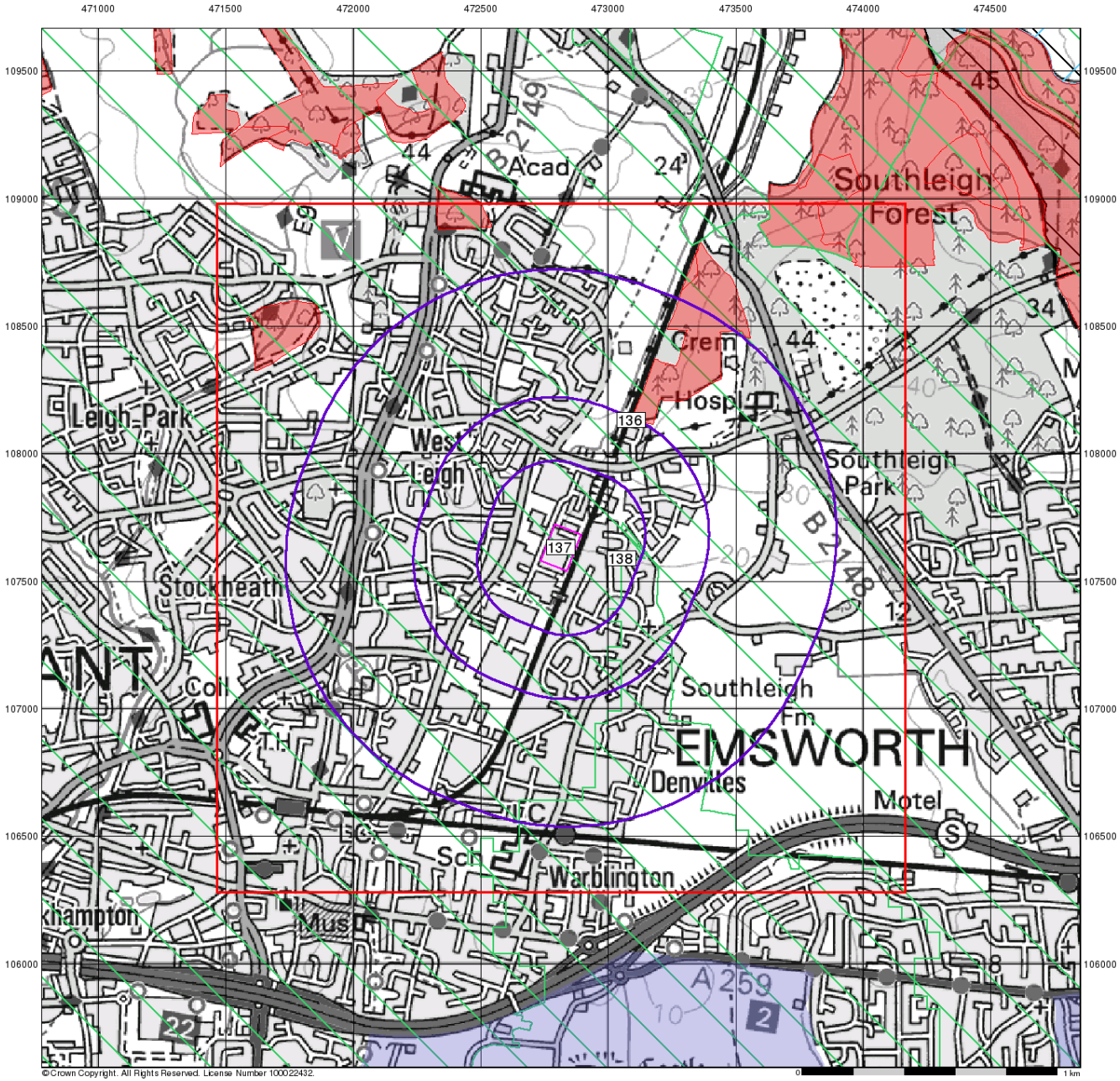


Sensitive Land Uses

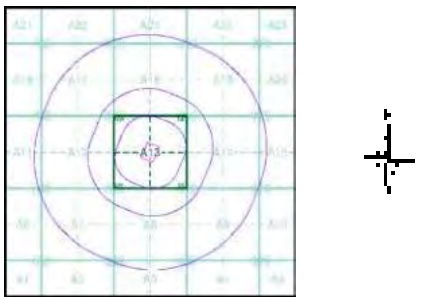
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



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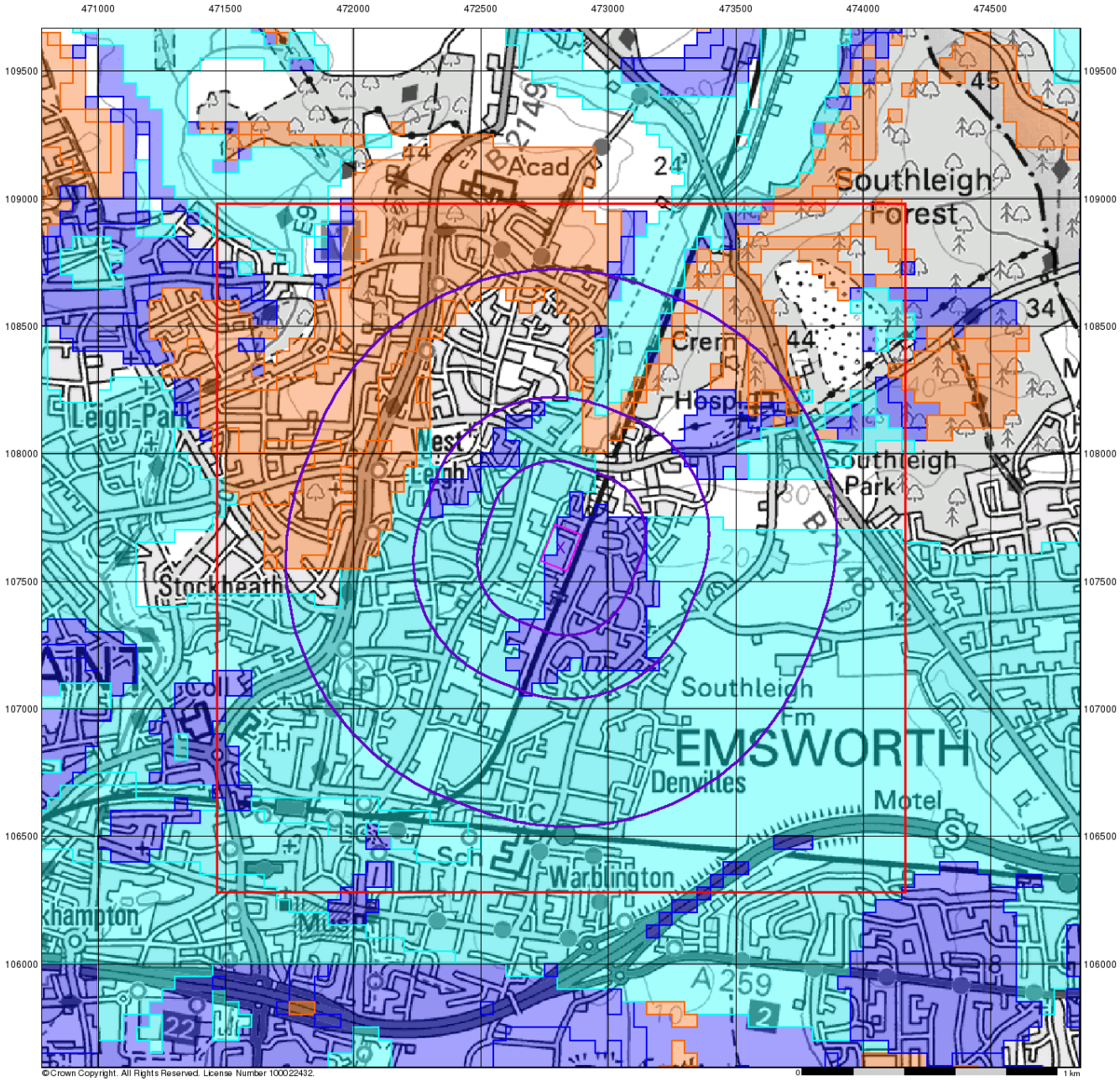


BGS Flood GFS Data

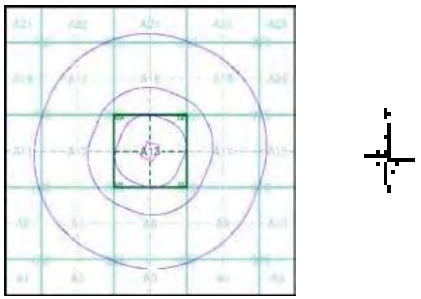
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



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Site Details

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
317423603_1_1

Customer Reference:
562241

National Grid Reference:
472810, 107630

Slice:
A

Site Area (Ha):
1.71

Search Buffer (m):
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Site Details:

Downley Road
HAVANT
PO9 2JD

Client Details:

Mr W Nitch-Smith
TRC Companies Ltd
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20 Red Lion Street
London
WC1R 4PQ

Contents

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Industrial Land Use	19
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.
In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes		Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		3	2	1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 3				5
Integrated Pollution Prevention And Control	pg 3				6
Local Authority Integrated Pollution Prevention And Control	pg 5				2
Local Authority Pollution Prevention and Controls	pg 5			1	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			1	3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 7		1		1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 7	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Source Protection Zones	pg 7	1			
Extreme Flooding from Rivers or Sea without Defences	pg 8		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 8		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 8		8	7	25

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 14				2
Licensed Waste Management Facilities (Locations)	pg 14			1	
Local Authority Landfill Coverage	pg 14	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 14			1	
Registered Waste Treatment or Disposal Sites	pg 15		1	1	
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 16		1		
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 16		1		
Planning Hazardous Substance Consents	pg 16		3		
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 17			1	4
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 17	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 18	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 18	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 18	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 18	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 18	Yes	n/a	n/a	n/a

