

Preliminary Investigation Report

at

Nightingale Avenue, Eastleigh, Hampshire SO50 9JA

for

Doswell Projects

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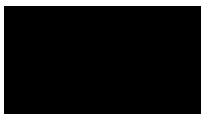
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Current regulations and good practice were used in the preparation of this report. The recommendations given in this report must be reviewed by an appropriately qualified person at the time of preparation of the scheme design to ensure that any recommendations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

Commission

Soils Limited were commissioned by Doswell Projects to provide an update to a Preliminary Investigation Report for the site referred to as Nightingale Avenue, Eastleigh, Hampshire SO50 9JA to reflect a change in the proposed development scheme. The original report (Ref: 19473/PIR) was commissioned by Vivid Homes Limited and full reliance on the original report by Doswell Projects was in the process of being obtained at the time of this update. The scope of the investigation was outlined in the Soils Limited quotation reference Q24753 rev 102, dated 7th June 2021. Updates to the report were agreed within the Soils Limited quotation reference Q27649, dated 17th April 2023.

Caveat

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

Without a drainage survey it is not possible to establish if the surface water drainage is to the main drainage system or to soakaways. If there are soakaways on-site, they could act as a potential source. The geology on-site to an extent may determine if soakaways were likely to have been adopted.

This Preliminary Investigation does not include a detailed UXO risk assessment, it does however contain a basic assessment in accordance with CIRIA C681 and C785. In preparing a Preliminary Investigation reference is made to historical maps and web-based sources to assess the risk of the site potentially having been impacted by bombing during the World Wars. The data readily available is not necessarily definitive. Certain areas were bombed heavily such as centres of industrial manufacture, airfields, shipyards, docklands, railways sidings and junctions. The assessment is based on the likely area risk, bomb patterns (i.e. lines of recorded bomb impacts with gaps where an impact would be anticipated) and the age of structures on and in close proximity to the site.

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Section I Introduction

I.1 Objective

The Preliminary Investigation Report was undertaken to advise the client on the risk pertaining to the site, with special reference to historic and current potential contaminative activities and processes. This also included the assessment of their impact on current and future sensitive receptors such as human health, controlled waters, ecological features, building structures and services.

I.2 Site Location

The site was located at Nightingale Avenue, Eastleigh, Hampshire SO50 9JA and had an O.S Land Ranger Grid Reference of SU 44141 18377.

The site location map is presented in Figure 1 and the full Site Walkover is discussed in Section 1.6 of this report.

I.3 Proposed Development

At the time of reporting, the new proposed development scheme was to comprise clearance and demolition of on-site structures and subsequent construction of a two-storey residential property. The proposal included areas of hard landscaping for access road, parking and pavements and areas of soft landscaping to include private gardens.

In compiling this report reliance was placed on drawing number 22206 – P10 dated 29th March 2023 prepared by OSP Architecture. The recommendations provided within this report are made exclusively in relation to the scheme outlined above and must not be applied to any other scheme without further consultation with Soils Limited. Soils Limited must be notified about any change or deviation from the scheme outlined.

The proposed development plans have been provided in Appendix A.

I.4 Legislation and Liability

The primary legislative mechanism for contaminated land management in the UK is Part 2A of the Environmental Protection Act, 2021 (EPA). Part 2A was introduced into the EPA under Section 57 of the Environment Act 1995 to help deal with the substantial legacy of land contamination. The legislation provides powers in relation to the identification, remediation and apportionment of liability for contaminated land. Part 2A applies where there is unacceptable risk, assessed on the basis of the current use and the relevant circumstances of the land. It is not directed to assessing risks in relation to a future use of the land that would require a specific grant of planning permission.

Under Part IIA of the Environment Act 2021, Local Authorities are required to identify contaminated land and serve on every person who is an appropriate person a remediation notice setting out what is to be done by way of remediation and the period within which it must be done.

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

Under the legislation, Contaminated Land is defined as: -

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

Where the Act defines harm as:

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

and pollution of controlled waters is defined as: -

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

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

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

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

1.5 Limitations and Disclaimers

This Preliminary Investigation Report relates to the site located at Nightingale Avenue, Eastleigh, Hampshire SO50 9JA and was prepared for the sole benefit of Doswell Projects (The “Client”) for the brief described in the Commission of this report.

The contents, recommendations and advice given in the report are subject to the Terms and Conditions given in Q27649, dated 17th April 2023 as accepted by the client in the associated signed Job Order Form as well ensuring formal reliance on the original report and the data within, as commissioned by Vivid Housing Limited, has been obtained.

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

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

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

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

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

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

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

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

It should be noted that a detailed survey of the possible presence or absence of invasive species, such as Japanese Knotweed, is outside of the scope of investigation.

Ownership of land brings with it onerous legal liabilities in respect of harm to the environment. "Contaminated Land" is defined in Section 57 of the Environment Act 2021.

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

All works are undertaken in the context of, and in compliance with, BS10175+A2 2017 and LCRM (EA 2021) and all other pertinent planning, standards, documentation and guidance appropriate to the site at the time of production which may include, but are not necessarily limited to, documents provided by BS/CEN/ISO, NHBC, AGS, CIEH, CIRIA, SoBRA and CLAIRE.

Ownership of copyright of all printed material including reports, survey data, drawings, laboratory test results, trial pit and borehole log sheets, including drillers log sheets remains with Soils Limited. License is for the sole use of the client and may not be assigned, transferred or given to a third party. This license is only valid once we have been paid in full for this engagement. In the event of non-payment for our services, we reserve the right to retract the license for all project data, preventing their use and any reliance upon such data by the client or any other third party. We may also contact parties other than the client to notify them of this retraction.

1.6 Site Walkover

A site walkover was undertaken in June 2021 for the original report, by Soils Limited. During the site walkover observations were made in relation to current activities, evidence of historical activities, sources of potential contamination such as fuel storage tanks, oil drums and chemical storage and evidence of contamination. The walkover also looked for evidence of soil contamination in the form of staining odours and stressed or discoloured vegetation. The notes of the site walkover are presented in Table 1.1 and Table 1.2.

Table 1.1 Site Walkover Record (On-site)

Use of Site	Waste Ground and Garages (Photograph 1)
Structures	Three Garages – one with possible asbestos sheet roofing (Photograph 2)
Site Topography	Slight easterly dip (<3°)
Site Covering	Concrete, ash and clinker, gravel and vegetation (Photograph 3)
Vegetation	Grass, weeds, brambles, shrubs and a single mature tree (Photograph 4)
Potential Contamination Sources	Fly tipped materials and evidence of previous use for vehicle maintenance – oil staining on ground (Photograph 5)
Odour	Possible oily odour from eastern side of site
Drainage	None noted on site, mains / surface noted off-site (Photograph 6)

Table 1.2 Site Walkover Record (Off-site)

Use of Land	North – Access Road with residential and shops beyond East – Residential (Photograph 7) South – Residential (Photograph 5) West – Access Road with Residential Gardens (west) and Vegetation and Commercial north of access road (Photograph 8)
Area Topography	Slight southeast regional dip (<3°)
Vegetation	Gardens including some mature trees
Potential Contamination Sources	None Identified

I.7 Site Drainage

Anticipated to be to local external drainage systems or vertically into underlying ground.
No evidence of on-site drainage located.

I.8 Site Photographs

The site photographs have been included within Appendix F.

Section 2 **Geology, Hydrogeology, Hydrology and Radon**

2.1 **Anticipated Geology**

The 1:50,000 BGS Geology map showed the site to be situated on the London Clay Formation bedrock, with overlying superficial deposits of River Terrace Deposits.

2.1.1 **River Terrace Deposits**

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

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

2.1.2 **London Clay Formation**

The London Clay Formation in the Hampshire region comprises silty and sandy clay, clayey and sandy silt, silty sand; sporadic claystones and thin beds of flint pebbles. The formation includes the Bognor Sand, Whitecliff Sand, Durley Sand, Portsmouth Sand and Nursling Sand Members. Crystals of gypsum (Selenite) are often found within the weathered part of the London Clay, and precautions against sulphate attack to concrete are sometimes required.

The lowest part of the London Clay Formation rests on the Reading Formation (Lambeth Group).

2.2 **Hydrogeology**

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

Table 2.1 presents the hydrological data that is relevant to the site.

Table 2.1 Hydrogeological Assessment

Hydrogeological Data		Comment
On-site	Superficial	Secondary A Aquifer ¹
Aquifers	Bedrock	Unproductive strata ²
Groundwater Vulnerability		Secondary superficial aquifer – medium vulnerability
Source Protection Zones (SPZ)		None within 1000m radius
Abstraction	Potable	None within 2000m radius
	Non-potable	Industrial/commercial/public services 1063m northeast

Hydrogeological Data	Comment
Sensitive Land Uses	Hamble Estuary Eutrophic Nitrate Vulnerable Zone - onsite
Surface Water Features	96m East – Monk's Brook
Flood Risk from Rivers or Seas	None
Flood Risk from Surface Water	None
Flood Risk from Groundwater	Potential for groundwater flooding to occur at surface

Notes: ¹Secondary A are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. ² Unproductive strata are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

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

2.3 Hydrology

The approximate elevation of the site was 15m Above Ordnance Datum (AOD). The anticipated groundwater flow direction is given in Table 2.2.

Table 2.2 Hydrological Assessment

Type	Direction	Notes
Surface water	n/a	No surface water anticipated given permeable surface geology
Groundwater	Southeast	In line with topography

2.4 Radon Gas

Online available radon mapping has been updated since the compiling of the original report (August 2021) and the original radon risk has been reappraised.

Online available mapping, Radon UK (December 2022), indicated that the site was in an area with a maximum radon potential of 3-5% meaning increased radon protection measures may be required. More detailed reports made available by the BGS can be acquired in order to give detail of the risks specific to the site.

Section 3 Site History

3.1 Historic Map Study

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

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

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

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

Table 3.1 Historic Development of the Site

Site History	Date Range	
	From	To
Site recorded as open agricultural land	1868 ¹	1949
Site shown as open undeveloped land with ground surface shown as disturbed in historical aerial photography (1949) following development of surrounding land into residential housing, likely to have taken place relatively recently prior to the image.	1949	1961
Two small units now recorded onsite, with no further pertinent changes recorded to present day.	1961	2021

Notes: ¹ Earliest available map.

Table 3.2 Historic Off-site Development

Off-site Development	Date Range	
	From	To
Site recorded to be surrounded by open land. Spring Lane was recorded circa 40m east, with Monk's Brook beyond at 100m from the site. Residential house with well recorded 90m north. Middle Farm was recorded 190m southwest with Cricketers Arms public house adjacent.	1868 ¹	1896
Land parcels 90m northwest and 140m southwest now recorded as Allotment Gardens. Middle Farm now recorded as Doncaster Farm. A well is indicated 75m southeast of the site along Spring Lane.	1896	1931
Land parcel abutting the north of the site now recorded as Allotment Gardens.	1931	1949
Surrounding land shown to have been developed as residential housing with private gardens.	1949	1951
Residential development surrounding the site now shown to continue to the east. Spring Lane now recorded as Magpie Lane.	1951	1961
Church recorded 100m northeast.	1961	1985
Electric sub-station is recorded 85m east of the site. No further pertinent changes recorded to present day.	1985	2021

Notes: ¹ Earliest available map.

Table 3.3 Potential Sources of Pollution Indicated from Historic Maps

Source	Direction	Distance (m)	Date Range	
			From	To
Allotment gardens	N	5	1931	1949
Electric sub station	E	85	1985	2021
Allotment gardens	NW	90	1896	1949
Allotment gardens	SW	140	1896	1949

3.2 Bomb Damage and the Potential for Unexploded Ordnance

A review of publicly available unexploded ordnance (UXO) risk maps obtained from ZeticaUXO accessed online in July 2021 showed the site was located in an area of moderate risk indicated as having a bombing density of 15 to 49 bombs per 1000acre. In addition, the risk map highlighted a "UXO" find either on or within the immediate vicinity of the site. Given the surrounding residential development was constructed post-war, it is possible that the bomb find occurred during redevelopment and resulted in the application site remaining undeveloped at that time.

Given the above concerns, an express Preliminary UXO Risk Assessment was commissioned and the report is included as Appendix E. The preliminary UXO risk assessment concluded that the UXO risk was not considered significantly higher than the 'background risk' and, therefore, did not recommended that any further action was taken for the site.

Section 4 Environmental Records and Consultation

4.1 Dataset Information

The Landmark Envirocheck Report was obtained by Soils Limited and includes site specific information. The extent of the search has initially been limited to a radius of 250m as it is considered that sources of contamination beyond 250m are unlikely to impact on the site. This search radius may, however, be increased if a significant source of contamination or sensitive receptor is identified within 1000m of the site. A copy of the report is appended to this report in Appendix summarised in Table 4.1, Table 4.2 and Table 4.3.

Table 4.1 Environmental Significance of Data

Source	Direction	Distance (m)
Contaminated Land Register Entries and Notices	None	None
Discharge Consents	SE	231-250 ¹
Integrated Pollution Prevention and Control	None	None
Local Authority Pollution Prevention and Controls	None	None
Local Authority Pollution Prevention and Control Enforcements	None	None
Nearest Surface Water Feature – Monks Brook	E	96
Pollution Incidents to Controlled Waters (Significant Incidents only)	None	None
Prosecutions Relating to Authorized Processes	None	None
Registered Radioactive Substances	None	None
Substantiated Pollution Incident Register – Monks Brook Sewage Overflow	SE	240
Nearest Potable Abstraction Point	None	None
Nearest Non-Potable Abstraction Point	None	None
Water Industry Act Referrals	None	None
Source Protection Zones	None	None
Extreme Flooding from Rivers or Sea Without Defences	None	None
Flooding from Rivers or Sea Without Defences	None	None
Areas Benefiting from Flood Defences	None	None
Flood Water Storage Areas	None	None
Flood Defences	None	None
BGS Recorded Landfill Sites	None	None
Historical Landfill Sites	None	None
Licensed Waste Management Facilities	None	None
Local Authority Recorded Landfill Sites	None	None
Potentially Infilled Land (Non-Water)	None	None
Potentially Infilled Land (Water)	None	None
Registered Landfill Sites	None	None
Registered Waste Transfer Sites	None	None
Registered Waste Treatment or Disposal Sites	None	None
Control of Major Accident Hazards Sites (COMAH)	None	None
Notification of Installations Handling Hazardous Substances	None	None
Planning Hazardous Substance Consents	None	None

Notes: ¹ 8no. entries between 0 to 250m from site. Closest at 231m southeast relates to sewage discharge and storm sewage overflow to the Monks Brook downslope and down flow from the site

Table 4.2 Contemporary Trade Directory

Contemporary Trade Directory within 250m	Direction	Distance (m)	Status
(Vehicle) Repair and Servicing ¹	NW	21	-
Garage Services	SW	186	Active
Pest & Vermin Control	SW	188	Inactive

Note: ¹ No evidence of vehicle workshop within commercial premises to the northwest. Possibly an onsite historical activity.

Table 4.3 Geological Hazards

Source	Nearest Distance from Site/Type
Coal Mining Affected Areas	None
Mining Instability	None
Natural and Mining Cavities	None
Potential for Collapsible Ground Stability Hazards	Onsite/very low
Potential for Compressible Ground Stability Hazards	Onsite/no hazard
Potential for Ground Dissolution Stability Hazards	Onsite/no hazard
Potential for Landslide Ground Stability Hazards	Onsite/very low
Potential for Running Sand Ground Stability Hazards	Onsite/very low
Potential for Shrinking or Swelling Ground Stability Hazards	Onsite/low

4.2 Site Sensitivity Maps

No other significant potential sources of contamination were shown on the Landmark Envirocheck Site Sensitivity Maps, which have not been listed in Table 4.1, Table 4.2 and Table 4.3, and copies of which are appended to this report (Appendix C).

4.3 Regulatory Enquires

As part of the Preliminary Investigation Report the local authority was contacted and asked to provide any information on potential risks pertaining the site. The local authority provided the following information:

The history of the site and any adjoining areas:

- The Pollution Team holds no information for the enquiry site (shown on the attached plan, or any land or properties that share a boundary with the enquiry site) above that shown on historical Ordnance Survey (OS) mapping.
- The enquiry site, at the time of writing, has not been determined to meet the statutory definition of 'Contaminated Land' as defined in Part IIA of the Environmental Protection Act 1990. I can also confirm that the Pollution Team currently have no plans to investigate this land in connection with this legislation.

Review of any previous desk study or site investigation information held for the site:

- The Pollution Team do not hold any desk studies or site investigation information for the enquiry site.

Please note that we can only provide factual information in our responses and therefore we are able to confirm if we are aware or hold any reports but we would not be able to provide a review of their content.

The proximity of waste disposal sites:

- The Pollution Team does not hold records of any waste disposal sites located within 250m of the boundary of the enquiry site.

Petroleum licenses:

- The Pollution Team does not hold records of any petroleum licences issued within 250m of the boundary of the enquiry site.

The potential for the site to have been affected by UXO etc:

- The Pollution Team does not hold information regarding UXO.

Please note that this response is based upon the information available to the Environmental Health Services at the time of writing and if new information becomes known, we may review the status of the land. Hampshire County Council and the Environment Agency may hold records, particularly for the questions regarding waste disposal sites and petroleum licenses, which are pertinent to the enquires that you have made. This Service cannot guarantee the accuracy or completeness of this information and any potential purchasers are advised to make their own investigations into issues such as 'Land Contamination' and made ground.

4.4 Soil Geochemistry

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

The results of this survey are contoured on the Landmark Environmental check report (Appendix C). The results of the local soil chemistry are presented in Table 4.4.

Table 4.4 Soil Geochemistry

Determinant	Indicated Soil Geochemistry (mg kg ⁻¹)
Arsenic	<15
Cadmium	<1.8
Chromium	60-90
Lead	<100
Nickel	15-30
Note: None in excess of relevant generic soil guidance values	

Section 5 Data Collection Summary

5.1 General

The findings of the data collection are summarised below:

Table 5.1 summarises the site Environs, which include geology, hydrogeology, the risk from radon and potential risk from flooding.

Table 5.1 Site Environs

Environs	Summary
Geology	Superficial River Terrace Deposits overlying the London Clay Formation bedrock.
Hydrogeology	Superficial River Terrace Deposits classed as a Secondary A aquifer and could support shallow groundwater. The London Clay Formation bedrock was classed as unproductive strata and acts as an aquiclude to the deep groundwater regime.
Source Protection Zone (SPZ)	None recorded within 2km radius.
Surface Water Flow	Anticipated to be vertically down into the granular superficial deposits.
Groundwater Flow	Anticipated to be to the southeast in line with wider topography.
Radon	Maximum risk of 3-5% indicated
Flooding	Potential risk for groundwater flooding to occur at surface recorded onsite.
Geological Hazard	Low risk of shrinking and swelling ground stability hazards and very low risk of collapsible, landslide and running sand ground stability hazards recorded onsite.
Local Authority Response	The response indicated the enquiry site has not been determined to meet the statutory definition of 'Contaminated Land' as defined in Part IIA of the Environmental Protection Act 1990 and confirmed the Pollution Team have no plans to investigate the land in connection with this legislation.
Soil Chemistry	None in excess of relevant generic soil guidance values.

Table 5.2 provides a summary of potential on-site and off-site contamination sources identified during the study of the historic maps, the Landmark Envirocheck Dataset Report and the Site Walkover.

Table 5.2 Summary of Potential Contamination Sources

Contaminative Sources	Direction	Distance (m)	Date Range		Data Source
			From	To	
On-Site					
Possible asbestos building fabrics on garage	Onsite	0	-	2021	SW
Areas of ash and clinker surface covering/Made Ground			-	2021	SW
Evidence of vehicle storage and maintenance onsite (oil staining and odours)			-	2021	SW
Off-Site					
Allotment gardens	N	5	1931	1949	HM
(Vehicle) Repair and Servicing	NW	21	-	-	DS
Electric sub station	E	85	1985	2021	HM
Allotment gardens	NW	90	1896	1949	HM
Allotment gardens	SW	140	1896	1949	HM

Contaminative Sources	Direction	Distance (m)	Date Range		Data Source
			From	To	
Garage Services	SW	186	-	-	DS
Pest & Vermin Control	SW	188	-	-	DS
8no. discharge consents within 250m radius	SE	231 - 250	1963	2016	DS
Substantiated Pollution Incident Register	SE	240	2009	2009	DS

Notes: SW – Site walkover, HM – Historic Maps, DS – Datasheet, GC – Geochemistry, LA – Local Authority, GE Google Earth

Section 6 Preliminary Conceptual Site Model

6.1 General

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

6.2 Sources and Pathways of Contamination

The Landmark Site Specific Envirocheck Report and Site Walkover have been used to identify potential contaminative sources. These sources have been presented in Table 5.2. An assessment of the likely pathways and the likelihood of each contaminative source that was considered a risk has been presented in Sections 7.2.1 to 7.2.3.

6.2.1 Potential Pathways

A review of the potential pathways on and off the site has been undertaken based on the site, ground conditions, hydrology and scientific knowledge of the behaviour of the contaminants in the ground. The pathways applicable to the site and the proposed development have been marked in Table 6.1.

Table 6.1 Applicable Pathways

Pathway	Present	Comment
Inhalation of dust	✓	
Inhalation of vapour/gases	✓	
Ingestion and absorption via direct contact	✓	
Migration via surface runoff		Negligible runoff given permeable surface geology
Migration in solution via groundwater	✓	Shallow groundwater within superficial aquifer
Migration of gases via permeable soils	✓	
Direct contact with construction material	✓	
Services and Utilities	✓	

6.2.2 Potential Sources of On-site Contamination.

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

The sources are presented in Table 6.2.

Table 6.2 On-site Potential Contamination Sources

Source	Likely	Reasoning
Possible asbestos building fabrics on garage		Based on site observations, the possible asbestos materials are limited to the structure and therefore must be addressed during redevelopment as part of the demolition and site clearance process in line with current legislation and guidance. It is beyond the scope of this investigation to assess this risk and specialist advice should be retained.
Areas of ash and clinker surface covering/Made Ground	✓	Onsite source
Evidence of vehicle storage and maintenance onsite (oil staining and odours)	✓	

Notes:**6.2.3 Potential Off-site Sources of Contamination**

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

These sources have been presented in given in Table 6.3.

Table 6.3 Off-site Potential Contamination Sources

Source	Direction	Distance (m)	Likely	Reasoning
Allotment gardens	N	5		Time passed since activities. Area developed into residential.
(Vehicle) Repair and Servicing	NW	21	✓	No evidence of workshop within No.6 Nightingale Avenue. Possibly pertains to historical onsite activity.
Electric sub station	E	85		Immobile associated contaminants. Source not within hydraulic gradient of site.
Allotment gardens	NW	90		Time passed since activities. Area developed to residential.
Allotment gardens	SW	140		
Garage Services	SW	186		Source not within hydraulic gradient of site.
Pest & Vermin Control	SW	188		
8no. discharge consents within 250m radius	SE	231 - 250		Discharges all to Monk's Brook, not within hydraulic continuity of site and downstream.
Substantiated Pollution Incident Register	SE	240		Crude sewage significant water impact, downstream from site.

6.3 Potential Contaminants

To ascertain the chemicals associated with identified potential onsite and offsite sources, the Department of the Environment Industry Profiles have been reviewed. In cases

where the DOE profiles have no, or limited information other sources have been reviewed detailing the processes involved in the activity carried out on-site.

Table 6.4 presents the range of possible contaminants associated with the onsite and off-site activities and sources identified following a review of historical maps and datasets.

Table 6.4 Potential Contaminants

Potential Contaminative Sources	Contaminants / Chemical Properties
Vehicle storage/maintenance, garage services)	Metals, Semi-metals and non-metals, PAHs, TPHs, pH, Asbestos

6.4 Potential Exposure Receptors

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

The assessment for potential receptors is presented in Table 6.5.

Table 6.5 Potential Receptors

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

6.5 Preliminary Conceptual Site Model and Risk Assessment

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

A pollutant linkage is the relationship between a contaminant source, a pathway and a receptor. Unless all three elements of a pollutant linkage are present, a risk is not considered to exist. Each of the three elements has been considered within Table 6.1 to Table 6.5. The preliminary conceptual site model and risk assessment is presented in Table 6.6. The classification tables on which the level of risk has been determined have been modified from 'Contaminated land risk assessment: A guide to good practice, 2001, CIRIA C552' and further details are presented in Appendix G.

Table 6.6 Preliminary Conceptual Site Model and Risk Assessment Methodology

Source (Table 6.2 and Table 6.3)	Potential Contaminant (Table 6.4)	Exposure Pathway (Table 6.1)	Receptor (Table 6.5)	Initial Assessment from Preliminary Investigation Report Information			Comments	Proposed Investigation
				Severity	Probability	Risk		
Made Ground, vehicle storage and maintenance On-site historical and current site usage.	Metals, Semi-metals and non-metals, PAHs, asbestos	Inhalation of dust	Site Workers/Site Maintenance	Medium	Low	Moderate/low	Site located on superficial Secondary A Aquifer overlying bedrock of the London Clay Formation, which was classified as unproductive strata and would act as an aquiclude to the deeper groundwater receptor.	Phase II ground investigation to confirm the ground conditions present and chemical testing prior to undertaking a generic quantitative risk assessment.
			End Users	Medium	Low	Moderate/low		
			Off-site Users	Medium	Unlikely	Low		
	PAHs, TPHs	Inhalation of Vapour/gases	Site Workers/Site Maintenance	Minor	Unlikely	Very low		
			End Users	Medium	Unlikely	Low		
			Off-site Users	Minor	Unlikely	Very low		
			Off-site Users	Minor	Unlikely	Very low		
	Metals, Semi-metals and non-metals, PAHs, TPHs, pH, asbestos	Ingestion and absorption via direct contact	Site Workers/Site Maintenance	Minor	Unlikely	Very low		
			End Users	Medium	Low	Moderate/Low		
	Metals, Semi-metals and non-metals, PAHs, TPHs, pH	Migration via surface runoff	Surface Water	-	-	-		
		Migration in solution via groundwater	Surface Water	Mild	Unlikely	Very low		
			Shallow Aquifer	Mild	Unlikely	Very low		
			Deep Aquifer	-	-	-		
		Direct contact with construction material	Buried structures	Mild	Low	Low		
			Buried Services					
	PAHs, TPHs	Migration of gases via permeable soils	Site Workers/Site Maintenance	Medium	Unlikely	Low		
			End Users					
			Off-site Users	Minor	Unlikely	Very low		
			Building and confined spaces					

Section 7 Recommendations

7.1 General

Based on the information obtained during the compilation of this Preliminary Investigation and the preliminary conceptual site model, a potential for a moderate/low to low risk of contamination has been identified, an intrusive investigation is therefore considered to be necessary to further quantify the risks and potential linkages identified.

Any subsequent intrusive investigation may reveal additional on-site sources of contamination that were not identified in the Preliminary Investigation and Site Walkover. Additional sources of contamination or unexpected ground conditions that may promote the migration of contamination or risk will be included and assessed in terms of significance within an updated Conceptual Site Model.

7.2 UXO

It was not recommended that any further action was necessary for this site.

7.3 Proposed Further Site Works

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

The general requirements for further environmental investigation are presented in Table 7.1.