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 19	1	51	24	33
Fuel Station Entries	pg 28				1
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 29			1	
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 29	1	1		
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	0	1	472800 107631
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	0	1	472814 107631
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	267	1	472650 107950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	299	1	472900 108000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	317	1	472500 107850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	389	1	472700 108100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	430	1	472750 108150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	457	1	472950 108150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	478	1	473250 108000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	493	1	473050 108150
1	**Discharge Consents** Operator: Gec-Plessey Avionics Ltd. Property Type: Undefined Or Other Location: Gec-Plessey Avionics Ltd., Martin Road, West Leigh, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01759 Permit Version: 1 Effective Date: 14th July 1988 Issued Date: 14th July 1988 Revocation Date: 8th March 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	127	2	472690 107800
2	**Discharge Consents** Operator: Thermofil Polymers (Uk) Ltd Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: New Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Ao0598 Permit Version: 1 Effective Date: 28th November 1994 Issued Date: 28th November 1994 Revocation Date: 6th September 2005 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 10m	A13NW (N)	229	2	472810 107950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: Vickers Systems Ltd. Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: New Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01208 Permit Version: 1 Effective Date: 15th April 1965 Issued Date: 15th April 1965 Revocation Date: 27th February 2006 Discharge Type: Trade Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6)** Positional Accuracy: Located by supplier to within 100m	A13NW (N)	229	2	472810 107950
3	**Discharge Consents** Operator: Gec-Plessey Avionics Ltd. Property Type: Undefined Or Other Location: Gec-Plessey Avionics Ltd., Martin Road, West Leigh, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01759 Permit Version: 1 Effective Date: 14th July 1988 Issued Date: 14th July 1988 Revocation Date: 8th March 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	330	2	472500 107880
4	**Discharge Consents** Operator: Mr K Harvey, Maintenance Manager Property Type: Undefined Or Other Location: New Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P01349 Permit Version: 1 Effective Date: 4th February 1988 Issued Date: 4th February 1988 Revocation Date: 6th April 1992 Discharge Type: Trade Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	345	2	472430 107420
5	**Discharge Consents** Operator: Southern Water Services Limited. + Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Eastleigh Road, Denvilles Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00327 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 6th March 1996 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A14NW (E)	507	2	473400 107700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Integrated Pollution Controls** Name: John Wyeth And Brother Ltd Location: New Lane, HAVANT, Hampshire, PO9 2NG Authority: Environment Agency, Southern Region Permit Reference: AK5458 Dated: 24th February 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry **Status: Authorisation revoked** Positional Accuracy: Unknown	A7NE (SW)	507	2	472400 107200
6	**Integrated Pollution Controls** Name: Wyeth Research (uk) Ltd Location: New Lane, HAVANT, Hampshire, PO9 2NG Authority: Environment Agency, Southern Region Permit Reference: AK5571 Dated: 24th February 1994 Process Type: IPC new application Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry **Status: Authorisation revoked** Positional Accuracy: Unknown	A7NE (SW)	511	2	472400 107195
7	**Integrated Pollution Controls** Name: Asahi Thermofil (Uk) Ltd Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: AO0598 Dated: 18th November 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	608	2	472407 107069
7	**Integrated Pollution Controls** Name: Asahi Thermofil (Uk) Ltd Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: BG1861 Dated: 16th February 2000 Process Type: IPC major (substantial) variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry **Status: Revoked - Now IPPC** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	609	2	472412 107064
7	**Integrated Pollution Controls** Name: Asahi Thermofil (Uk) Ltd Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: BC9461 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	612	2	472407 107064
8	**Integrated Pollution Prevention And Control** Name: Sumika Polymer Compounds (Uk) Ltd Location: Havant Plastics Compounder, 28, New Lane,,, Havant, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: MP3431KV Original Permit Ref: Bx8076ix Effective Date: 15th April 2010 **Status: Surrender Effective** Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherrwise Prescrined) (Unless Glazing Etc) Primary Activity: Y	A7NE (SW)	607	2	472407 107069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Integrated Pollution Prevention And Control** Name: Sumika Polymer Compounds (Uk) Ltd Location: Havant Plastics Compounder, 28, New Lane,,, Havant, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: QP3235GD Original Permit Ref: Bx8076ix Effective Date: 17th June 2009 **Status: Superseded By Variation** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherrwise Prescrined) (Unless Glazing Etc) Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A7NE (SW)	607	2	472407 107069
8	**Integrated Pollution Prevention And Control** Name: Asahi Thermofil Uk Ltd Location: Plastics Compounder - Havant, 28, New Lane, Havant, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: Bx8076ix Original Permit Ref: Bx8076ix Effective Date: 7th September 2005 **Status: Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherrwise Prescrined) (Unless Glazing Etc) Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A7NE (SW)	607	2	472407 107069
9	**Integrated Pollution Prevention And Control** Name: Sumika Polymer Compounds (Uk) Ltd Location: Havant Plastics Compounder, 28,New Lane, ,, Havant, Hampshire, PO9 2NQ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: MP3431KV Original Permit Ref: Bx8076ix Effective Date: 15th April 2010 **Status: Surrender Effective** Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Automatically positioned to the address Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherrwise Prescrined) (Unless Glazing Etc) Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A7NE (SW)	686	2	472376 106996
9	**Integrated Pollution Prevention And Control** Name: Sumika Polymer Compounds (Uk) Ltd Location: Havant Plastics Compounder, 28,New Lane, ,, Havant, Hampshire, PO9 2NQ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: QP3235GD Original Permit Ref: Bx8076ix Effective Date: 17th June 2009 **Status: Superseded By Variation** Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherrwise Prescrined) (Unless Glazing Etc) Primary Activity: Y	A7NE (SW)	686	2	472376 106996

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Integrated Pollution Prevention And Control** Name: Asahi Thermofil Uk Ltd Location: Havant Plastics Compounder, 28,New Lane, ,, Havant, Hampshire, PO9 2NQ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: BX8076IX Original Permit Ref: Bx8076ix Effective Date: 7th September 2005 **Status: Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherrwise Prescrined) (Unless Glazing Etc) Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A7NE (SW)	686	2	472376 106996
10	**Local Authority Integrated Pollution Prevention And Control** Name: Sumika Polymer Compounds Ltd Location: 28 New Lane, Havant, PO9 2NQ Authority: Havant Borough Council, Environmental Health Department Permit Reference: EA/EPR/BX8076IX Dated: 7th September 2005 Process Type: Other Activities Description: Not Supplied **Status: Permit Issued** Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	604	3	472549 107004
11	**Local Authority Integrated Pollution Prevention And Control** Name: Motorwork Ltd Location: Westleigh Service Station, Petersfield Road, Havant, Hampshire, PO9 5HA Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/05/00267 Dated: Not Supplied Process Type: Energy Industries Description: PG1/1 Waste Oil And Recovered Oil Burnersless than 0.4W **Status: Permit Issued** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	738	3	472081 107934
12	**Local Authority Pollution Prevention and Controls** Name: Wyeth Laboratories Location: New Lane, HAVANT, Hampshire, PO9 2NG Authority: Havant Borough Council, Environmental Health Department Permit Reference: 4 Dated: 15th January 1997 Process Type: Local Authority Air Pollution Control Description: Part B - General Coating Process (No Specific Reference) **Status: Authorisation revoked** Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	438	3	472465 107236
13	**Local Authority Pollution Prevention and Controls** Name: Thermofil Polymers (Uk) Ltd Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ Authority: Havant Borough Council, Environmental Health Department Permit Reference: Ao0598 Dated: 28th November 1994 Process Type: Local Authority Air Pollution Control Description: PG4/2 Processes for the manufacture of fibre reinforced plastics **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	608	3	472403 107071
14	**Local Authority Pollution Prevention and Controls** Name: Vision Travel International Limited Location: Unit 11 Kenwood Business Park, New Lane, Havant, PO9 2NH Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/07/08915 Dated: 2nd January 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A8SW (S)	689	3	472578 106901
15	**Local Authority Pollution Prevention and Controls** Name: Westleigh Service Station (Motorwrok) Location: Petersfield Road, Havant, Po9 5ha Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/05/00267 Dated: 22nd March 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input **Status: Transferred to IPPC** Positional Accuracy: Located by supplier to within 10m	A12NW (NW)	739	3	472087 107953

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Local Authority Pollution Prevention and Controls** Name: West Leigh Service Station Location: Petersfield Road, HAVANT, Hampshire, PO9 5HA Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/IPPC/05/00323 Dated: 9th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Authorisation revoked** Positional Accuracy: Automatically positioned to the address	A12NW (W)	739	3	472079 107933
16	**Local Authority Pollution Prevention and Controls** Name: Thermofil Polymers (Uk) Ltd Location: New Lane, HAVANT, Hampshire, PO9 2NH Authority: Havant Borough Council, Environmental Health Department Permit Reference: Epa1/1/97 Dated: 15th January 1997 Process Type: Local Authority Air Pollution Control Description: PG6/10 Coating manufacturing **Status: Authorised** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	800	3	472274 106926
17	**Local Authority Pollution Prevention and Controls** Name: Kenwood Ltd Location: New Lane, Havant, Hampshire, Po9 2nh Authority: Havant Borough Council, Environmental Health Department Permit Reference: EPA/1/2/94 Dated: 22nd October 1993 Process Type: Local Authority Air Pollution Control Description: PG2/6 Aluminium and aluminium alloy processes **Status: Authorisation revoked** Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	814	3	472437 106823
18	**Local Authority Pollution Prevention and Control Enforcements** Location: New Lane, Havant, Hampshire, Po9 2nq Type: Air Pollution Control Enforcement Notice Reference: AO 0598 Date Issued: 25th November 1998 Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	608	3	472403 107071
	Nearest Surface Water Feature	A13NW (W)	132	-	472632 107690
19	**Pollution Incidents to Controlled Waters** Property Type: Domestic/Residential Location: Lockerley Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Petrol Note: 20L Petrol To Drain Incident Date: 10th July 1992 Incident Reference: 198 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	471	2	472300 107400
20	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Other Location: Hipley Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Unknown Sewage Note: Pipe Pouring Out Soapy White Water; Water Company Sewage: Surface Water Outfall Incident Date: 13th June 1995 Incident Reference: 1890 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	604	2	472200 107300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	**Pollution Incidents to Controlled Waters** Property Type: Industrial: Other Location: Eastern Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Chemicals - Other Organic Note: Stream Polluted; Chemical Industry Incident Date: 9th June 1995 Incident Reference: 1884 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Organic Industrial Waste Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	808	2	472300 106900
22	**Pollution Incidents to Controlled Waters** Property Type: Domestic/Residential Location: Crosslands Drive, HAVANT Authority: Environment Agency, Southern Region Pollutant: Rubble/Litter Or Solids Note: Rubbish & Pollution Of Stream Incident Date: 8th May 1992 Incident Reference: 73 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SW (SW)	931	2	472100 106900
	River Quality Name: Lavant (Hants) GQA Grade: River Quality A Reach: Tidal Limit - Source Estimated Distance (km): 6.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13NW (W)	135	2	472631 107686
	River Quality Name: Southleigh Strm GQA Grade: River Quality D Reach: Tidal Limit - Source Estimated Distance (km): 2.2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14NW (E)	508	2	473385 107810
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	A13NW (NW)	0	4	472814 107631
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (NW)	0	4	472814 107631
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (NW)	0	4	472814 107631
23	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone Ic (Inner Protection Zone): Travel time of 50 days or less to the groundwater source - subsurface activity only.	A13NW (NW)	0	2	472814 107631

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	111	2	472650 107681
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	135	2	472857 107844
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	169	2	472697 107863
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	112	2	472638 107647
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	119	2	472647 107683
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	170	2	472694 107863
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	179	2	472682 107865
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	183	2	472770 107905
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	196	2	472539 107586
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 356.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (W)	134	5	472631 107691
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (NW)	139	5	472643 107727
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (NW)	140	5	472646 107738

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (NW)	167	5	472676 107844
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (NW)	180	5	472678 107864
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (N)	219	5	472711 107927
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 193.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NW (N)	219	5	472711 107927
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A13NE (NE)	239	5	473119 107760
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SE (N)	255	5	472841 107971
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 546.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SE (N)	272	5	472852 107987
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A14NW (E)	281	5	473167 107748
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12SE (SW)	309	5	472469 107422

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 421.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A12SE (SW)	311	5	472468 107421
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A14NW (E)	317	5	473205 107738
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18SW (NW)	376	5	472534 107999
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A14NE (E)	656	5	473529 107844
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NW (SW)	703	5	472121 107237
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 858.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A9SW (SE)	716	5	473248 106953
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NW (SW)	717	5	472116 107220
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NW (SW)	722	5	472113 107213
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A7NW (SW)	722	5	472113 107213

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 887.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A7NW (SW)	726	5	472109 107213
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 238.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18NE (NE)	739	5	473144 108377
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 130.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A18NE (NE)	739	5	473144 108377
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19NW (NE)	760	5	473270 108342
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19NW (NE)	761	5	473269 108343
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NW (SW)	776	5	472097 107137
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 483.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A7NW (SW)	784	5	472098 107123
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 191.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19SW (NE)	818	5	473441 108290
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 79.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	A19NW (NE)	876	5	473231 108489

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19NW (NE)	902	5	473316 108478
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19NW (NE)	904	5	473310 108484
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 122.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19NW (NE)	905	5	473313 108483
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 232.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A9NE (SE)	906	5	473638 107118
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 205.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A9NE (SE)	937	5	473677 107125
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 88.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19NW (NE)	965	5	473434 108481
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A19SE (NE)	965	5	473758 108110
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19NW (NE)	977	5	473224 108602
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19NW (NE)	977	5	473224 108602

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 295.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	A19NW (NE)	978	5	473227 108601