Table 7.1 Proposed Further Environmental Investigation

Proposed Works	General Purpose	Required
Investigatory Holes	To collect sufficient samples for a robust assessment	✓
Laboratory Testing	To quantify the risks identified in the Conceptual Site Model	✓
Risk Assessment	Assess pollutant linkages based on current contaminated land guidance and screening criteria's	✓
Borehole well installation	To allow for groundwater and/or gas monitoring, if required following findings of intrusive investigation	✓
Remediation	If the site-specific risk assessment reveals that the site was contaminated	TBC
Validation & Verification	To validate and verify the remedial objectives based on the site-specific risk assessment	TBC

7.4 Discovery Strategy

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

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

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

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



Figure 1 – Site Location Map

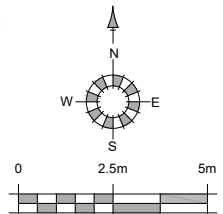
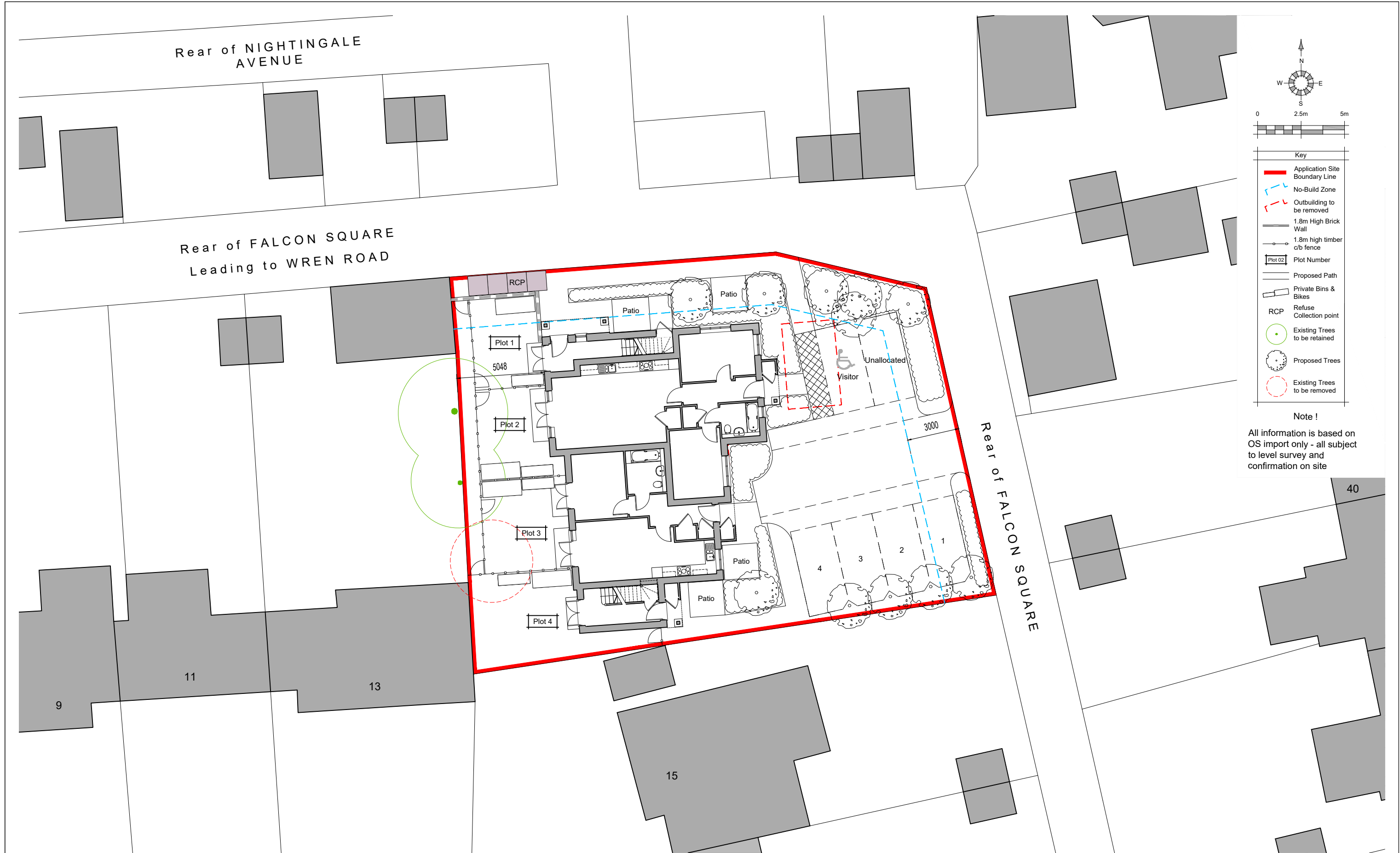
Job Number
20875

Project
Nightingale Avenue, Eastleigh, Hampshire SO50 9JA

Client
Doswell Projects

Date
April 2023

Appendix A Proposed Development Plans



- Key
- Application Site Boundary Line
 - No-Build Zone
 - Outbuilding to be removed
 - 1.8m High Brick Wall
 - 1.8m high timber c/b fence
 - Plot Number
 - Proposed Path
 - Private Bins & Bikes
 - RCP Refuse Collection point
 - Existing Trees to be retained
 - Proposed Trees
 - Existing Trees to be removed

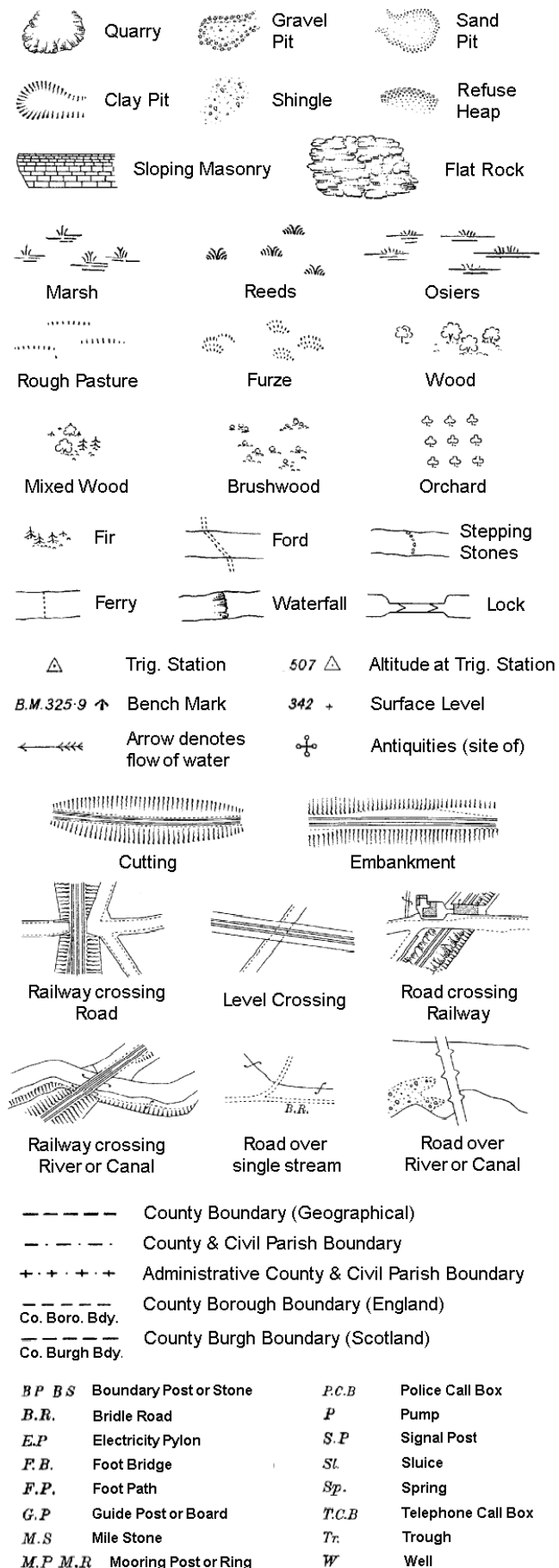
Note !
All information is based on OS import only - all subject to level survey and confirmation on site

REV.	DATE	REVISIONS:	BY	STATUS:	CLIENT:	PROJECT:	 architecture planning masterplanning Broadmeade House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QT. info@osparchitecture.com www.osparchitecture.com Tel: 01252 267878	
					SCALE:	DRAWING:		
					DRAWN:			
					DATE:			
Preliminary					Doswell Projects	Nightingale Avenue Eastleigh SO50 9JA		
					1:200 (A3 ORIGINAL)	Proposed Site Plan Ground Floor Layout		
					ajg	22206	P01	—
					23/03/23			
© COPYRIGHT EXISTS ON THE DESIGNS AND INFORMATION SHOWN ON THIS DRAWING					This drawing may be scaled or cross referenced to the scale bar for planning application purposes only. Do not scale for any other purpose, use figured dimensions only. Subject to site survey and all necessary consents. All dimensions to be checked by user and any discrepancies, errors or omissions to be reported to the Architect before work commences. This drawing is to be read in conjunction with all other relevant materials. OS Licence No. 100007327			

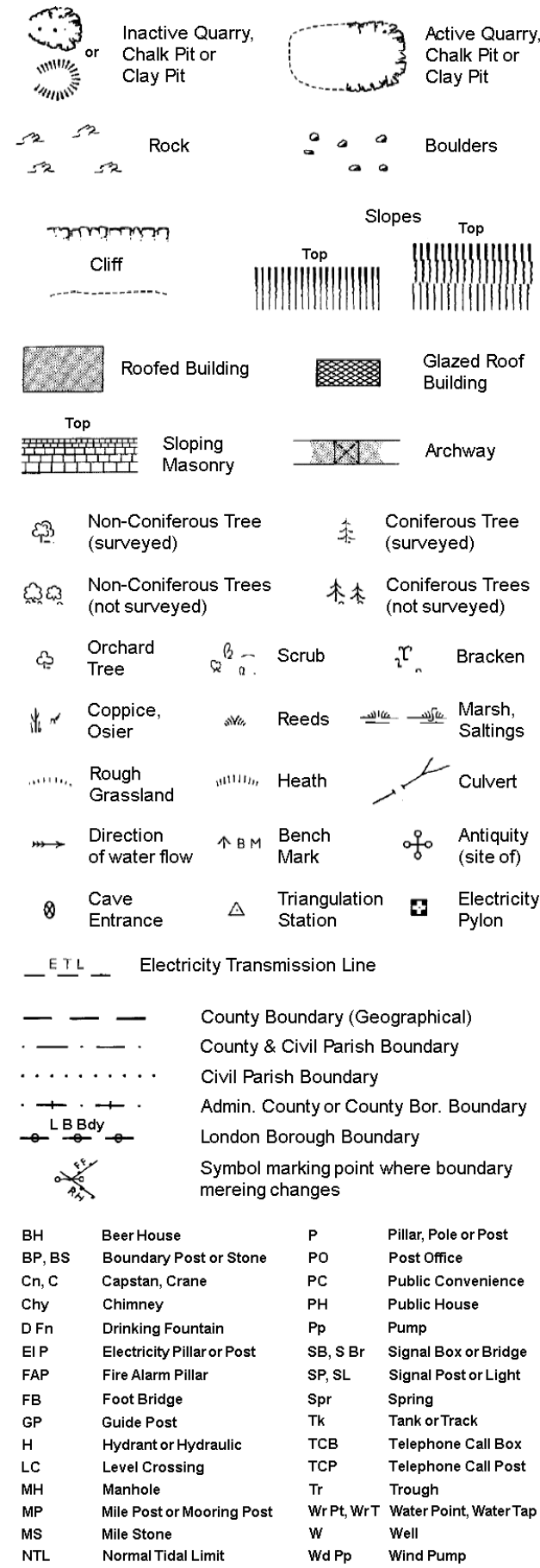
Appendix B Country Series and Ordnance Survey Maps

Historical Mapping Legends

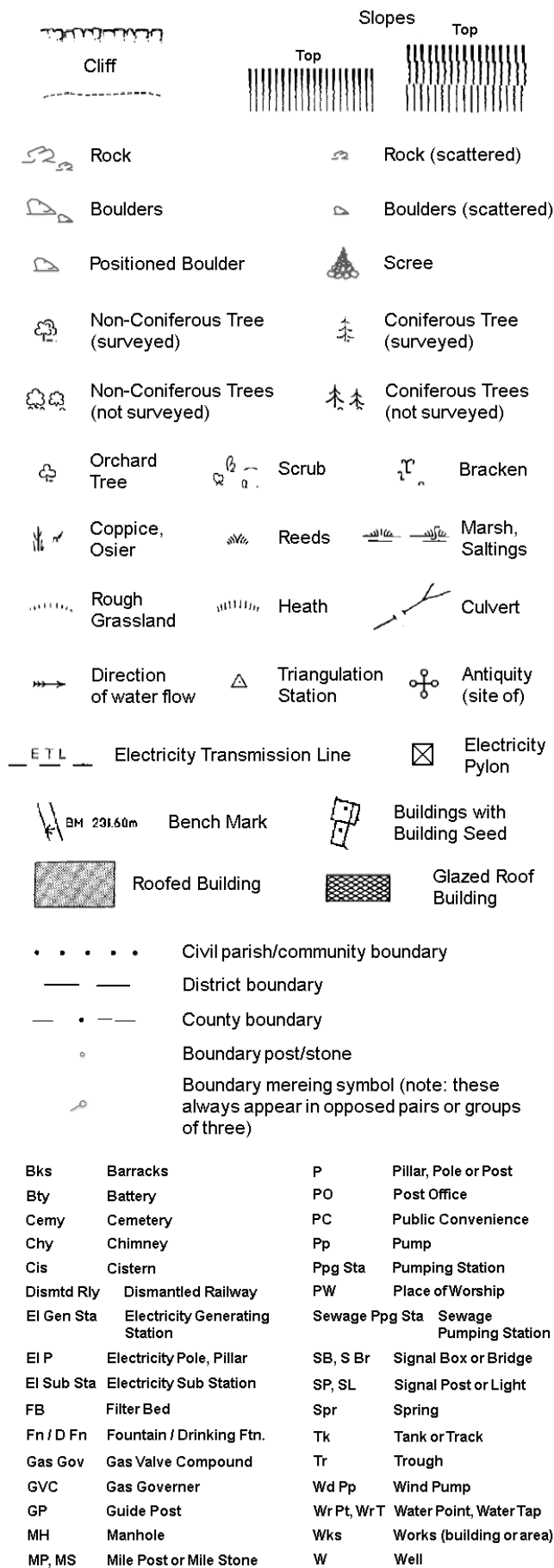
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



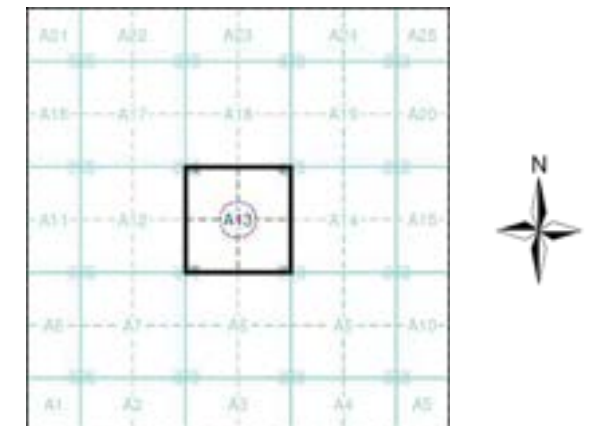
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

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Hampshire & Isle Of Wight	1:2,500	1896	3
Hampshire & Isle Of Wight	1:2,500	1909	4
Hampshire & Isle Of Wight	1:2,500	1946	5
Ordnance Survey Plan	1:2,500	1951 - 1953	6
Ordnance Survey Plan	1:1,250	1951 - 1952	7
Ordnance Survey Plan	1:1,250	1953 - 1972	8
Ordnance Survey Plan	1:2,500	1954 - 1970	9
Ordnance Survey Plan	1:1,250	1961	10
Additional SIMs	1:2,500	1963	11
Ordnance Survey Plan	1:2,500	1968	12
Additional SIMs	1:1,250	1985	13
Large-Scale National Grid Data	1:1,250	1992	14
Historical Aerial Photography	1:2,500	1999	15

Historical Map - Segment A13



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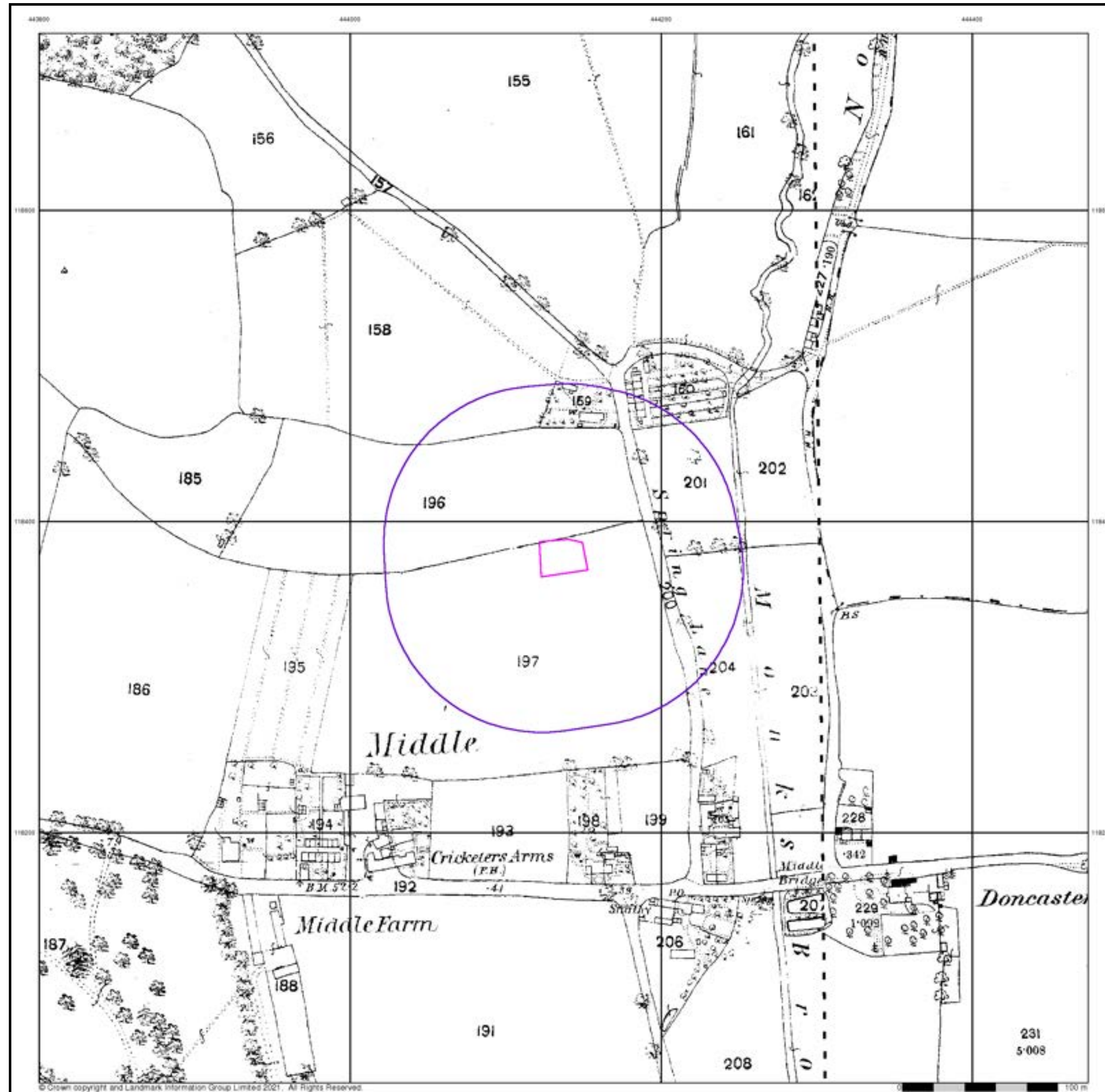
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Search Buffer (m): 100

Site Details

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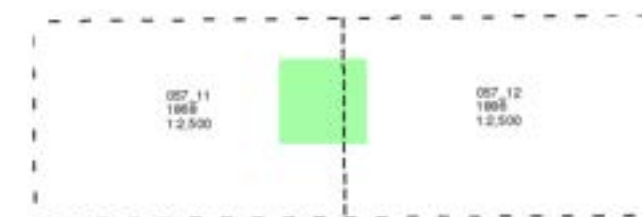
Hampshire & Isle Of Wight

Published 1868 - 1886

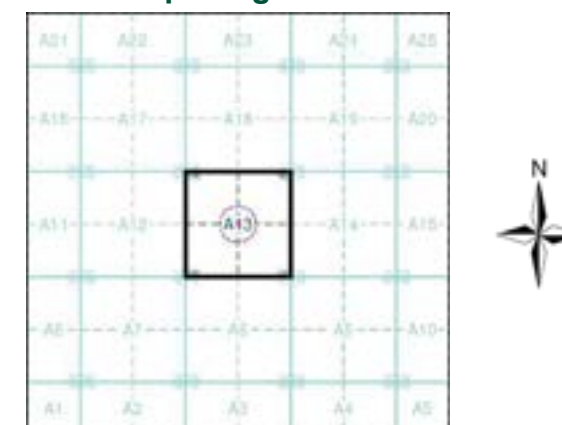
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Map Name(s) and Date(s)



Historical Map - Segment A13



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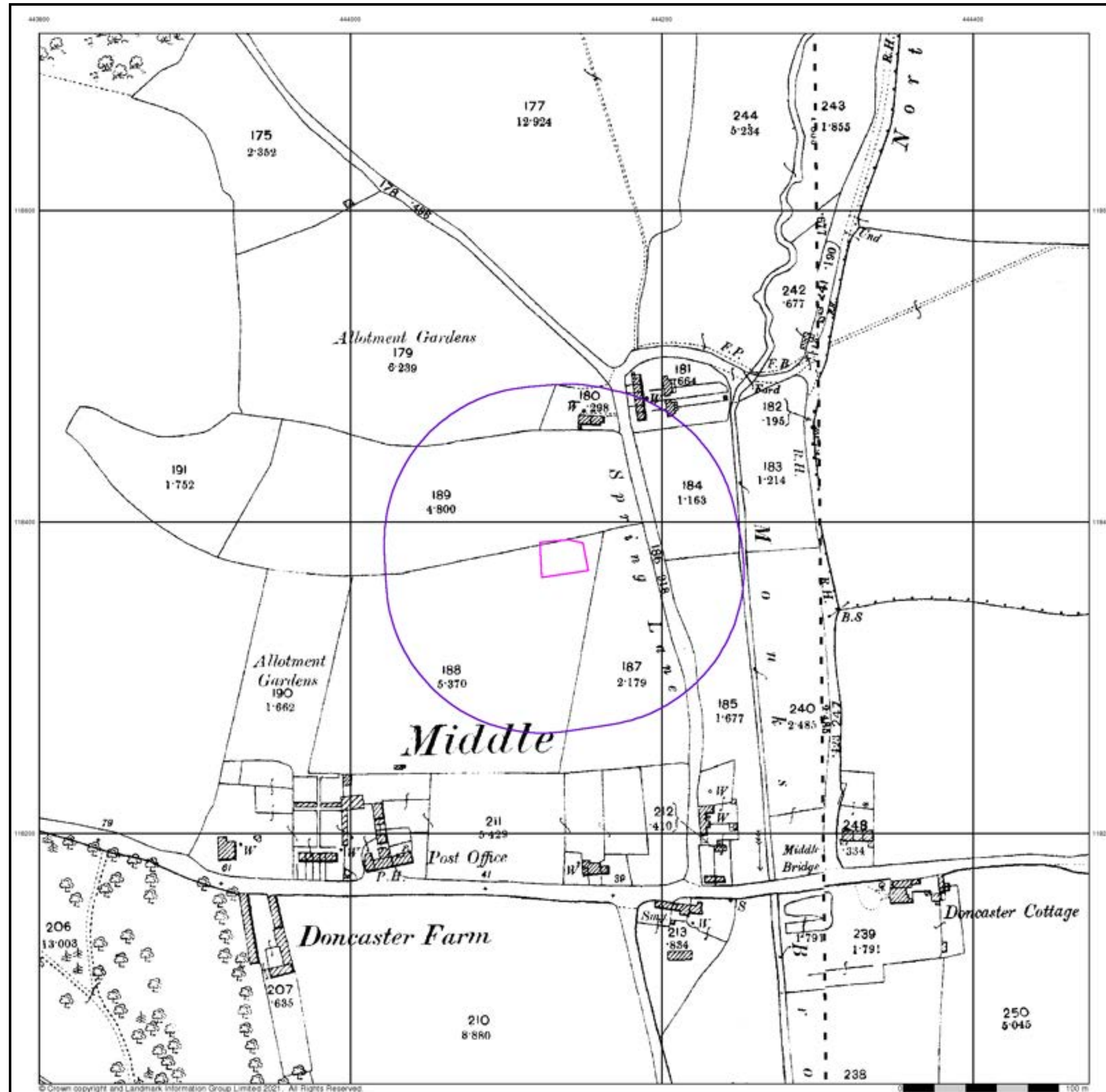
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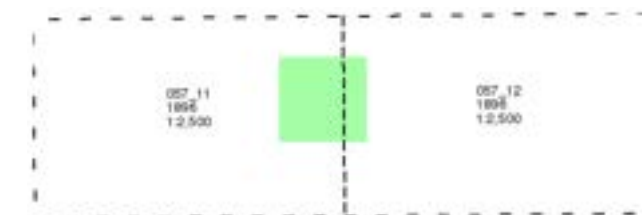
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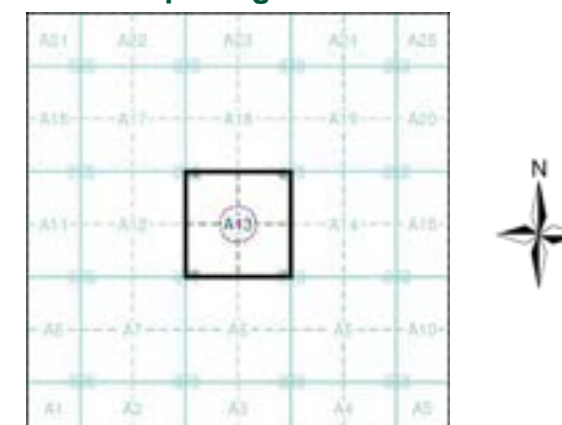
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Map Name(s) and Date(s)



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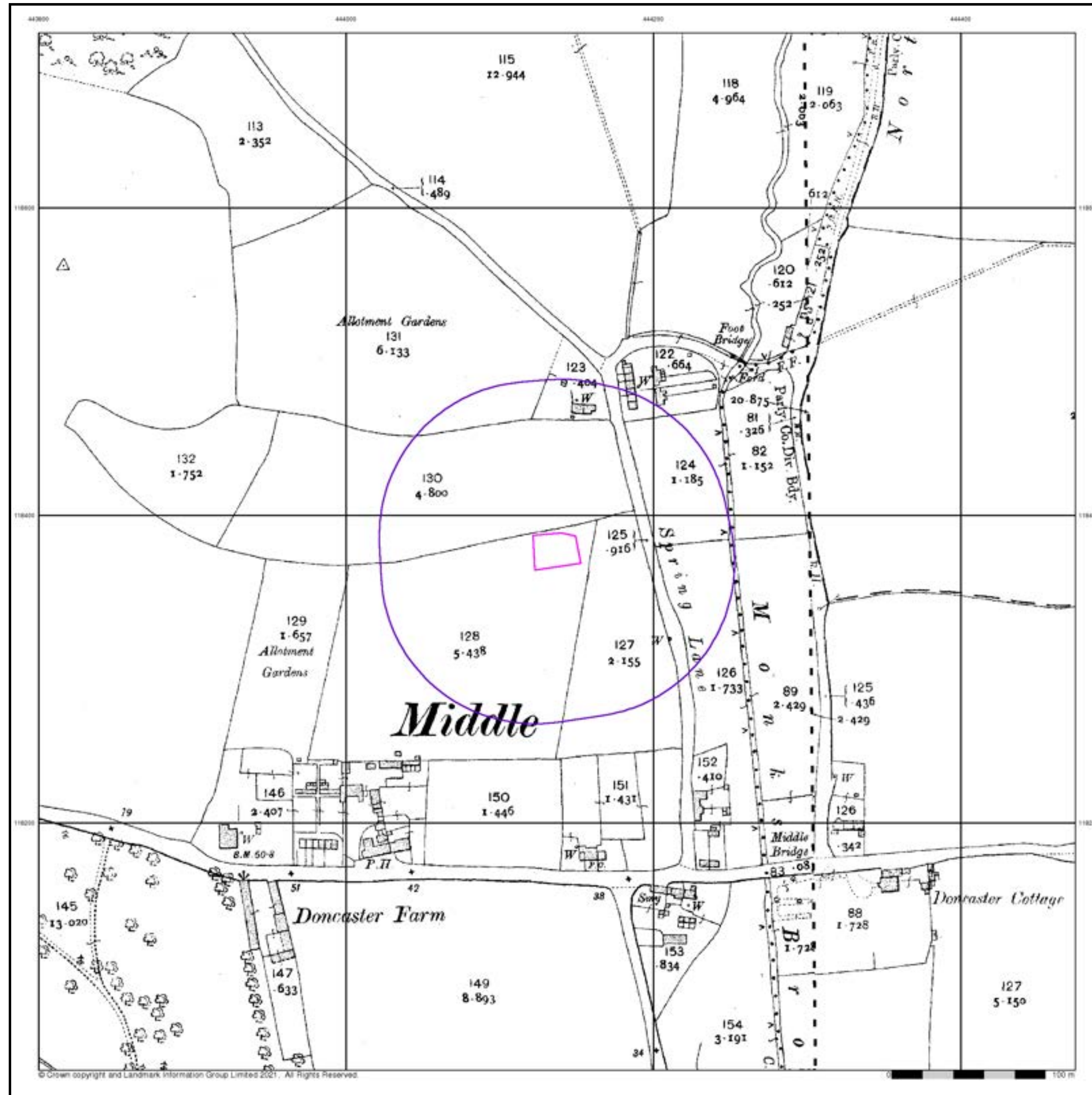
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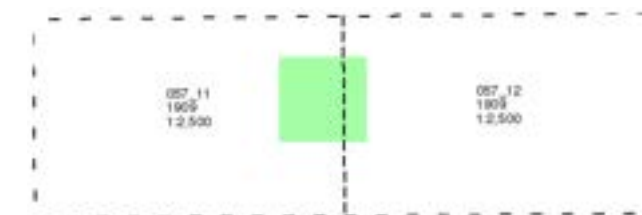
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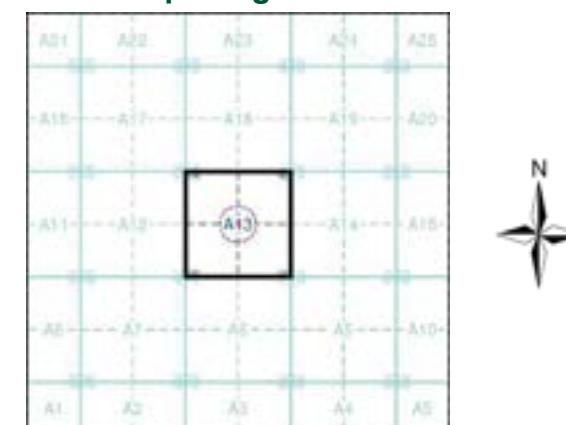
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Map Name(s) and Date(s)