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Southleigh Landfill Site Licence Number: 19870 Location: LEIGH ENVIRONMENTAL (SOUTHERN) LIMITED, Southleigh Landfill Site, Emsworth Common Road, Emsworth, Hampshire, PO9 2PB Licence Holder: Leigh Environmental (Southern) Limited Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Co-disposal Landfill Sites Max Input Rate: Not Supplied **Licence Status: Closure** Issued: 3rd May 1995 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A19SE (NE)	961	2	473766 108084
65	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Southleigh Landfill Site Licence Number: 19870 Location: Southleigh Landfill Site, Emsworth Common Road, Emsworth, Hampshire, PO9 2PB Licence Holder: Leigh Environmental (Southern) Ltd Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Co-disposal Landfill Sites Max Input Rate: Not Supplied **Licence Status: Inactive** Issued: 3rd May 1995 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A19SE (NE)	961	2	473764 108089
66	**Licensed Waste Management Facilities (Locations)** Licence Number: 19987 Location: 32 New Lane, Havant, Hampshire, PO9 2NG Operator Name: John Wyeth & Brother Limited Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: In-house Storage Facilities **Licence Status: Surrendered** Issued: 13th September 1991 Last Modified: 11th June 2001 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 19th July 2022 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	414	2	472550 107210
	Local Authority Landfill Coverage Name: Havant Borough Council - Has supplied landfill data		0	3	472814 107631
	Local Authority Landfill Coverage Name: Hampshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	472814 107631
	Local Authority Landfill Coverage Name: East Hampshire District Council - Has no landfill data to supply		384	7	473032 108040
67	**Registered Waste Transfer Sites** Licence Holder: John Wyeth & Brother Ltd Licence Reference: 13/ 22 Site Location: New Lane, HAVANT, Hampshire, PO9 2NG Operator Location: Huntercombe Lane South, Taplow, MAIDENHEAD, Berkshire, SL6 0PH Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Storage Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Licence Status: Operational as far as is knownOperational Dated: 11th June 2001 Preceded By Licence: 13/ 22 Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Special Waste (As In Epa 1990:S62 Of 1996 Regs) & Other Waste In Working Plan Prohibited Waste: Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.09.00) Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00) Other Waste / Waste Not Otherwise Specified	A8NW (SW)	364	2	472630 107230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	**Registered Waste Treatment or Disposal Sites** Licence Holder: Vinatex Ltd Licence Reference: 13/ 2 Site Location: New Lane, Havant, Hampshire Operator Location: As Site Address Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Incineration Max Input Rate: Undefined Waste Source Restrictions: Waste produced/controlled by licence holder Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 17th June 1977 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste Paper/Cardboard Waste Wood Waste/Timber Environment Agency must give specific authorisation for this waste to be acceptedWaste requires prior approval Waste N.O.S	A13SW (SW)	225	2	472600 107400
69	**Registered Waste Treatment or Disposal Sites** Licence Holder: Wyeth Laboratories Licence Reference: 13/ 22 Site Location: New Lane, HAVANT, Hampshire, PO9 2NG Operator Location: As Site Address Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Storage Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Licence Status: Record supersededSuperseded Dated: 13th September 1991 Preceded By Licence: Not Given Superseded By Licence: 13/ 22 Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste Special Wastes As In Application	A8NW (SW)	364	2	472630 107230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	**Control of Major Accident Hazards Sites (COMAH)** Name: Transco Plc Location: Leigh Holder Station, Leigh Park, New Lane, HAVANT, Hampshire, PO9 2NF Reference: Not Supplied Type: Lower Tier **Status: Active** Positional Accuracy: Manually positioned to the address or location	A13SW (W)	85	8	472651 107590
71	**Notification of Installations Handling Hazardous Substances (NIHHS)** Name: Transco Location: Leigh Holder Station, New Lane, Leigh Park, Havant, Hants, Po9 2Ns **Status: Not Active** Positional Accuracy: Manually positioned to the address or location	A13SW (W)	87	8	472648 107588
72	**Planning Hazardous Substance Consents** Name: British Gas Plc Location: Gas Holder Station, Downley Road, New Lane, HAVANT, Hampshire, PO9 2NJ Authority: Havant Borough Council, Commercial Team Application Ref: 92/53844/001 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 42 Application date: 28th October 1992 **Decision: Unknown at time of reportUnknown** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	34	9	472701 107580
73	**Planning Hazardous Substance Consents** Name: British Gas Plc Location: Land Between New Lane, And Downley Road, Havant , Hampshire, Po9 Authority: Havant Borough Council, Commercial Team Application Ref: 01/53844/004 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 21 Application date: 18th January 2001 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the address or location	A13SW (W)	83	9	472652 107589
73	**Planning Hazardous Substance Consents** Name: British Gas Plc Location: Gas Holder Station, New Lane, Downley Road, Havant, Hampshire, Po9 2nj Authority: Havant Borough Council, Commercial Team Application Ref: 00/53844/003 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 21 Application date: 6th June 2000 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the address or location	A13SW (W)	84	9	472651 107589

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13NW (NW)	0	1	472814 107631
74	**BGS Recorded Mineral Sites** Site Name: Havant Farm Gravel Pit Location: West Leigh, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 163105 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12SE (W)	441	1	472295 107606
75	**BGS Recorded Mineral Sites** Site Name: South Leigh Gravel Pit Location: Emsworth, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 163102 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	708	1	473504 108040
76	**BGS Recorded Mineral Sites** Site Name: Denvilles Clay Pit Location: Denvilles, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 163110 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SE (S)	785	1	473079 106793
77	**BGS Recorded Mineral Sites** Site Name: Havant Farm Gravel Pit Location: West Leigh, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 163106 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	854	1	471964 107213
78	**BGS Recorded Mineral Sites** Site Name: South Leigh Gravel Pit Location: Emsworth, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 163104 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	953	1	473771 108054
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472814 107631

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472787 107656
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472814 107631
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472814 107631
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472814 107631
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472787 107656
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472814 107631
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	61	1	472921 107736
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	220	1	473102 107751
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472814 107631
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (5 to 10% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472814 107631
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472775 107675
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472814 107631
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	472775 107675

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**Contemporary Trade Directory Entries** Name: Dunham-Bush Ltd Location: 8, Downley Road, Havant, PO9 2JD Classification: Refrigeration Equipment Manufacturers & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (S)	0	-	472809 107616
80	**Contemporary Trade Directory Entries** Name: Window Sash Co Location: Unit 6, Downley Point, Downley Road, Havant, Hampshire, PO9 2NA Classification: Windows - Sash **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SW (S)	8	-	472798 107547
80	**Contemporary Trade Directory Entries** Name: Cool Breeze Services Ltd Location: Unit 8, Downley Point, Downley Road, Havant, PO9 2NA Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (S)	16	-	472820 107529
80	**Contemporary Trade Directory Entries** Name: Westover Metal Spinning Ltd Location: 8 Downley Point,Downley Rd, Havant, Hampshire, PO9 2NA Classification: Metal Spinners **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SE (S)	18	-	472822 107526
81	**Contemporary Trade Directory Entries** Name: Speedcut Ltd Location: Unit 4, Downley Point, Downley Road, Havant, PO9 2NA Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	12	-	472780 107549
81	**Contemporary Trade Directory Entries** Name: Speedcut Location: UNIT 4, DOWNLEY POINT, DOWNLEY ROAD, HAVANT, PO9 2NA Classification: Precision Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (S)	12	-	472780 107549
81	**Contemporary Trade Directory Entries** Name: A & B Precision Engineeering Location: Downley Point,Downley Rd, Havant, Hampshire, PO9 2NA Classification: Tool Design, Manufacturers & Makers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	24	-	472776 107538
81	**Contemporary Trade Directory Entries** Name: Havant Sheet Metal Location: 6, Downley Road, Havant, Hampshire, PO9 2NN Classification: Sheet Metal Work **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	56	-	472757 107511
81	**Contemporary Trade Directory Entries** Name: Santric Ltd Location: 6, Downley Road, Havant, Hampshire, PO9 2YD Classification: Hygiene & Sanitary Appliance Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	57	-	472754 107512
81	**Contemporary Trade Directory Entries** Name: Martin Parr Location: Unit 5, Downley Road, Havant, Hampshire, PO9 2NJ Classification: Packaging & Wrapping Equipment & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A13SW (SW)	59	-	472720 107524
81	**Contemporary Trade Directory Entries** Name: Ahmarra Ltd Location: Zullard House, 4, Downley Road, Havant, Hampshire, PO9 2NJ Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	77	-	472727 107501
81	**Contemporary Trade Directory Entries** Name: Tqm Chemicals Location: Zullard House, 4, Downley Road, Havant, Hampshire, PO9 2NJ Classification: Chemicals & Allied Products **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	77	-	472727 107501

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	**Contemporary Trade Directory Entries** Name: Webb Location: Zullard House, 4, Downley Road, Havant, Hampshire, PO9 2NJ Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	77	-	472727 107501
82	**Contemporary Trade Directory Entries** Name: B Justice Location: Unit 4-10 Downley Road, Havant, Hampshire, PO9 2NJ Classification: French Polishing **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NE (N)	29	-	472841 107733
82	**Contemporary Trade Directory Entries** Name: Multitrade Supplies Ltd Location: 10, Downley Road, Havant, PO9 2NJ Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	31	-	472843 107734
82	**Contemporary Trade Directory Entries** Name: Vegeco Ltd Location: 12 Downley Road, Havant, Hampshire, PO9 2NJ Classification: Pet Foods & Animal Feeds **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (N)	60	-	472860 107759
82	**Contemporary Trade Directory Entries** Name: Architectural Louvres Products & Serves Ltd Location: UNIT C, 12, DOWNLEY ROAD, HAVANT, PO9 2NJ Classification: Ventilators & Ventilation Systems **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	65	-	472872 107760
82	**Contemporary Trade Directory Entries** Name: Closewood Ltd Location: Unit A, 12, Downley Road, Havant, PO9 2NJ Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	65	-	472843 107771
83	**Contemporary Trade Directory Entries** Name: L Kattenhorn & Partners Ltd Location: New Lane, Havant, Hampshire, PO9 2NE Classification: Asphalt & Coated Macadam Laying Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	66	-	472708 107695
84	**Contemporary Trade Directory Entries** Name: Rapid Response Solutions Ltd Location: 44a, New Lane, Havant, Hampshire, PO9 2NF Classification: Machinery - Industrial & Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	72	-	472711 107719
84	**Contemporary Trade Directory Entries** Name: Anetic Aids Ltd Location: 44, New Lane, Havant, Hampshire, PO9 2NF Classification: Medical Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	86	-	472710 107753
85	**Contemporary Trade Directory Entries** Name: Trendy Golf Ltd Location: 7, SPRING BUSINESS PARK, STANBRIDGE ROAD, HAVANT, PO9 2GJ Classification: Sports Equipment Manufacturers & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	107	-	472647 107520
85	**Contemporary Trade Directory Entries** Name: Butterick Co Ltd Location: 38, New Lane, Havant, Hampshire, PO9 2ND Classification: Pattern Makers - Industrial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	120	-	472625 107533
85	**Contemporary Trade Directory Entries** Name: Mccalls Pattern Company Ltd Location: 38, New Lane, Havant, Hampshire, PO9 2ND Classification: Pattern Makers - Industrial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	120	-	472625 107533