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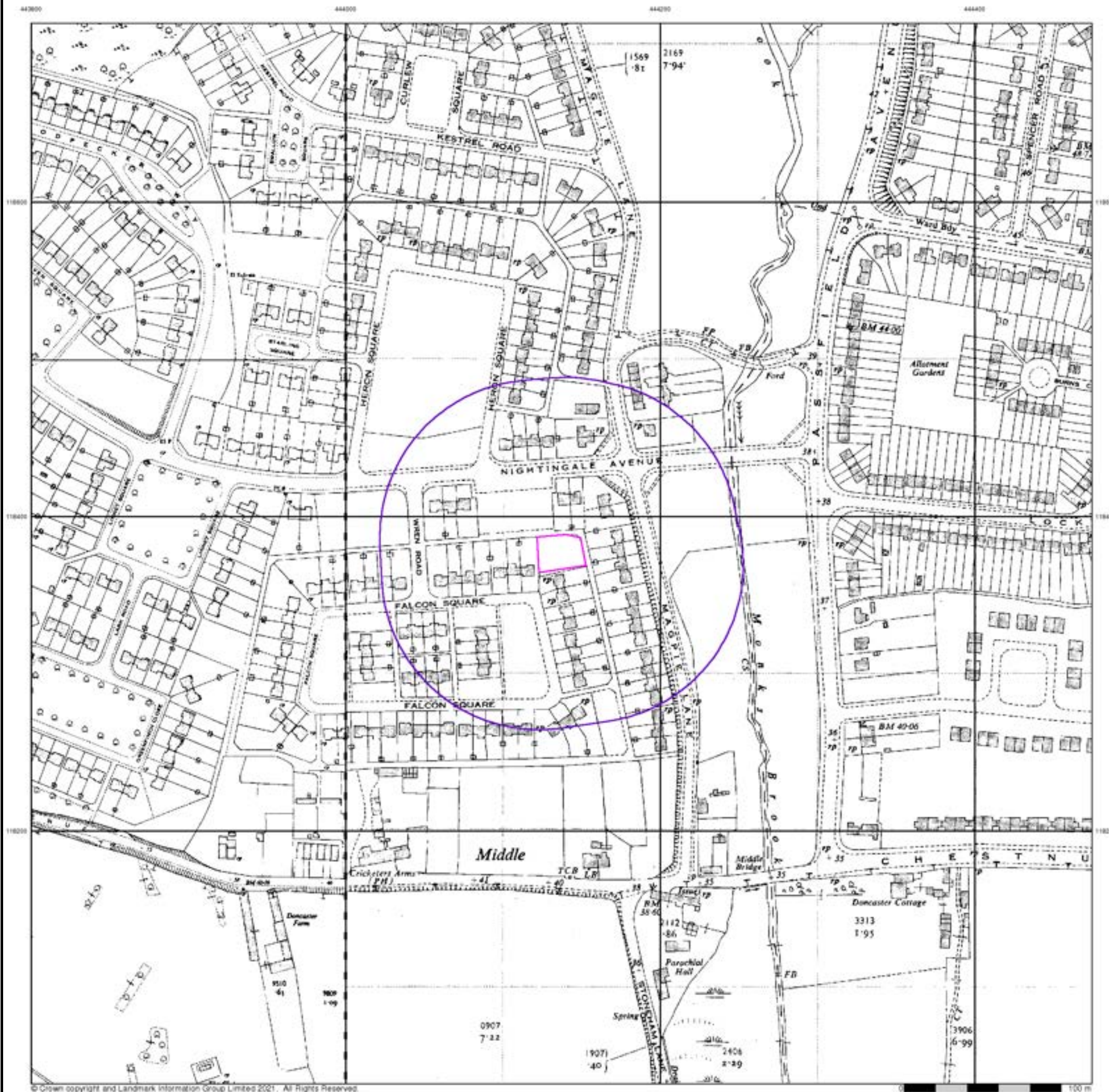


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Ordnance Survey Plan

Published 1951 - 1953

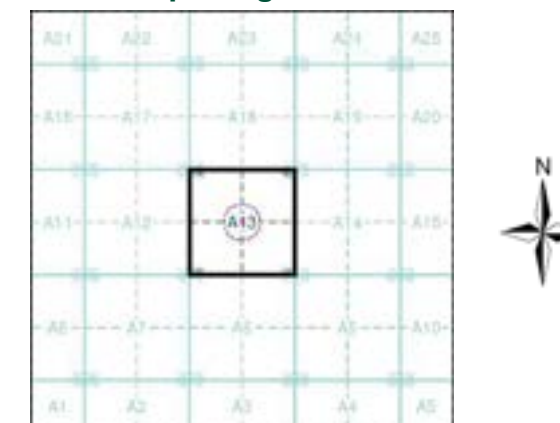
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Map Name(s) and Date(s)



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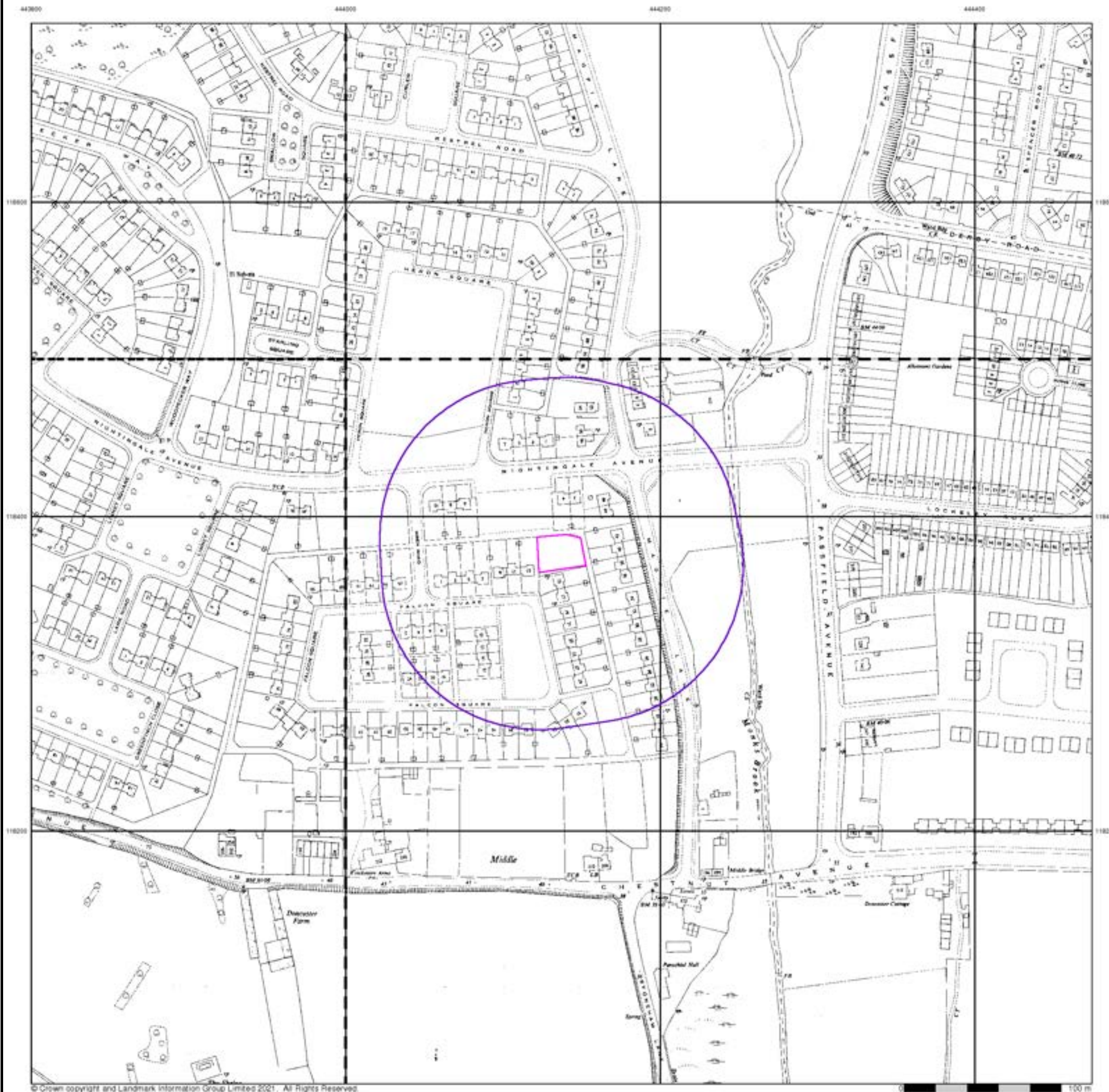
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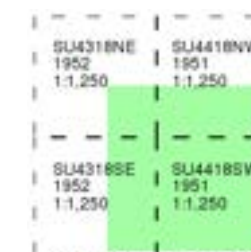
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Published 1951 - 1952

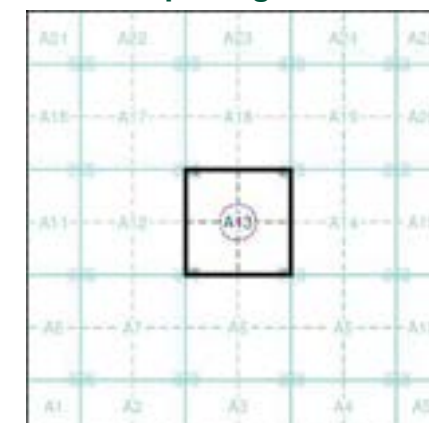
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Map Name(s) and Date(s)



Historical Map - Segment A13



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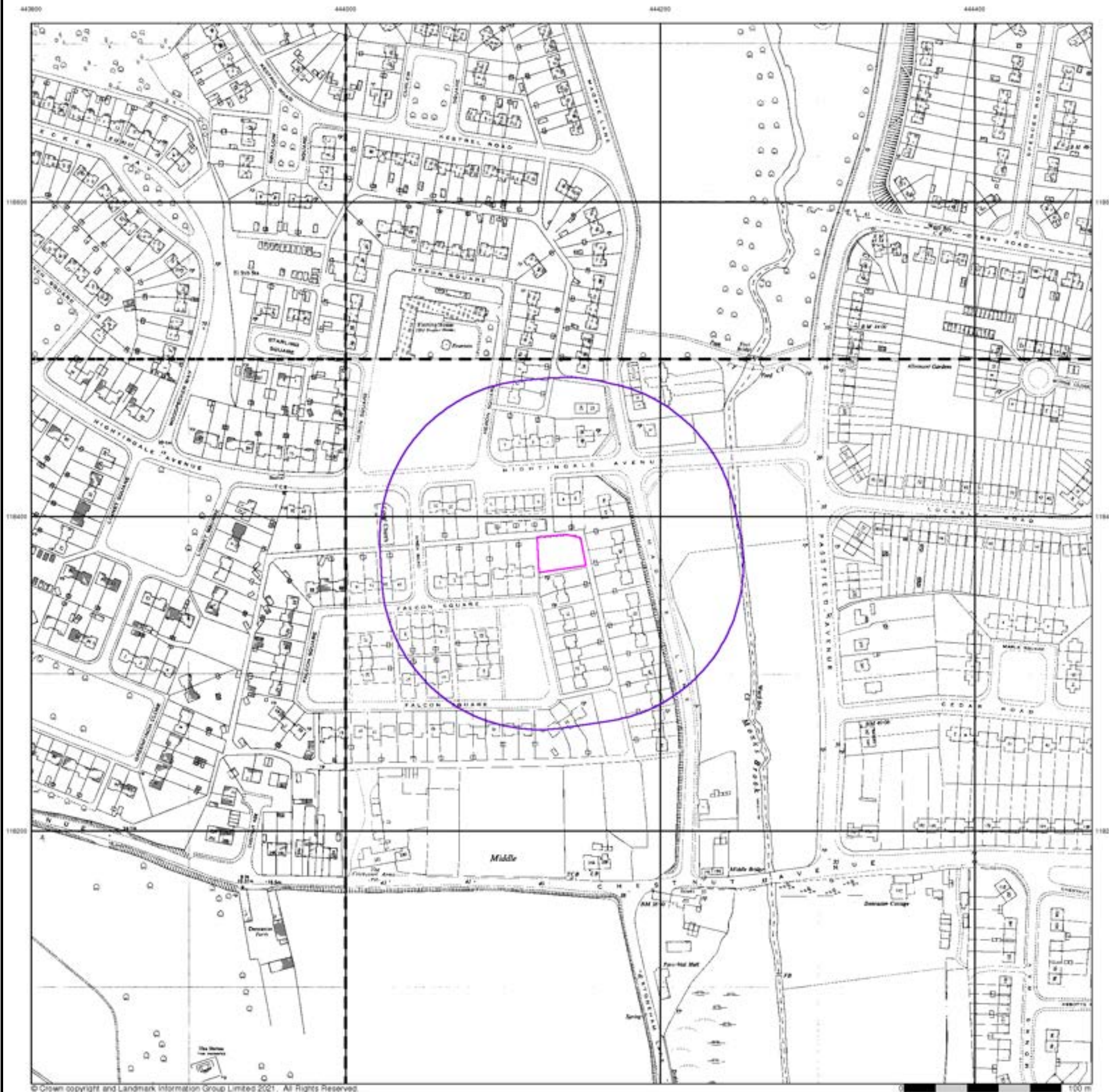
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Site Area (Ha): 0.07
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1953 - 1972

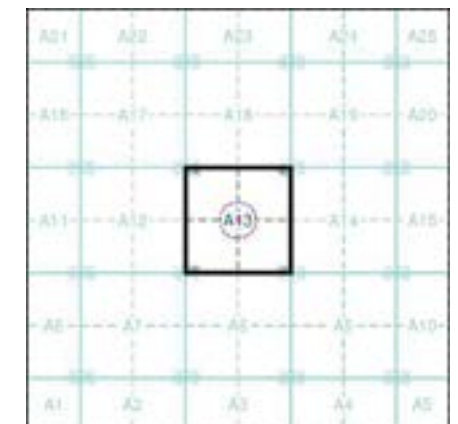
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Map Name(s) and Date(s)

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Historical Map - Segment A13



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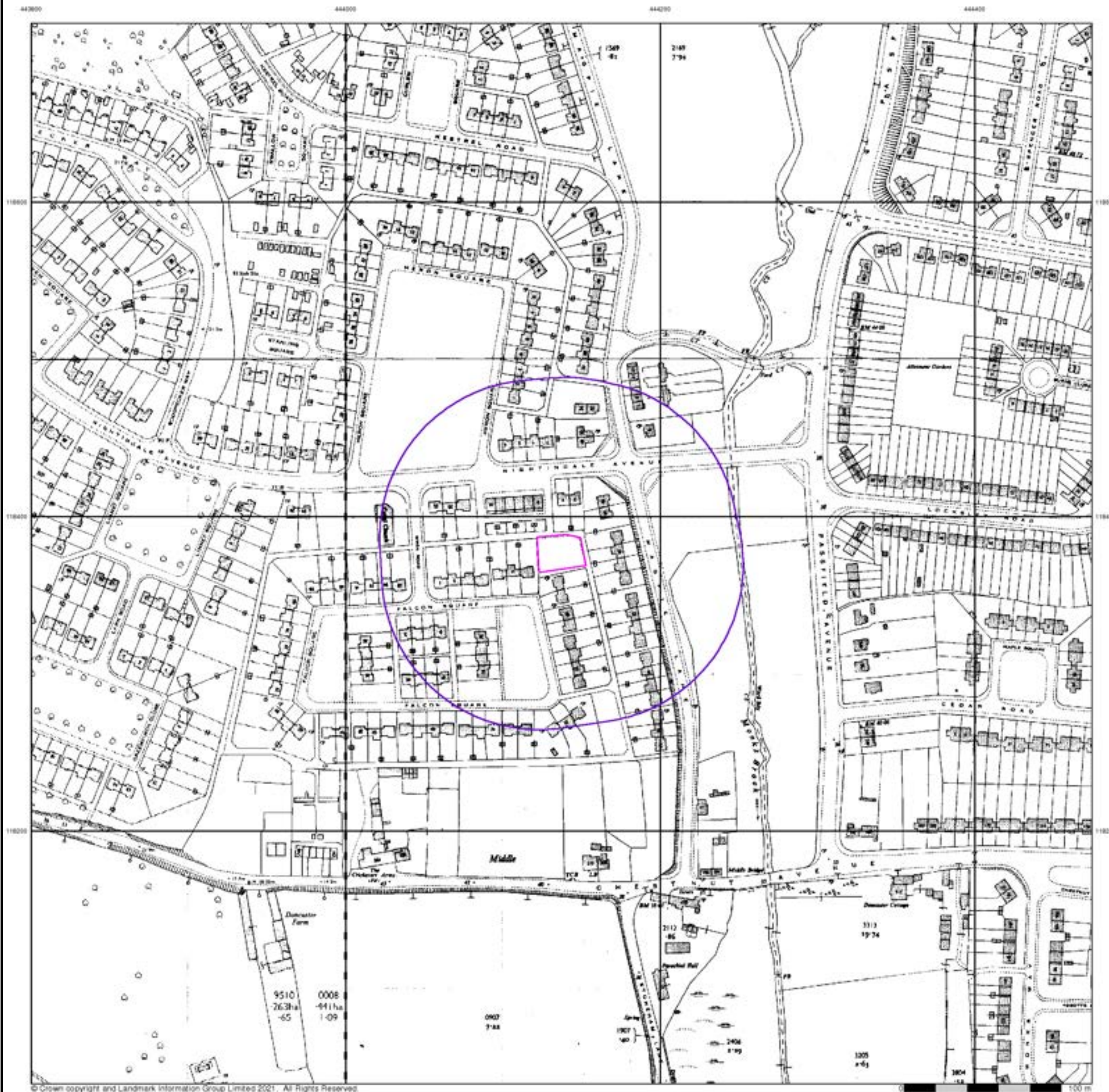
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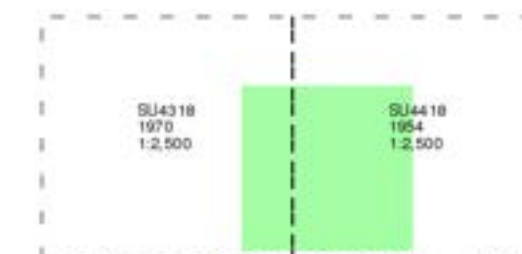
Ordnance Survey Plan

Published 1954 - 1970

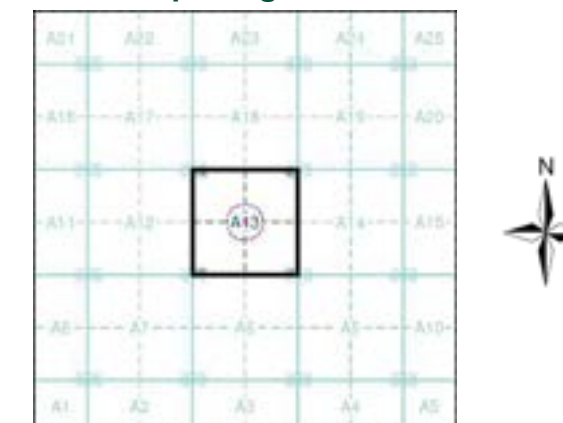
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Map Name(s) and Date(s)



Historical Map - Segment A13



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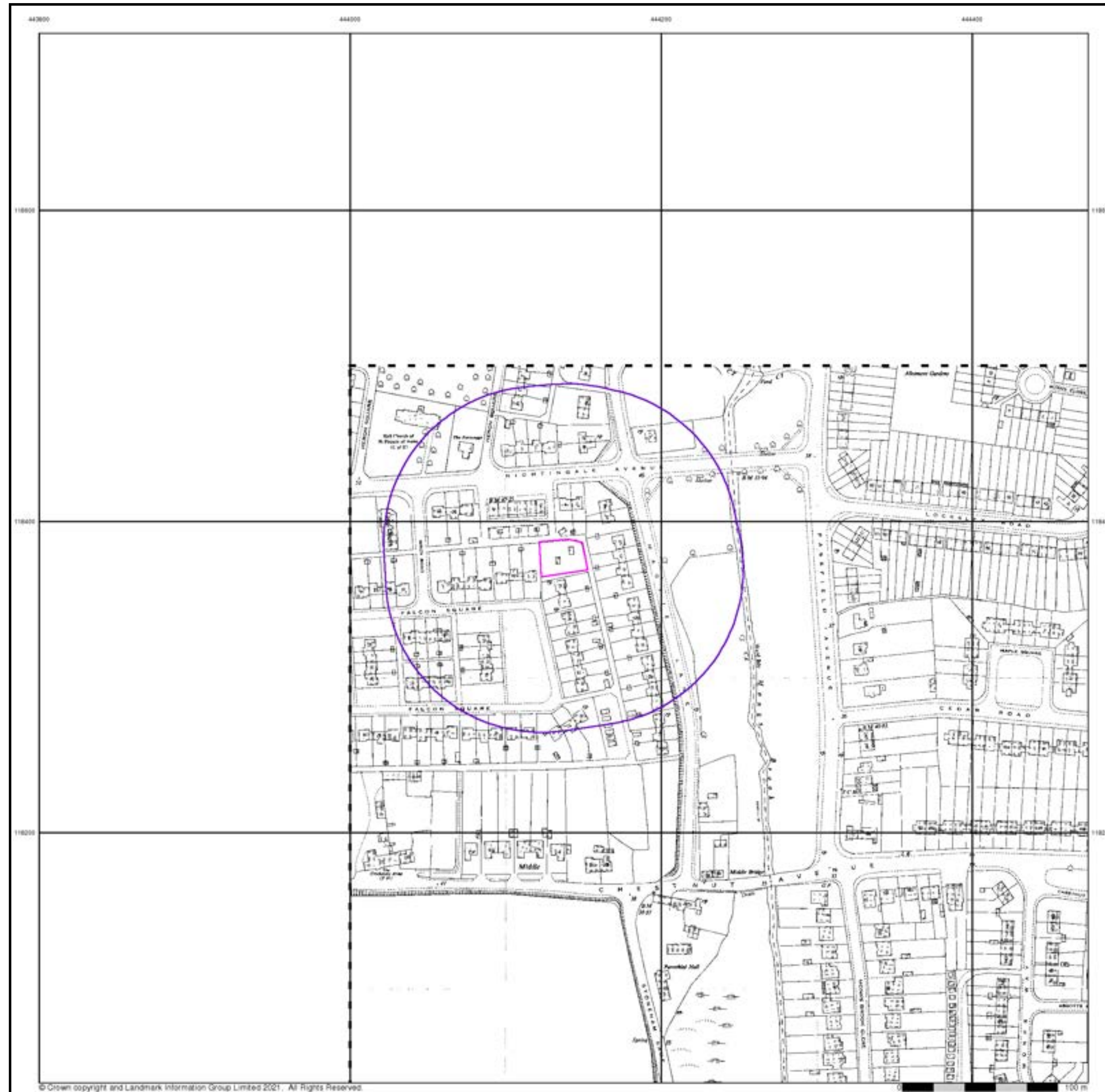
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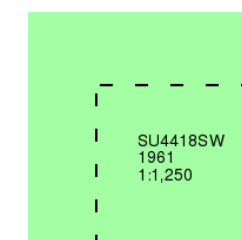
Ordnance Survey Plan

Published 1961

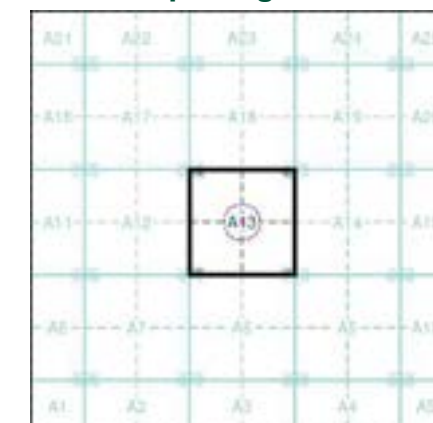
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

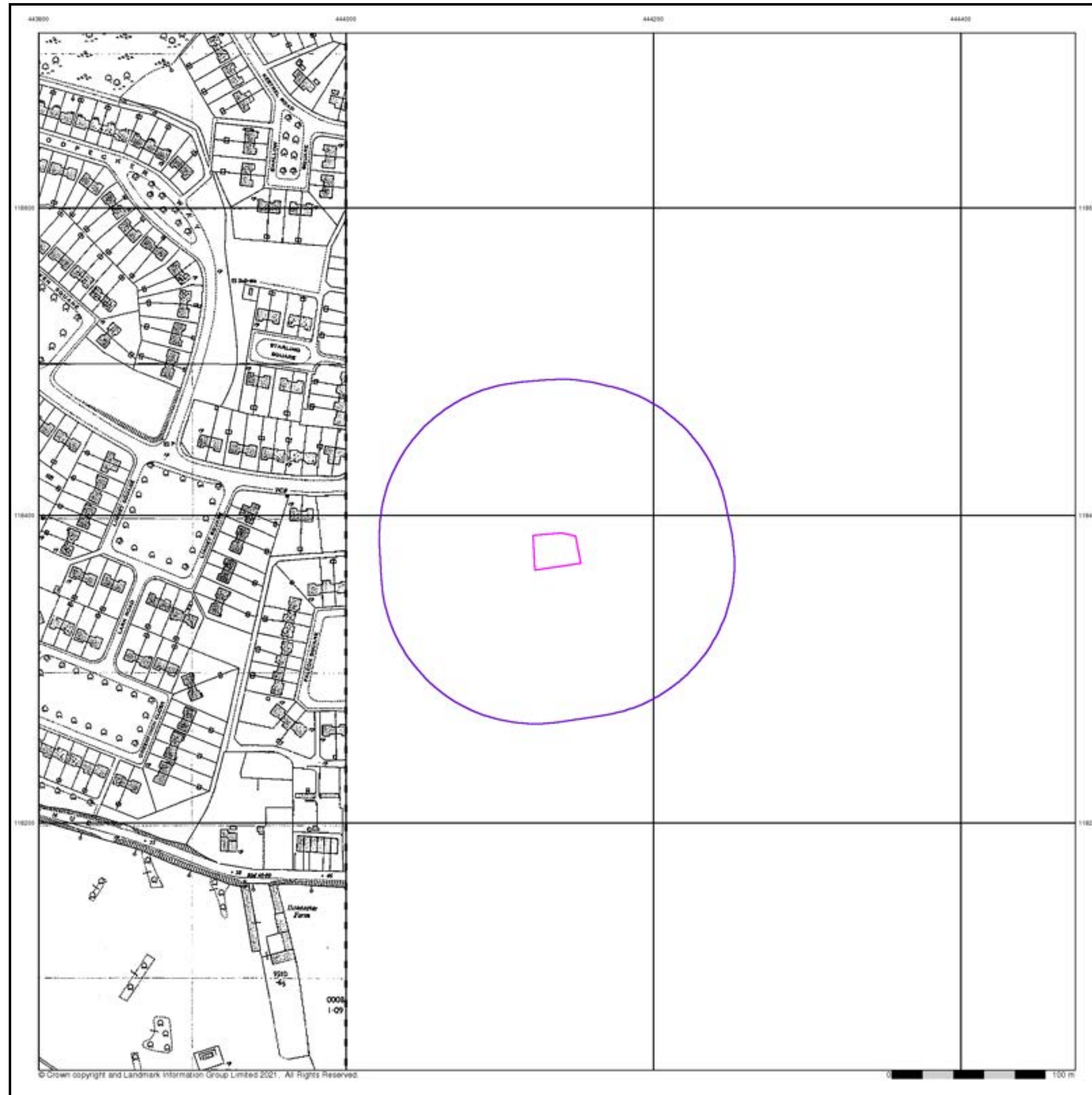
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Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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