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	**Contemporary Trade Directory Entries** Name: Hi Tech Precision Engineering Location: Units 1-12 Downley Road, Havant, Hampshire, PO9 2NJ Classification: Precision Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	120	-	472625 107533
85	**Contemporary Trade Directory Entries** Name: Mccalls Pattern Company Location: 38 New Lane, Havant, Hampshire, PO9 2ND Classification: Pattern Makers - Industrial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	121	-	472636 107511
85	**Contemporary Trade Directory Entries** Name: Murrays Transport Location: New Lane, Havant, Hampshire, PO9 2NE Classification: Road Haulage Services **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	121	-	472636 107511
85	**Contemporary Trade Directory Entries** Name: Formaplex Location: 1, Downley Road, Havant, Hampshire, PO9 2NJ Classification: Engineers - General **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	139	-	472624 107496
85	**Contemporary Trade Directory Entries** Name: Butterick Co Ltd Location: 38, New Lane, HAVANT, Hampshire, PO9 2ND Classification: Pattern Makers - Industrial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	139	-	472624 107496
85	**Contemporary Trade Directory Entries** Name: Diamond Leisure Location: Unit L,Buttericks Building,38 New La, Havant, Hampshire, PO9 2ND Classification: Catering Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	139	-	472624 107496
85	**Contemporary Trade Directory Entries** Name: Park Life Ltd Location: 38, New Lane, Havant, Hampshire, PO9 2ND Classification: Cycle Accessories, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	139	-	472624 107496
85	**Contemporary Trade Directory Entries** Name: Car Call (Uk) Ltd Location: 1, Downley Road, Havant, Hampshire, PO9 2NJ Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	139	-	472624 107496
85	**Contemporary Trade Directory Entries** Name: Danosa Uk Location: 3 Stanbridge Road, Havant, Hampshire, PO9 2NS Classification: Felt Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	168	-	472616 107462
86	**Contemporary Trade Directory Entries** Name: Fluid Power Components Ltd Location: 13-14, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP Classification: Pneumatic Systems & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (S)	114	-	472754 107450
86	**Contemporary Trade Directory Entries** Name: Uni-Guard Fire Protection Ltd Location: 12, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP Classification: Firefighting Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	114	-	472748 107452
86	**Contemporary Trade Directory Entries** Name: Williamsons Industrial Supplies Ltd Location: 19, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP Classification: Abrasive Products - Manufacturers & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	114	-	472767 107445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	**Contemporary Trade Directory Entries** Name: Hampshire Heating Components Location: 12, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP Classification: Heat Treatment - Metals **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	114	-	472748 107452
86	**Contemporary Trade Directory Entries** Name: Oakwood Cold Transport Ltd Location: 7, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP Classification: Distribution Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	115	-	472710 107467
86	**Contemporary Trade Directory Entries** Name: Macdonald Engineering Location: 10, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	115	-	472735 107457
86	**Contemporary Trade Directory Entries** Name: Wavemar Electronics Ltd Location: 21, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP Classification: Electronic Equipment - Manufacturers & Assemblers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	116	-	472787 107435
86	**Contemporary Trade Directory Entries** Name: S G Design & Print Location: 22, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	136	-	472780 107416
86	**Contemporary Trade Directory Entries** Name: Sytec Ltd Location: 28, The Oakwood Centre, Downley Road, Havant, Hampshire, PO9 2NP Classification: Electronic Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (S)	143	-	472777 107409
87	**Contemporary Trade Directory Entries** Name: Snell Ltd Location: 1, Downley Road, Havant, Hampshire, PO9 2NJ Classification: Electronic Equipment - Manufacturers & Assemblers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	115	-	472698 107472
88	**Contemporary Trade Directory Entries** Name: Formaplex Location: Unit 1, Dakota Business Park, 14, Downley Road, Havant, Hampshire, PO9 2NJ Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	117	-	472889 107809
88	**Contemporary Trade Directory Entries** Name: Beacon Design & Engineering Ltd Location: Unit 11, Dakota Business Park, 14, Downley Road, Havant, Hampshire, PO9 2NJ Classification: Refrigeration Equipment Manufacturers & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	126	-	472918 107807
89	**Contemporary Trade Directory Entries** Name: Eaton Hydraulics Location: 46, New Lane, Havant, Hampshire, PO9 2NB Classification: Hydraulic Systems & Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (N)	162	-	472782 107884
90	**Contemporary Trade Directory Entries** Name: Aggregates & Soil Direct Location: New La, Havant, Hampshire, PO9 2JH Classification: Sand, Gravel & Other Aggregates **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	166	-	472577 107530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	**Contemporary Trade Directory Entries** Name: Active Location: 80, Nutwick Road, Havant, Hampshire, PO9 2UL Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (S)	178	-	472853 107362
92	**Contemporary Trade Directory Entries** Name: Marsh Plant Hire Ltd Location: 67, New Lane, Havant, Hampshire, PO9 2LZ Classification: Crane Hire, Sales & Service **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	195	-	472628 107831
93	**Contemporary Trade Directory Entries** Name: Park Life Location: New La, Havant, Hampshire, PO9 2ND Classification: Cycle Accessories, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	205	-	472696 107904
94	**Contemporary Trade Directory Entries** Name: Happy Days General Cleaning Co Location: 80, Rowan Road, Havant, Hampshire, PO9 2UU Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	221	-	472965 107360
95	**Contemporary Trade Directory Entries** Name: Q Vis Lighting & Security Ltd Location: 36, NEW LANE, HAVANT, PO9 2JL Classification: Lighting Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	236	-	472578 107405
96	**Contemporary Trade Directory Entries** Name: Scottish Hydro Electric Gas Location: Bartons Rd, Havant, Hampshire, PO9 5JB Classification: Electricity Companies **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	266	-	472959 107942
96	**Contemporary Trade Directory Entries** Name: Southern Electric Location: Bartons Rd, Havant, Hampshire, PO9 5JB Classification: Electricity Companies **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	266	-	472959 107942
97	**Contemporary Trade Directory Entries** Name: Nordiko Location: Unit 500, Nest Business Park, Martin Road, Havant, PO9 5TL Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	270	-	472539 107820
98	**Contemporary Trade Directory Entries** Name: Senator Press Location: 4, HAYWARD BUSINESS CENTRE, NEW LANE, HAVANT, PO9 2NL Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	273	-	472569 107363
98	**Contemporary Trade Directory Entries** Name: Spur Electron Ltd Location: Hayward House, 2a-2b, Hayward Business Centre, New Lane, Havant, Hampshire, PO9 2NL Classification: Printed Circuit Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	282	-	472537 107380
98	**Contemporary Trade Directory Entries** Name: Zero 21 Location: Hayward Business Centre, New Lane, Havant, PO9 2NL Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	286	-	472565 107350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	**Contemporary Trade Directory Entries** Name: Colt Service Ltd Location: New Lane, Havant, Hampshire, PO9 2LY Classification: Ventilators & Ventilation Systems **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	275	-	472670 107970
99	**Contemporary Trade Directory Entries** Name: Colt International Location: New Lane, Havant, Hampshire, PO9 2LY Classification: Ventilators & Ventilation Systems **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	275	-	472670 107970
100	**Contemporary Trade Directory Entries** Name: Westover Flight Technology Ltd Location: Hayward Ho,Hayward Business Centre,New La, Havant, Hampshire, PO9 2NL Classification: Printed Circuit Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	301	-	472516 107374
100	**Contemporary Trade Directory Entries** Name: Teffont Business Systems Location: 10, Hayward Business Centre, New Lane, Havant, PO9 2NL Classification: Office Equipment Servicing & Maintenance **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	330	-	472548 107308
100	**Contemporary Trade Directory Entries** Name: Big Fish Ltd Location: 10, Hayward Business Centre, New Lane, Havant, Hampshire, PO9 2NL Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	331	-	472548 107308
100	**Contemporary Trade Directory Entries** Name: Long & Marshall Ltd Location: 1, Hayward Business Centre, New Lane, Havant, Hampshire, PO9 2NL Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	334	-	472509 107334
101	**Contemporary Trade Directory Entries** Name: Domestic Heaven Location: Horsebridge Rd, Havant, Hampshire, PO9 2LH Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12SE (W)	314	-	472422 107599
102	**Contemporary Trade Directory Entries** Name: Howdens Joinery Location: 7-8, Hayward Business Centre, New Lane, Havant, Hampshire, PO9 2NL Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	314	-	472622 107288
103	**Contemporary Trade Directory Entries** Name: Season Electronics Location: Unit 600, Nest Business Park, Martin Road, Havant, Hampshire, PO9 5TL Classification: Electronic Component Manufacturers & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	318	-	472488 107824
104	**Contemporary Trade Directory Entries** Name: Havant Mower Services Location: Bartons Rd, Havant, Hampshire, PO9 5NA Classification: Lawnmowers & Garden Machinery - Sales & Service **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14NW (NE)	395	-	473166 107968
105	**Contemporary Trade Directory Entries** Name: Sperry Rail Ltd Location: 100 Nest Business Pk,Martin Rd, Havant, Hampshire, PO9 5TL Classification: Ultrasonic Equipment Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	403	-	472493 107995
106	**Contemporary Trade Directory Entries** Name: Neal Simpson & Sons Location: 77, Hornbeam Road, Havant, Hampshire, PO9 2UT Classification: Cladding Suppliers & Installers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NE (S)	432	-	473000 107140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	**Contemporary Trade Directory Entries** Name: Pfizer Location: 32, New Lane, Havant, Hampshire, PO9 2NG Classification: Laboratories **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	437	-	472466 107236
108	**Contemporary Trade Directory Entries** Name: Aquila Location: Flat 4, Helmsley House, Bartons Road, Havant, Hampshire, PO9 5NB Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	448	-	473256 107945
108	**Contemporary Trade Directory Entries** Name: Aquila Location: Flat 4, Helmsley House, Bartons Road, Havant, Hampshire, PO9 5NB Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	448	-	473256 107945
109	**Contemporary Trade Directory Entries** Name: T & L'S Clean Team Location: 33, Sharps Road, Havant, Hampshire, PO9 5QJ Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	451	-	472796 108173
109	**Contemporary Trade Directory Entries** Name: Domestic Cleaning Location: 33, Sharps Road, Havant, Hampshire, PO9 5QJ Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	451	-	472796 108173
110	**Contemporary Trade Directory Entries** Name: Freedom Joinery Location: 21, St. Albans Road, Havant, Hampshire, PO9 2JP Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	479	-	472302 107376
111	**Contemporary Trade Directory Entries** Name: Barry'S Carpet Cleaning Services Location: Flat 47, Chichester House, Lockerley Road, Havant, Hampshire, PO9 2LD Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (W)	521	-	472235 107432
112	**Contemporary Trade Directory Entries** Name: Mydreamclean Location: 18, Juventu Close, Havant, Hampshire, PO9 2HW Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (W)	588	-	472154 107487
113	**Contemporary Trade Directory Entries** Name: Matkins Location: 42, Lockerley Road, Havant, Hampshire, PO9 2HE Classification: Washing Machines - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	592	-	472191 107347
114	**Contemporary Trade Directory Entries** Name: Sumika Location: 28, New Lane, Havant, PO9 2NQ Classification: Plastics - Raw Materials **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	607	-	472407 107069
114	**Contemporary Trade Directory Entries** Name: Sumika Location: 28, New Lane, HAVANT, Hampshire, PO9 2NQ Classification: Plastics - Raw Materials **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	608	-	472407 107069
115	**Contemporary Trade Directory Entries** Name: 1st Aat Location: 15, Abbotstone Avenue, Havant, Hampshire, PO9 2HL Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	645	-	472091 107550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	**Contemporary Trade Directory Entries** Name: Scottish Hydro Electric Plc Location: Bartons Rd, Havant, Hampshire, PO9 5JB Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	657	-	472254 108102
117	**Contemporary Trade Directory Entries** Name: Prospect Machinery Moving Location: 42, Oakshott Drive, Havant, Hampshire, PO9 5SN Classification: Machinery - Industrial & Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (NW)	694	-	472507 108356
118	**Contemporary Trade Directory Entries** Name: Portbury Logistics Location: 1-3, Kenwood Business Park, New Lane, Havant, Hampshire, PO9 2NH Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	723	-	472470 106908
119	**Contemporary Trade Directory Entries** Name: West Leigh Service Station Location: Petersfield Road, Havant, Hampshire, PO9 5HA Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	739	-	472079 107933
119	**Contemporary Trade Directory Entries** Name: Motorwork Location: West Leigh Service Station, Petersfield Road, Havant, Hampshire, PO9 5HA Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	739	-	472079 107933
120	**Contemporary Trade Directory Entries** Name: Kenwood Customer Experience Location: 1-3, Kenwood Business Park, New Lane, Havant, PO9 2NH Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	788	-	472412 106862
120	**Contemporary Trade Directory Entries** Name: Allport Packaging Ltd Location: 4, Kenwood Business Park, New Lane, Havant, Hampshire, PO9 2NT Classification: Packaging & Wrapping Equipment & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	790	-	472431 106852
121	**Contemporary Trade Directory Entries** Name: B S Services Location: 5, Sherfield Avenue, Havant, Hampshire, PO9 5HS Classification: Washing Machines - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	850	-	472092 108208
122	**Contemporary Trade Directory Entries** Name: Autotek Mobile Services Location: 3, Bedhampton Way, Havant, Hampshire, PO9 2DJ Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	854	-	471916 107338
123	**Contemporary Trade Directory Entries** Name: Itk Services Location: 6, Fern Drive, Havant, Hampshire, PO9 2YH Classification: T-Shirts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	858	-	472155 106948
123	**Contemporary Trade Directory Entries** Name: Itk Services Location: 6, Fern Drive, Havant, Hampshire, PO9 2YH Classification: T-Shirts **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	858	-	472155 106948
124	**Contemporary Trade Directory Entries** Name: Tinkers Location: 64, Billy Lawn Avenue, Havant, Hampshire, PO9 5HJ Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	868	-	472005 108094