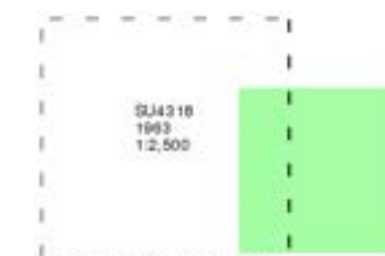
Additional SIMs

Published 1963

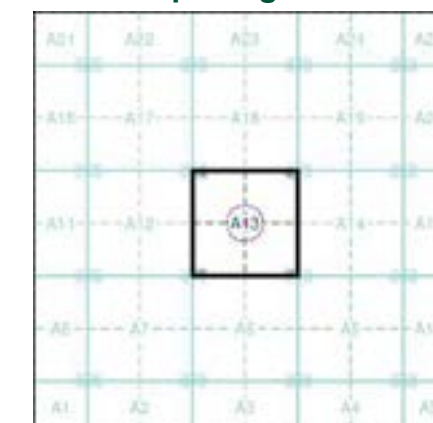
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

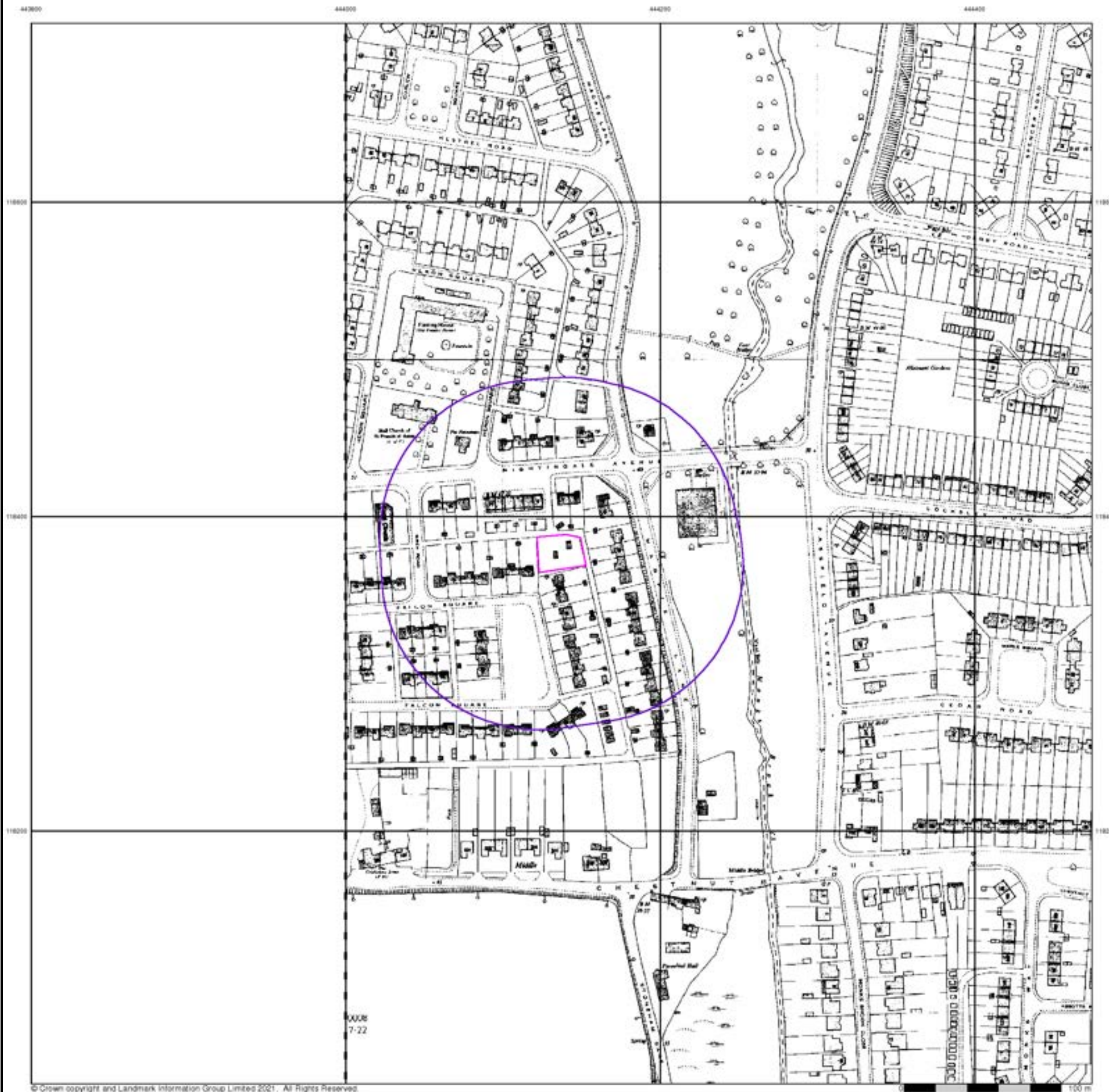
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National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

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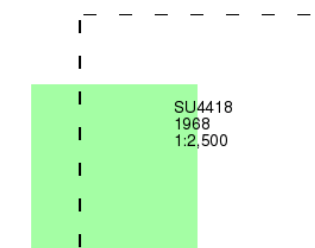
Ordnance Survey Plan

Published 1968

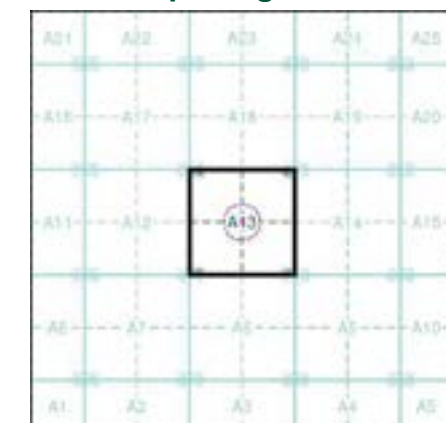
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

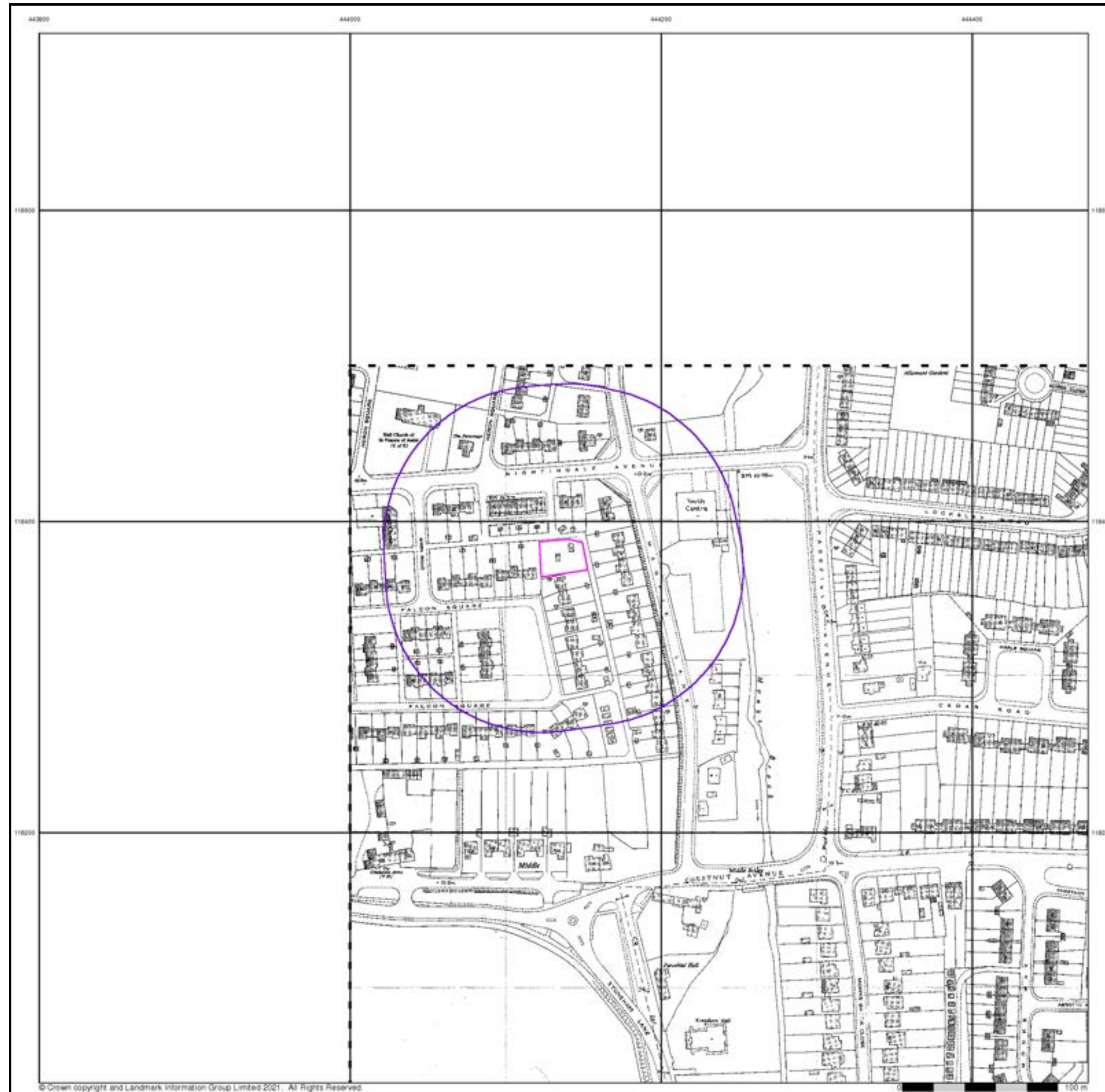
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Customer Ref: 19473
National Grid Reference: 444140, 118380
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Site Area (Ha): 0.07
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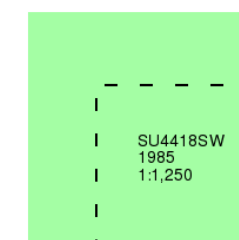
Additional SIMs

Published 1985

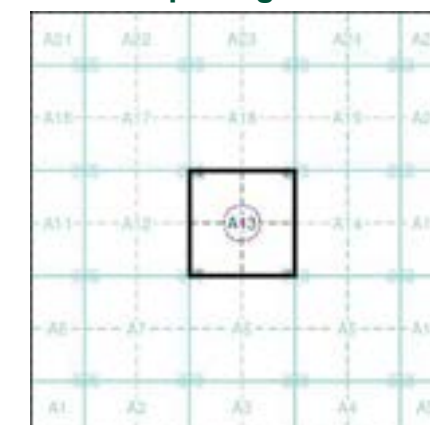
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