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	**Contemporary Trade Directory Entries** Name: The Oaks Havant Crematorium Location: Bartons Road, Havant, Hampshire, PO9 5NA Classification: Cemeteries & Crematoria **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NE (NE)	890	-	473497 108336
126	**Contemporary Trade Directory Entries** Name: Genesis Care Location: Bartons Road, Havant, Hampshire, PO9 5NP Classification: Hospitals **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	892	-	473622 108196
126	**Contemporary Trade Directory Entries** Name: Spire Hospital Location: Portsmouth Hospital, Bartons Road, Havant, PO9 5NP Classification: Hospitals **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	892	-	473622 108196
126	**Contemporary Trade Directory Entries** Name: Spire Portsmouth Hospital Location: Portsmouth Hospital, Bartons Road, Havant, Hampshire, PO9 5NP Classification: Hospitals **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	897	-	473614 108217
126	**Contemporary Trade Directory Entries** Name: Spire Portsmouth Hospital Location: Portsmouth Hospital, Bartons Road, Havant, Hampshire, PO9 5NP Classification: Hospitals **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	897	-	473614 108217
126	**Contemporary Trade Directory Entries** Name: Spire Portsmouth Hospital Location: Bartons Road, Havant, Hampshire, PO9 5NP Classification: Hospitals **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	897	-	473614 108217
127	**Contemporary Trade Directory Entries** Name: Hollybank Location: Hollybank, 10, Lavant Drive, Havant, PO9 2AW Classification: Hospitals **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	899	-	472069 106976
128	**Contemporary Trade Directory Entries** Name: M J Mack Location: 10, Itchen Road, Havant, Hampshire, PO9 5LR Classification: Boatbuilders & Repairers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	908	-	472960 108614
129	**Contemporary Trade Directory Entries** Name: Stockheath Pest Control Location: 15, Stockheath Way, Havant, Hampshire, PO9 2DR Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	916	-	471824 107485
129	**Contemporary Trade Directory Entries** Name: Ornemental-Plus Location: 9, Stockheath Way, Havant, Hampshire, PO9 2DR Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	933	-	471808 107473
130	**Contemporary Trade Directory Entries** Name: Gray'S Barn Motors Location: 7, Exbury Road, Havant, PO9 5JA Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	923	-	472209 108439
131	**Contemporary Trade Directory Entries** Name: 1st A1 Location: 219, Wakefords Way, Havant, Hampshire, PO9 5JW Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SE (N)	940	-	472839 108661

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	**Contemporary Trade Directory Entries** Name: Stephen Anthony Design Ltd Location: Unit 4,Southleigh Farm,Southleigh Rd, Havant, Hampshire, PO9 2NX Classification: Cabinet Makers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	943	-	473700 107162
133	**Contemporary Trade Directory Entries** Name: Indust Klen Location: 11, Woodlands Way, Havant, Hampshire, PO9 2EA Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A11SE (W)	953	-	471782 107589
134	**Contemporary Trade Directory Entries** Name: Southleigh Landfill Site Location: Badgers Cottage, Emsworth Common Road, HAVANT, Hampshire, PO9 2PB Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	1000	-	473800 108104
135	**Fuel Station Entries** Name: Westleigh Service Station Location: Petersfield Road , , Havant, Hampshire, PO9 5HA Brand: Unbranded Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A12NW (W)	739	-	472079 107933

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	**Ancient Woodland** Name: Not Supplied Reference: 1490506 Area(m²): 124281.38 Type: Ancient and Semi-Natural Woodland	A18SE (NE)	491	10	473089 108132
137	**Nitrate Vulnerable Zones** Name: Chichester,Langstone And Portsmouth Harbours Eutrophic Nvz (Trac) Description: Eutrophic Water Source: Environment Agency, Head Office	A13NW (NW)	0	4	472814 107631
138	**Nitrate Vulnerable Zones** Name: Warblington Stream - No.2 Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (E)	161	4	473050 107591

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
Portsmouth City Council - Health and Trading Standards	October 2017	Annual Rolling Update
Chichester District Council - Environmental Health Department	September 2017	Annual Rolling Update
East Hampshire District Council - Environmental Health Department	September 2017	Annual Rolling Update
Havant Borough Council - Environmental Health Department	September 2017	Annual Rolling Update
Winchester City Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Southern Region	July 2023	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Southern Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Solent & South Downs Area	January 2023	Quarterly
Environment Agency - Southern Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Portsmouth City Council - Environmental Health Department	August 2014	Variable
East Hampshire District Council - Environmental Health Department	December 2014	Variable
Winchester City Council - Environmental Health Department	December 2014	Variable
Havant Borough Council - Environmental Health Department	December 2015	Variable
Chichester District Council - Environmental Health Department	October 2014	Variable
Local Authority Pollution Prevention and Controls		
Portsmouth City Council - Environmental Health Department	August 2014	Not Applicable
East Hampshire District Council - Environmental Health Department	December 2014	Annual Rolling Update
Winchester City Council - Environmental Health Department	December 2014	Annual Rolling Update
Havant Borough Council - Environmental Health Department	December 2015	Annual Rolling Update
Chichester District Council - Environmental Health Department	October 2014	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Portsmouth City Council - Environmental Health Department	August 2014	Variable
East Hampshire District Council - Environmental Health Department	December 2014	Variable
Winchester City Council - Environmental Health Department	December 2014	Variable
Havant Borough Council - Environmental Health Department	December 2015	Variable
Chichester District Council - Environmental Health Department	October 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	August 2023	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Southern Region	June 2016	As notified
Environment Agency - Head Office	May 2023	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Solent & South Downs Area	July 2023	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	July 2023	Quarterly
Environment Agency - Southern Region - Solent and South Downs	July 2023	Quarterly
Environment Agency - Southern Region - Sussex Area	July 2023	Quarterly
Water Abstractions		
Environment Agency - Southern Region	April 2023	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk		
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified
Source Protection Zones		
Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	August 2023	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	August 2023	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	August 2023	Quarterly
Flood Defences		
Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines		
Ordnance Survey	July 2023	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Solent & South Downs Area	July 2023	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	July 2023	Quarterly
Environment Agency - Southern Region - Solent and South Downs	July 2023	Quarterly
Environment Agency - Southern Region - Sussex Area	July 2023	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	January 2023	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	January 2023	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2023	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2023	Quarterly
Local Authority Landfill Coverage		
Chichester District Council - Environmental Health Department	February 2003	Not Applicable
East Hampshire District Council	February 2003	Not Applicable
Hampshire County Council - Minerals and Waste Planning	February 2003	Not Applicable
Havant Borough Council - Environmental Health Department	February 2003	Not Applicable
Portsmouth City Council - Environmental Health Department	February 2003	Not Applicable
West Sussex County Council - Environment & Development	February 2003	Not Applicable
Winchester City Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Chichester District Council - Environmental Health Department	October 2018	
East Hampshire District Council	October 2018	
Hampshire County Council - Minerals and Waste Planning	October 2018	
Havant Borough Council - Environmental Health Department	October 2018	
Portsmouth City Council - Environmental Health Department	October 2018	
West Sussex County Council - Environment & Development	October 2018	
Winchester City Council - Environmental Health Department	October 2018	
Registered Landfill Sites		
Environment Agency - Southern Region - Hampshire Area	March 2006	Not Applicable
Environment Agency - Southern Region - Solent and South Downs	March 2006	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Hampshire Area	April 2018	
Environment Agency - Southern Region - Solent and South Downs	April 2018	
Environment Agency - Southern Region - Sussex Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Hampshire Area	June 2015	
Environment Agency - Southern Region - Solent and South Downs	June 2015	
Environment Agency - Southern Region - Sussex Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Chichester District Council - Planning Department	April 2023	Variable
Havant Borough Council - Commercial Team	August 2023	Variable
Portsmouth City Council - Planning Office	February 2016	Variable
Hampshire County Council - Minerals and Waste Planning	July 2023	Variable
Winchester City Council - Planning Department	June 2023	Variable
East Hampshire District Council	May 2023	Variable
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Planning Hazardous Substance Consents		
Chichester District Council - Planning Department	February 2016	Variable
East Hampshire District Council	February 2016	Variable
Hampshire County Council - Minerals and Waste Planning	February 2016	Variable
Havant Borough Council - Commercial Team	February 2016	Variable
Portsmouth City Council - Planning Office	February 2016	Variable
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Winchester City Council - Planning Department	October 2015	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	July 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt		
Chichester District Council	August 2023	Quarterly
East Hampshire District Council	August 2023	Quarterly
Havant Borough Council - Commercial Team	August 2023	Quarterly
Portsmouth City Council - Planning Office	August 2023	Quarterly
South Downs National Park	August 2023	Quarterly
Winchester City Council	August 2023	Quarterly
Areas of Unadopted Green Belt		
Chichester District Council	August 2023	Quarterly
East Hampshire District Council	August 2023	Quarterly
Havant Borough Council - Commercial Team	August 2023	Quarterly
Portsmouth City Council - Planning Office	August 2023	Quarterly
South Downs National Park	August 2023	Quarterly
Winchester City Council	August 2023	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas		
Natural England	August 2023	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Natural England	August 2023	Bi-Annually
Marine Nature Reserves		
Natural England	April 2023	Bi-Annually
National Nature Reserves		
Natural England	February 2023	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	March 2023	Bi-Annually
Ramsar Sites		
Natural England	March 2023	Bi-Annually
Sites of Special Scientific Interest		
Natural England	March 2023	Bi-Annually
Special Areas of Conservation		
Natural England	April 2023	Bi-Annually
Special Protection Areas		
Natural England	April 2023	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Havant Borough Council - Environmental Health Department** Public Service PLaza, Civic Centre Road, Havant, Hampshire, PO9 2AX	Telephone: 023 9244 6677 Email: env.services@havant.gov.uk Website: www.havant.gov.uk
4	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	**Hampshire County Council - Minerals and Waste Planning** Room 130, Ashburton Court West, The Castle, Winchester, Hampshire, SO23 8UD	Telephone: 01962 841841 Fax: 01962 847055 Website: www.hants.gov.uk
7	**East Hampshire District Council** Penns Place, Petersfield, Hampshire, GU31 4EX	Telephone: 01730 266551 Fax: 01730 267366 Website: www.easthants.gov.uk
8	**Health and Safety Executive** 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
9	**Havant Borough Council - Commercial Team** Civic Offices, Civic Centre Road, Havant, Hampshire, PO9 2AX	Telephone: 02392 474174 Fax: 02392 446659 Website: www.havant.gov.uk
10	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

- Gravel Pit
- Sand Pit
- Other Pits
- Quarry
- Shingle
- Orchard
- Osiers
- Reeds
- Marsh
- Mixed Wood
- Deciduous
- Brushwood
- Fir
- Furze
- Rough Pasture
- Arrow denotes flow of water
- Trigonometrical Station
- Site of Antiquities
- Bench Mark
- Pump, Guide Post, Signal Post
- Well, Spring, Boundary Post
- ·285 Surface Level
- Sketched Contour
- Instrumental Contour
- Main Roads (Fenced / Un-Fenced)
- Minor Roads (Fenced / Un-Fenced)
- Sunken Road
- Raised Road
- Road over Railway
- Railway over River
- Railway over Road
- Level Crossing
- Road over River or Canal
- Road over Stream
- Road over Stream
- County Boundary (Geographical)
- County & Civil Parish Boundary
- Administrative County & Civil Parish Boundary
- Co. Boro. Bdy. County Borough Boundary (England)
- Co. Burgh Bdy. County Burgh Boundary (Scotland)
- R.D. Bdy. 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
- Direction of Flow of Water: Shingle, Sand
- Glasshouse
- Pylon
- Sloping Masonry
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- Standard Gauge Multiple Track
- Road Under / Road Over / Level Crossing / Foot Bridge
- 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	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

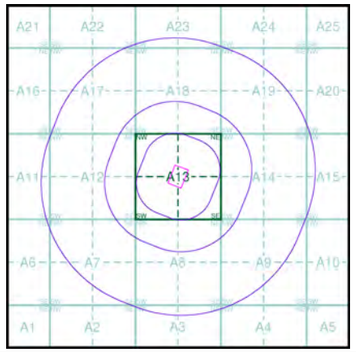
- Gravel Pit
- Refuse tip or slag heap
- Rock
- Rock (scattered)
- Boulders
- Boulders (scattered)
- Shingle
- Mud
- Sand
- Sand Pit
- Slopes
- Top of cliff
- General detail
- Underground detail
- Overhead detail
- Narrow gauge railway
- Multi-track railway
- Single track railway
- County boundary (England 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)
- BM 123.45 m 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

TRC

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1870	2
Sussex	1:10,560	1879 - 1880	3
Hampshire & Isle Of Wight	1:10,560	1898	4
Sussex	1:10,560	1899	5
Hampshire & Isle Of Wight	1:10,560	1910	6
Sussex	1:10,560	1914	7
Sussex	1:10,560	1914	8
Sussex	1:10,560	1914	9
Hampshire & Isle Of Wight	1:10,560	1932	10
Sussex	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
Hampshire & Isle Of Wight	1:10,560	1933	15
Hampshire & Isle Of Wight	1:10,560	1933	16
Hampshire & Isle Of Wight	1:10,560	1938 - 1942	17
Ordnance Survey Plan	1:10,000	1963	18
Ordnance Survey Plan	1:10,000	1966	19
Ordnance Survey Plan	1:10,000	1975	20
Ordnance Survey Plan	1:10,000	1992	21
10K Raster Mapping	1:10,000	2000	22
Street View	Variable		23

Historical Map - Slice A



N

Order Details

Order Number: 317423603_1_1
Customer Ref: 562241
National Grid Reference: 472810, 107630
Slice: A
Site Area (Ha): 1.71
Search Buffer (m): 1000

Site Details

Downley Road, HAVANT, PO9 2JD

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Tel: 0844 844 9952
Fax: 0844 844 9951
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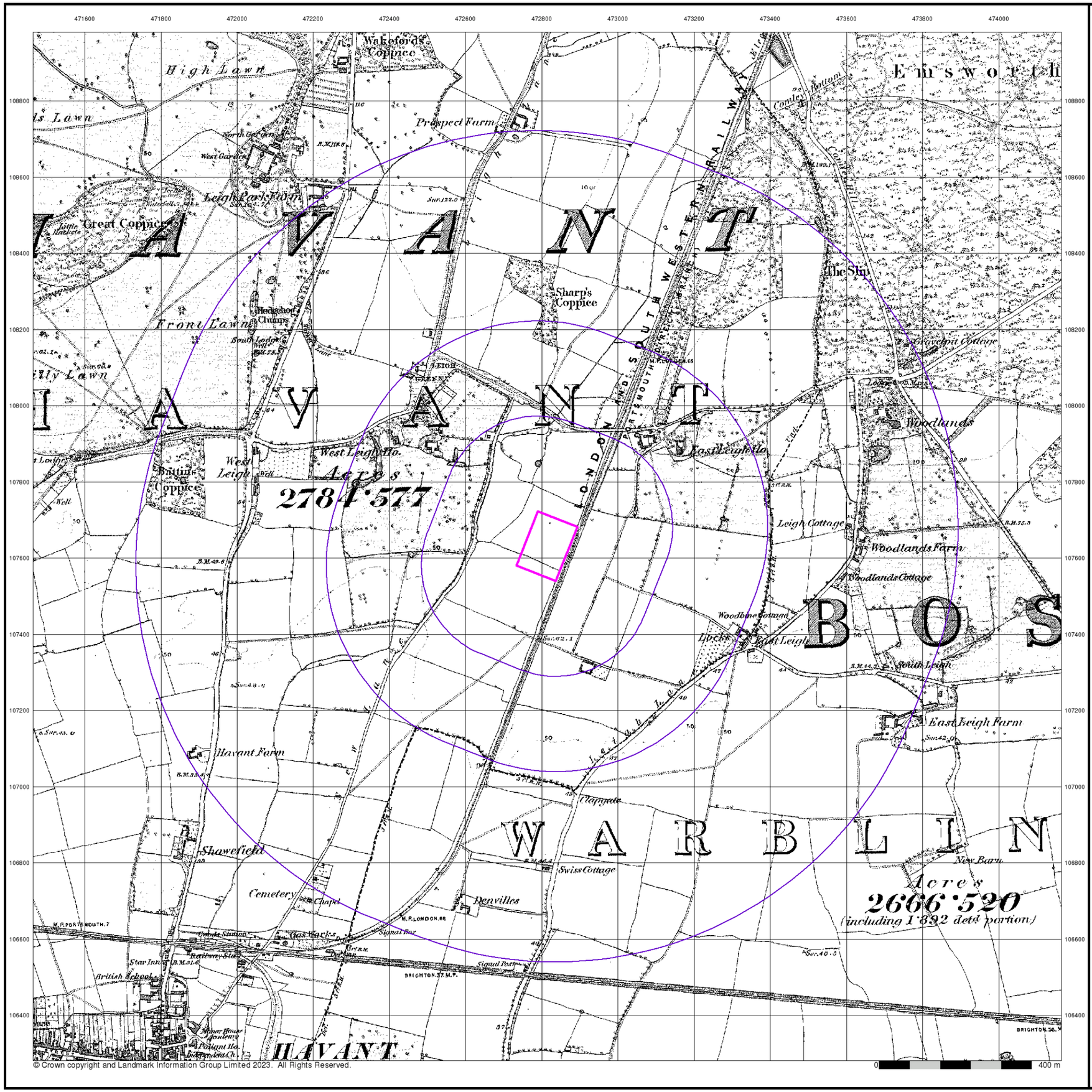

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TRC

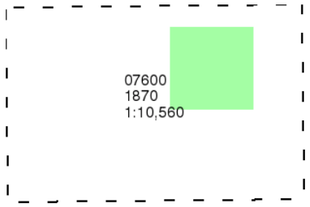
Hampshire & Isle Of Wight

Published 1870

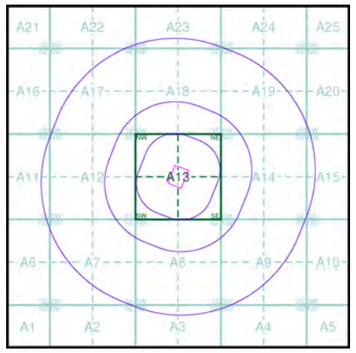
Source map scale - 1:10,560

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



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Order Number:	317423603_1_1
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Search Buffer (m):	1000

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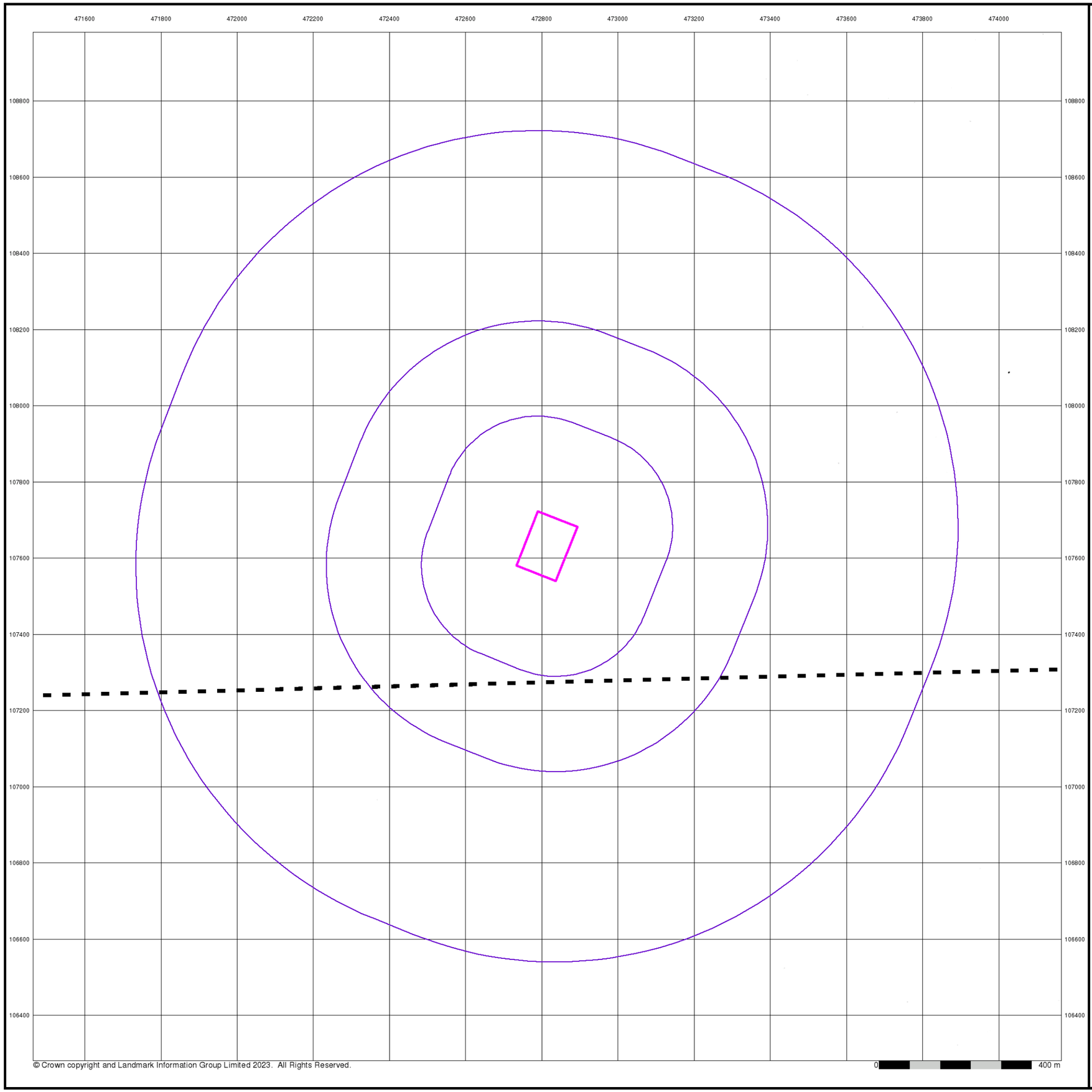

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Sussex

Published 1879 - 1880

Source map scale - 1:10,560

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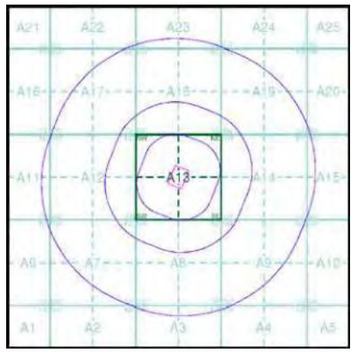
Map Name(s) and Date(s)

04700
1880

Historical Map - Slice A



Order Details

Order Number:	317423603_1_1
Customer Ref:	562241
National Grid Reference:	472810, 107630
Slice:	A
Site Area (Ha):	1.71
Search Buffer (m):	1000

Site Details

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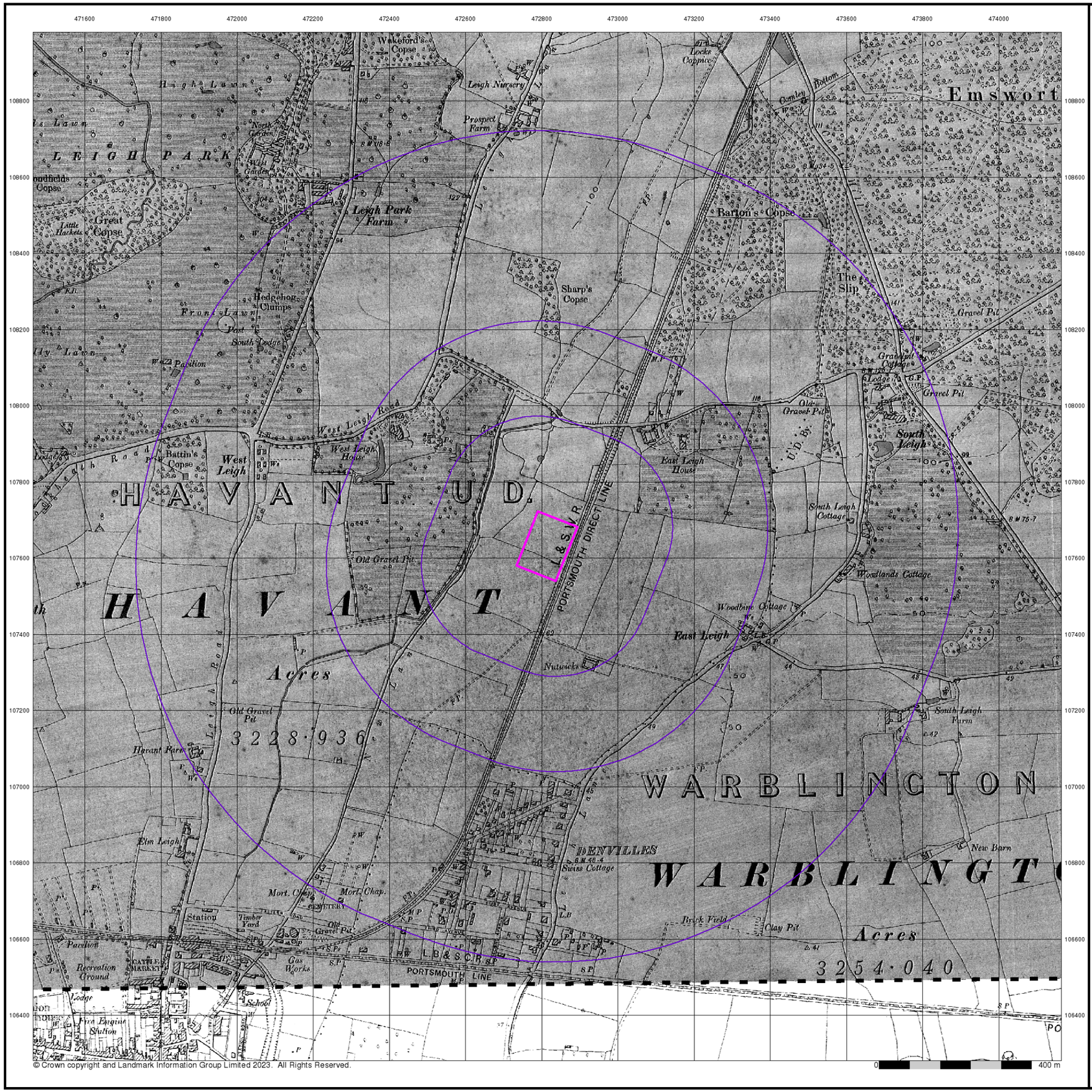

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Hampshire & Isle Of Wight

Published 1898

Source map scale - 1:10,560

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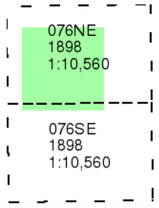
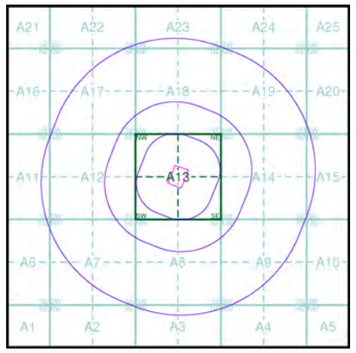
Map Name(s) and Date(s)



Historical Map - Slice A



N

Order Details

Order Number:	317423603_1_1
Customer Ref:	562241
National Grid Reference:	472810, 107630
Slice:	A
Site Area (Ha):	1.71
Search Buffer (m):	1000

Site Details

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Fax: 0844 844 9951
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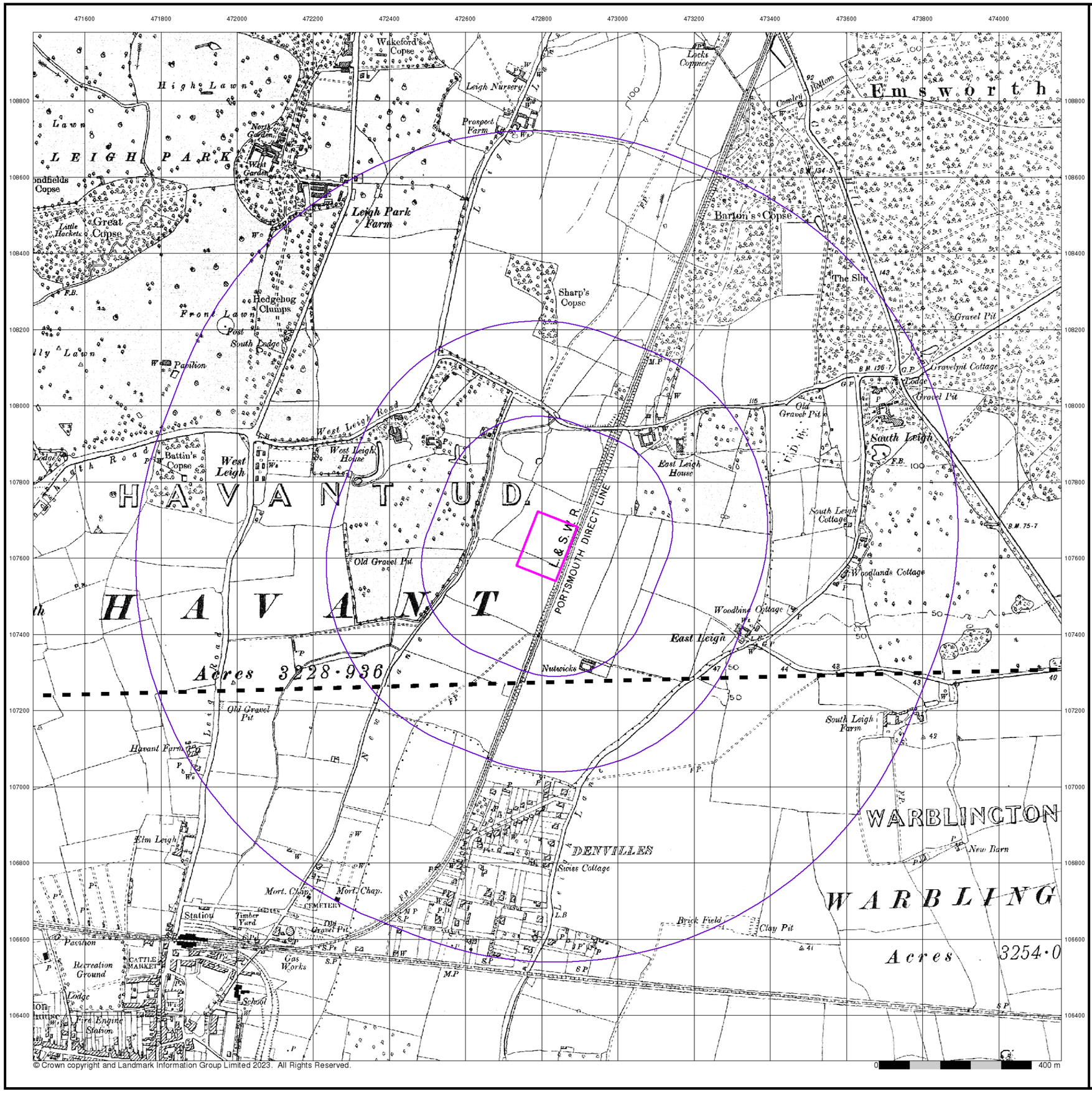

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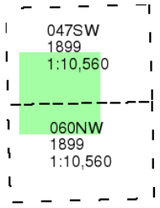
Sussex

Published 1899

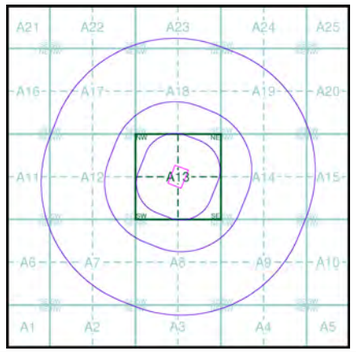
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



N

Order Details

Order Number:	317423603_1_1
Customer Ref:	562241
National Grid Reference:	472810, 107630
Slice:	A
Site Area (Ha):	1.71
Search Buffer (m):	1000

Site Details

Downley Road, HAVANT, PO9 2JD

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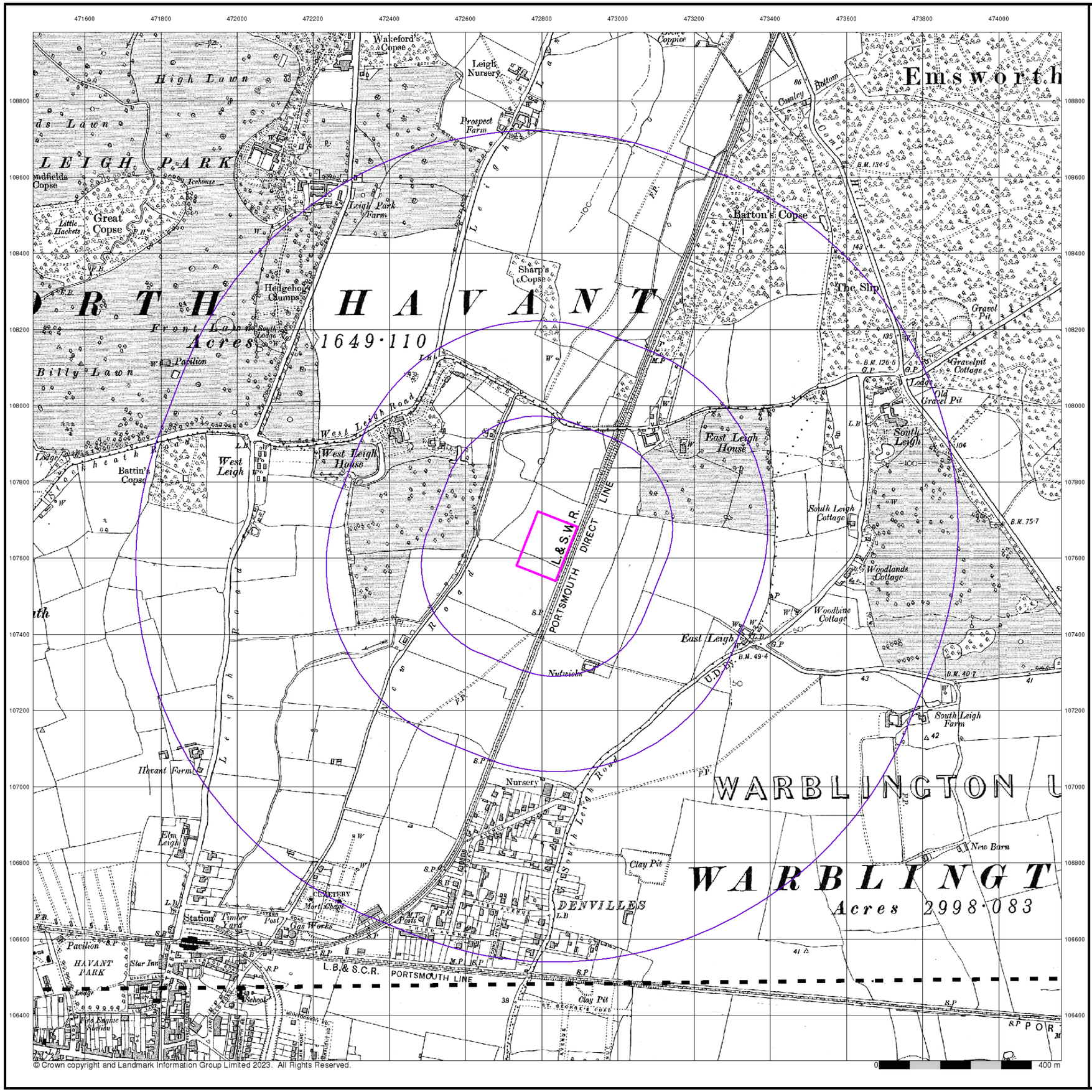

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Hampshire & Isle Of Wight

Published 1910

Source map scale - 1:10,560

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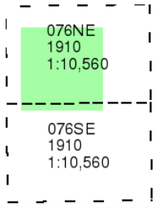

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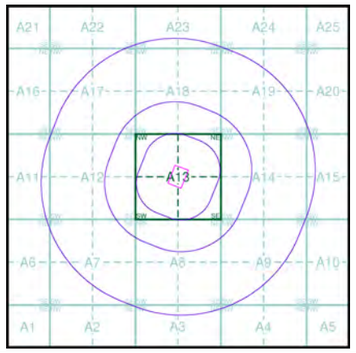

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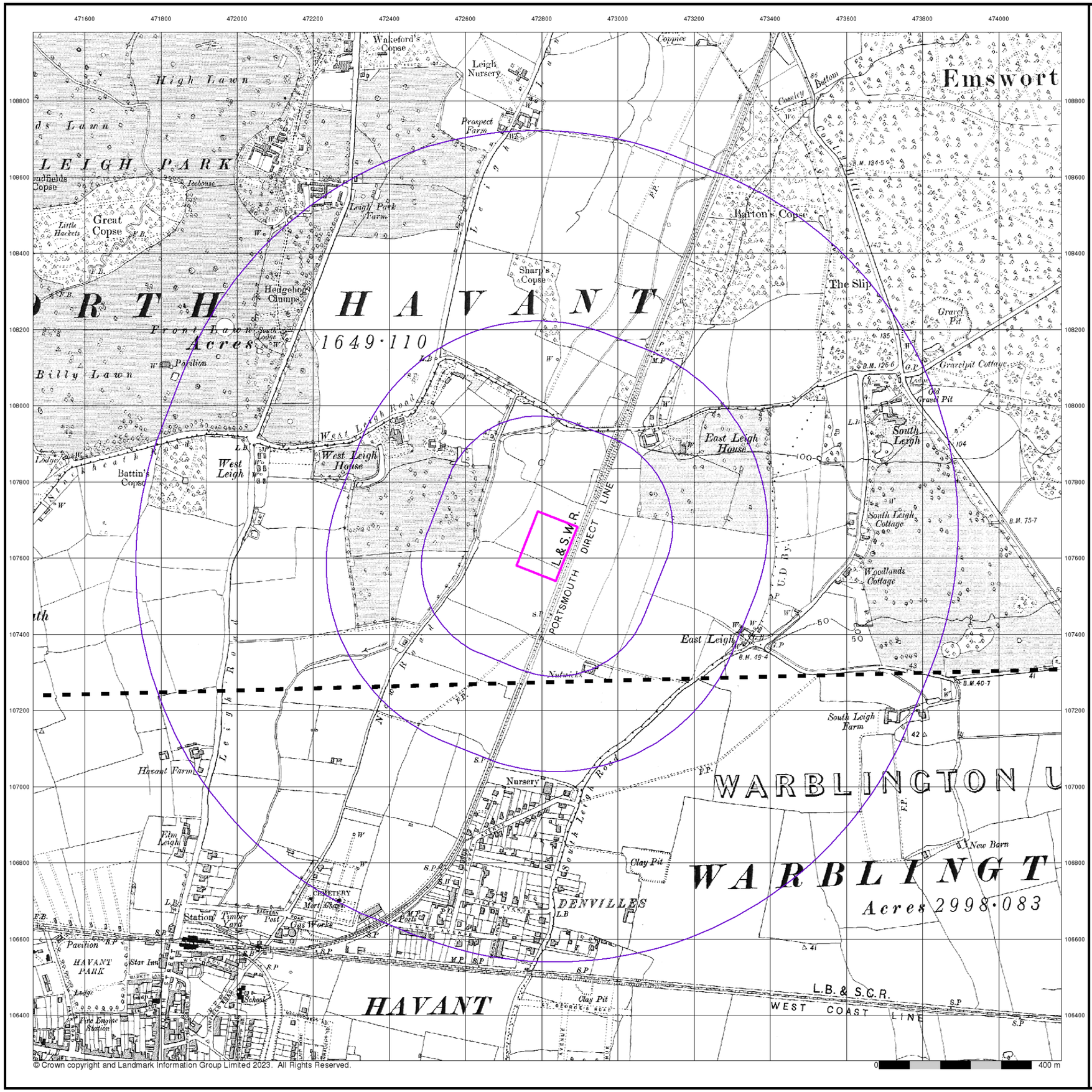

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TRC

Sussex

Published 1914

Source map scale - 1:10,560

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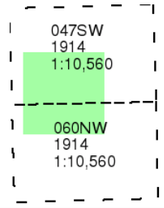
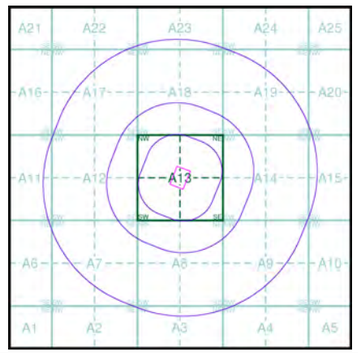


Historical Map - Slice A



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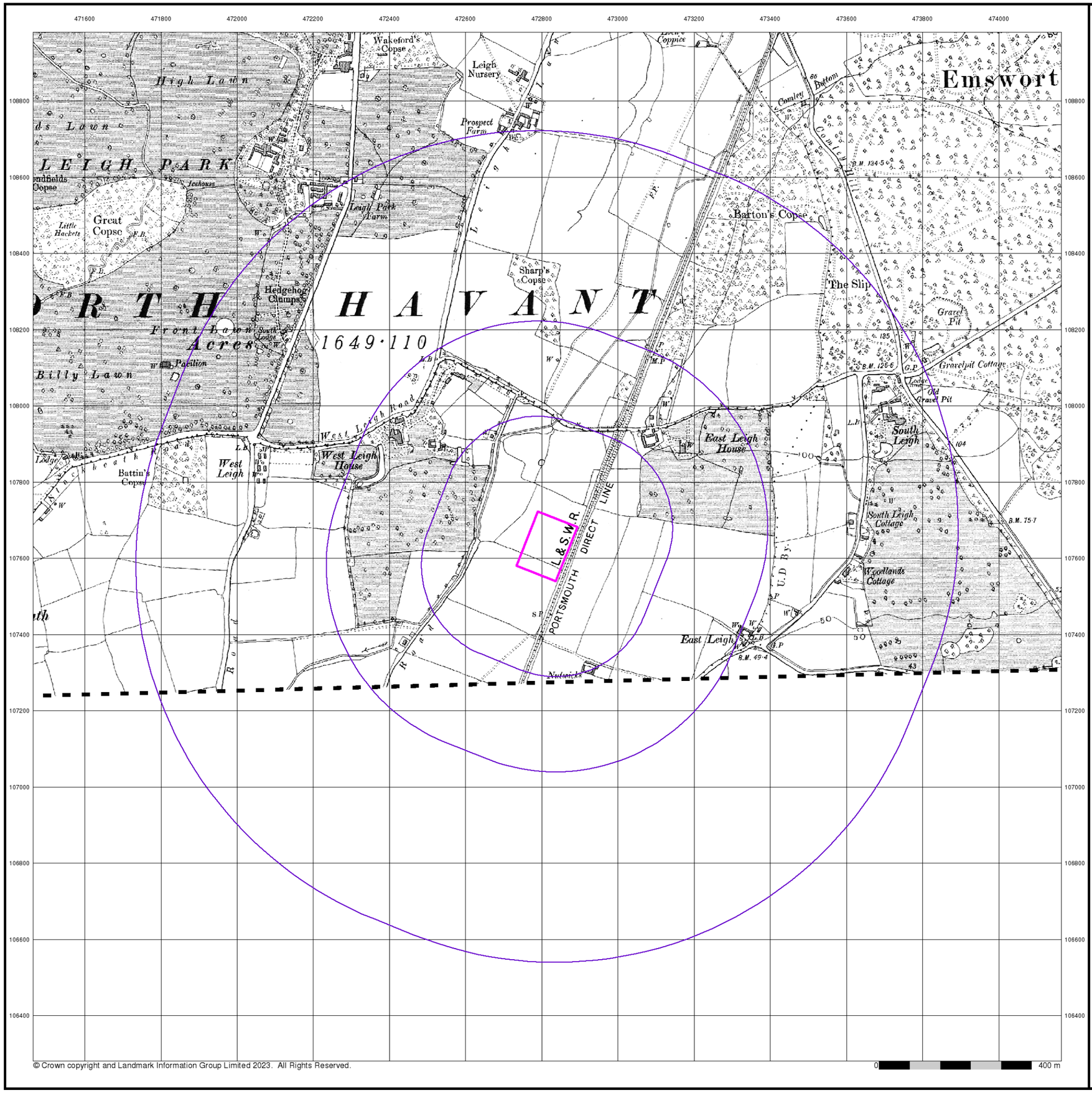

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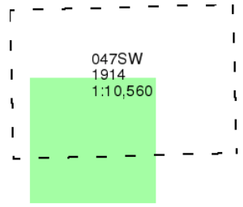

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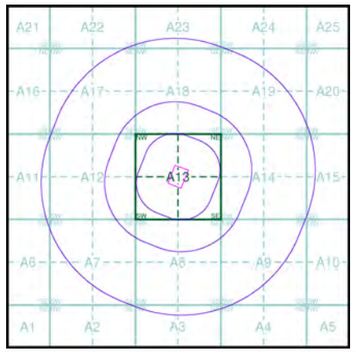

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