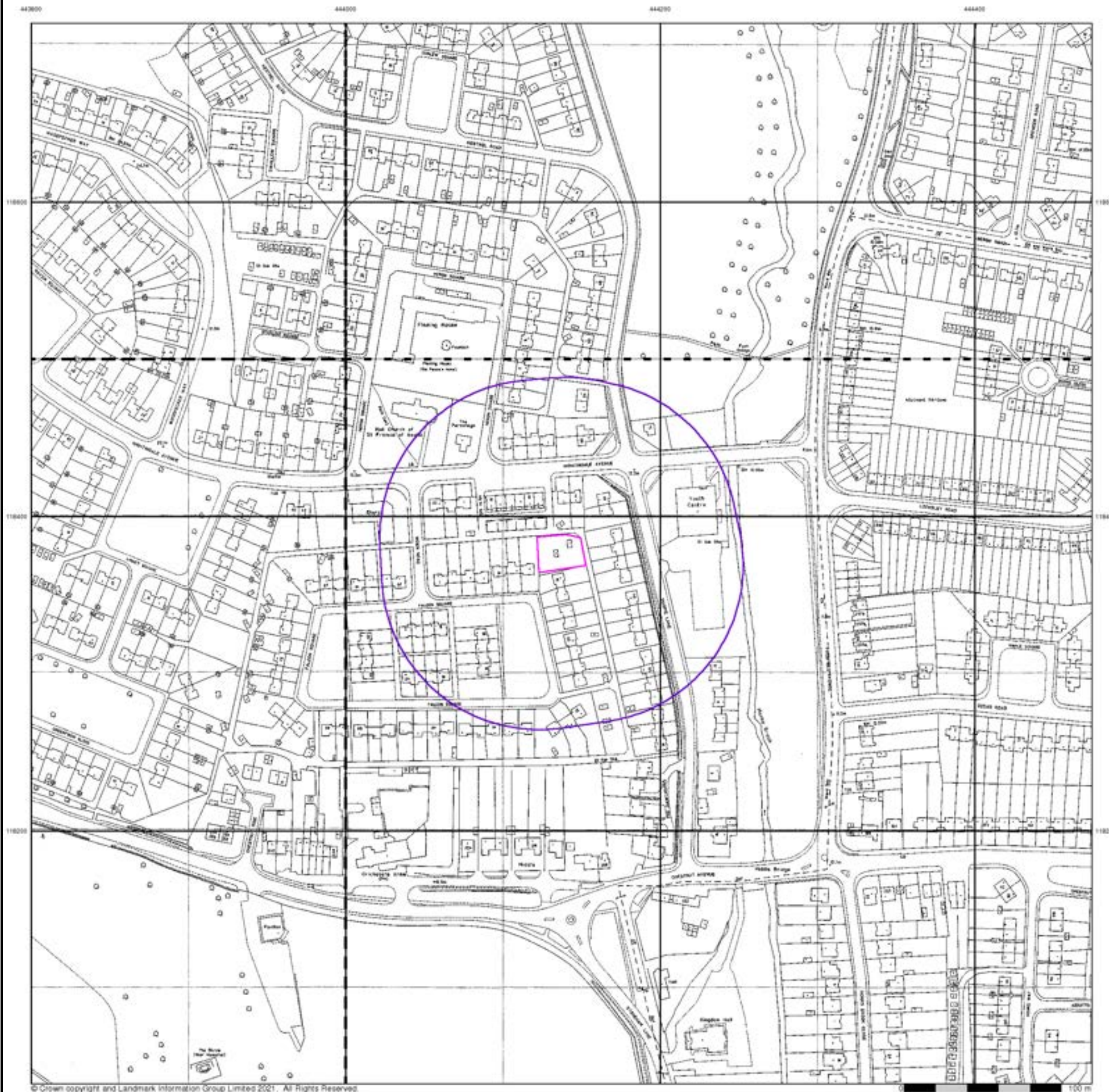
Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

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Large-Scale National Grid Data

Published 1992

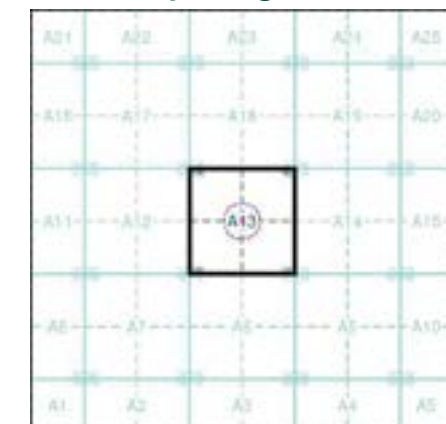
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 280783731_1_1
Customer Ref: 19473
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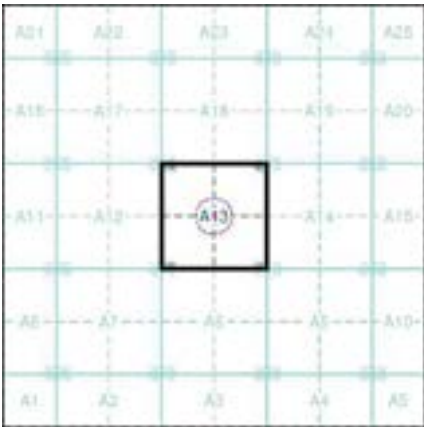


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



Order Details

Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 100

Site Details

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit

Sand Pit

Other Pits

Quarry

Shingle

Orchard

Osiers

Reeds

Marsh

Mixed Wood

Deciduous

Brushwood

Fir

Furze

Rough Pasture

Arrow denotes flow of water

Trigonometrical Station

Site of Antiquities

Bench Mark

Pump, Guide Post, Signal Post

Well, Spring, Boundary Post

-285 Surface Level

Sketched Contour

Instrumental Contour

Main Roads

Fenced

Minor Roads

Un-Fenced

Sunken Road

Raised Road

Road over Railway

Railway over River

Railway over Road

Level Crossing

Road over River or Canal

Road over Stream

Road over Stream

County Boundary (Geographical)

County & Civil Parish Boundary

Administrative County & Civil Parish Boundary

County Borough Boundary (England)

County Burgh Boundary (Scotland)

Rural District Boundary

Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry

Gravel Pit

Sand Pit

Disused Pit or Quarry

Refuse or Slag Heap

Lake, Loch or Pond

Dunes

Boulders

Coniferous Trees

Non-Coniferous Trees

Orchard

Scrub

Coppice

Bracken

Heath

Rough Grassland

Marsh

Reeds

Saltings

Building

Glasshouse

Sloping Masonry

Pylon

Electricity Transmission Line

Pole

Cutting

Embankment

Standard Gauge Multiple Track

Standard Gauge Single Track

Siding, Tramway or Mineral Line

Narrow Gauge

Geographical County

Administrative County, County Borough or County of City

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

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

Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS

Ch

CH

F E Sta

FB

Fn

GP

MP

MS

Boundary Post or Stone

Church

Club House

Fire Engine Station

Foot Bridge

Fountain

Guide Post

Mile Post

Mile Stone

Pol Sta

PO

PC

PH

SB

SB

Spr

TCB

TCP

W

Police Station

Post Office

Public Convenience

Public House

Signal Box

Spring

Telephone Call Box

Telephone Call Post

Well

1:10,000 Raster Mapping

Gravel Pit

Rock

Boulders

Shingle

Sand

Slopes

General detail

Overhead detail

Multi-track railway

County boundary (England only)

District, Unitary, Metropolitan, London Borough boundary

Area of wooded vegetation

Non-coniferous trees (scattered)

Coniferous trees (scattered)

Orchard

Rough Grassland

Scrub

Water feature

Mean high water (springs)

Telephone line (where shown)

Bench mark (where shown)

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

Site of (antiquity)

General Building

Refuse tip or slag heap

Rock (scattered)

Boulders (scattered)

Mud

Sand Pit

Top of cliff

Underground detail

Narrow gauge railway

Single track railway

Civil, parish or community boundary

Constituency boundary

Non-coniferous trees

Coniferous trees

Positioned tree

Coppice or Osiers

Heath

Marsh, Salt Marsh or Reeds

Flow arrows

Mean low water (springs)

Electricity transmission line (with poles)

Triangulation station

Pylon, flare stack or lighting tower

Glasshouse

Important Building

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1872	3
Hampshire & Isle Of Wight	1:10,560	1897	4
Hampshire & Isle Of Wight	1:10,560	1910 - 1911	5
Hampshire & Isle Of Wight	1:10,560	1931	6
Hampshire & Isle Of Wight	1:10,560	1931	7
Hampshire & Isle Of Wight	1:10,560	1938	8
Historical Aerial Photography	1:10,560	1947 - 1949	9
Ordnance Survey Plan	1:10,000	1963	10
Ordnance Survey Plan	1:10,000	1963 - 1968	11
Ordnance Survey Plan	1:10,000	1969	12
Ordnance Survey Plan	1:10,000	1978	13
Ordnance Survey Plan	1:10,000	1983 - 1989	14
Southampton	1:10,000	1986	15
Ordnance Survey Plan	1:10,000	1990	16
10K Raster Mapping	1:10,000	2000	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2021	19

Historical Map - Slice A

Order Details

Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF

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A Landmark Information Group Service v50.0 22-Jun-2021 Page 1 of 19

Russian Military Mapping Legends

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



243.8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0.2 Velocity of the current, width of river bed, depth of river
182 180 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

1:25,000 mapping



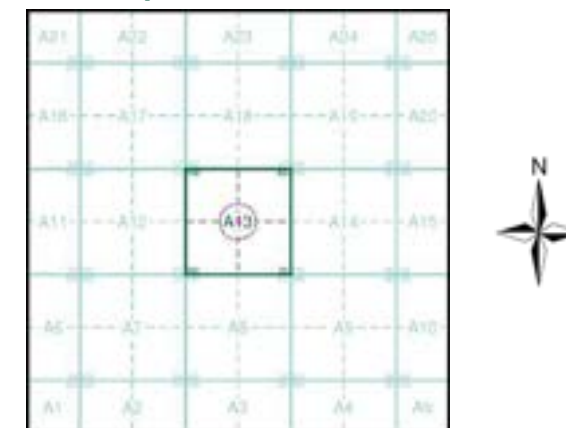
Key to Numbers on Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1872	3
Hampshire & Isle Of Wight	1:10,560	1897	4
Hampshire & Isle Of Wight	1:10,560	1910 - 1911	5
Hampshire & Isle Of Wight	1:10,560	1931	6
Hampshire & Isle Of Wight	1:10,560	1931	7
Hampshire & Isle Of Wight	1:10,560	1938	8
Historical Aerial Photography	1:10,560	1947 - 1949	9
Ordnance Survey Plan	1:10,000	1963	10
Ordnance Survey Plan	1:10,000	1963 - 1968	11
Ordnance Survey Plan	1:10,000	1969	12
Ordnance Survey Plan	1:10,000	1978	13
Ordnance Survey Plan	1:10,000	1983 - 1989	14
Southampton	1:10,000	1986	15
Ordnance Survey Plan	1:10,000	1990	16
10K Raster Mapping	1:10,000	2000	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2021	19

Russian Map - Slice A



Order Details

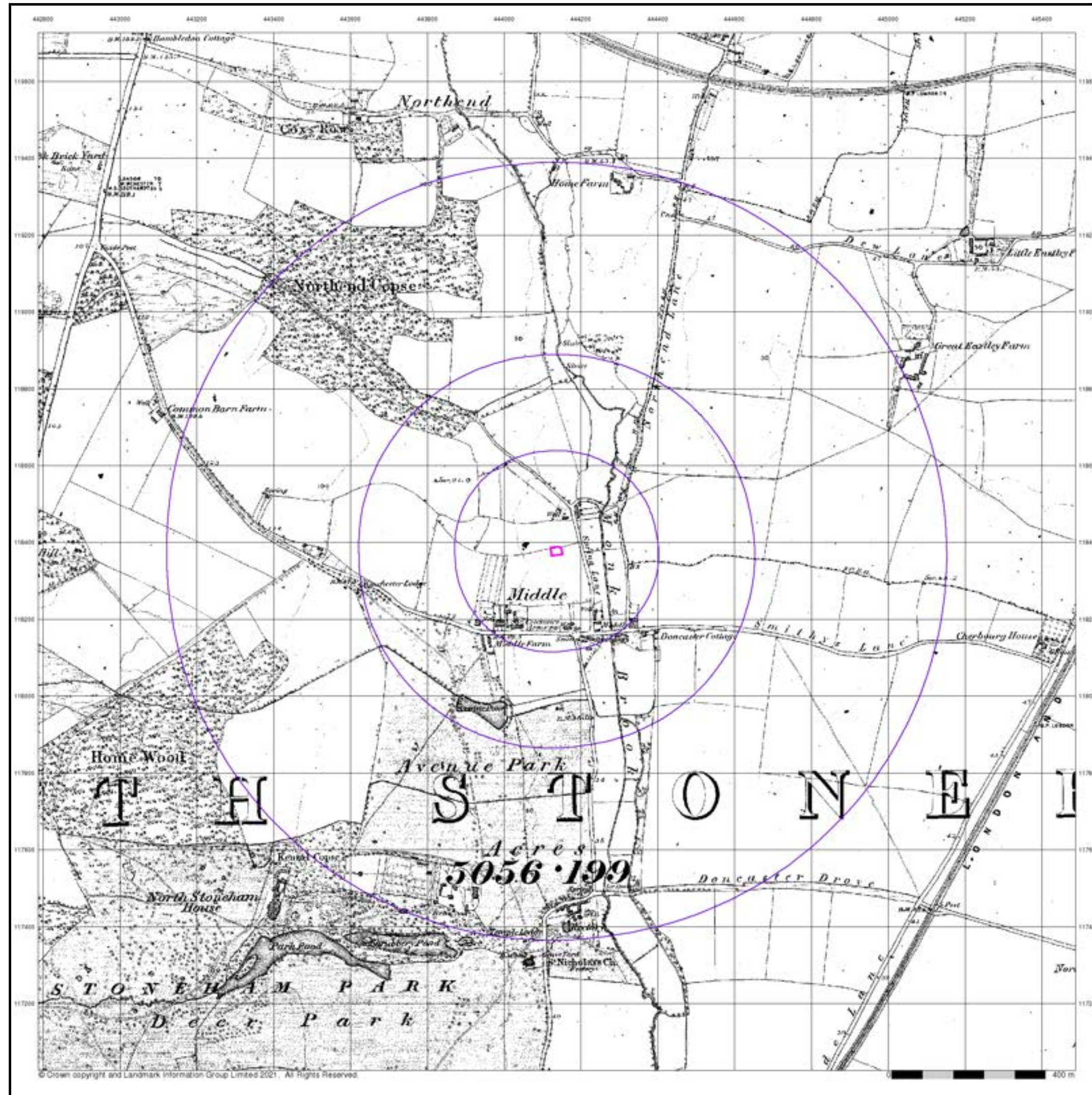
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 Customer Ref: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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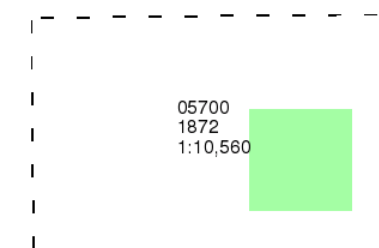
Hampshire & Isle Of Wight

Published 1872

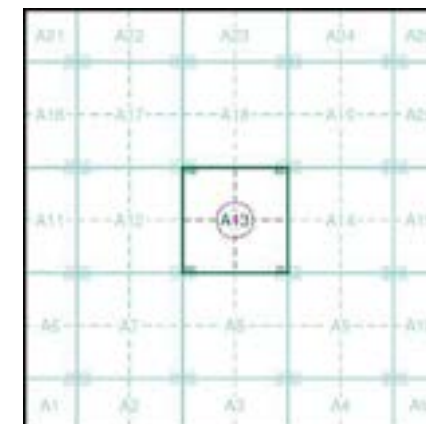
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

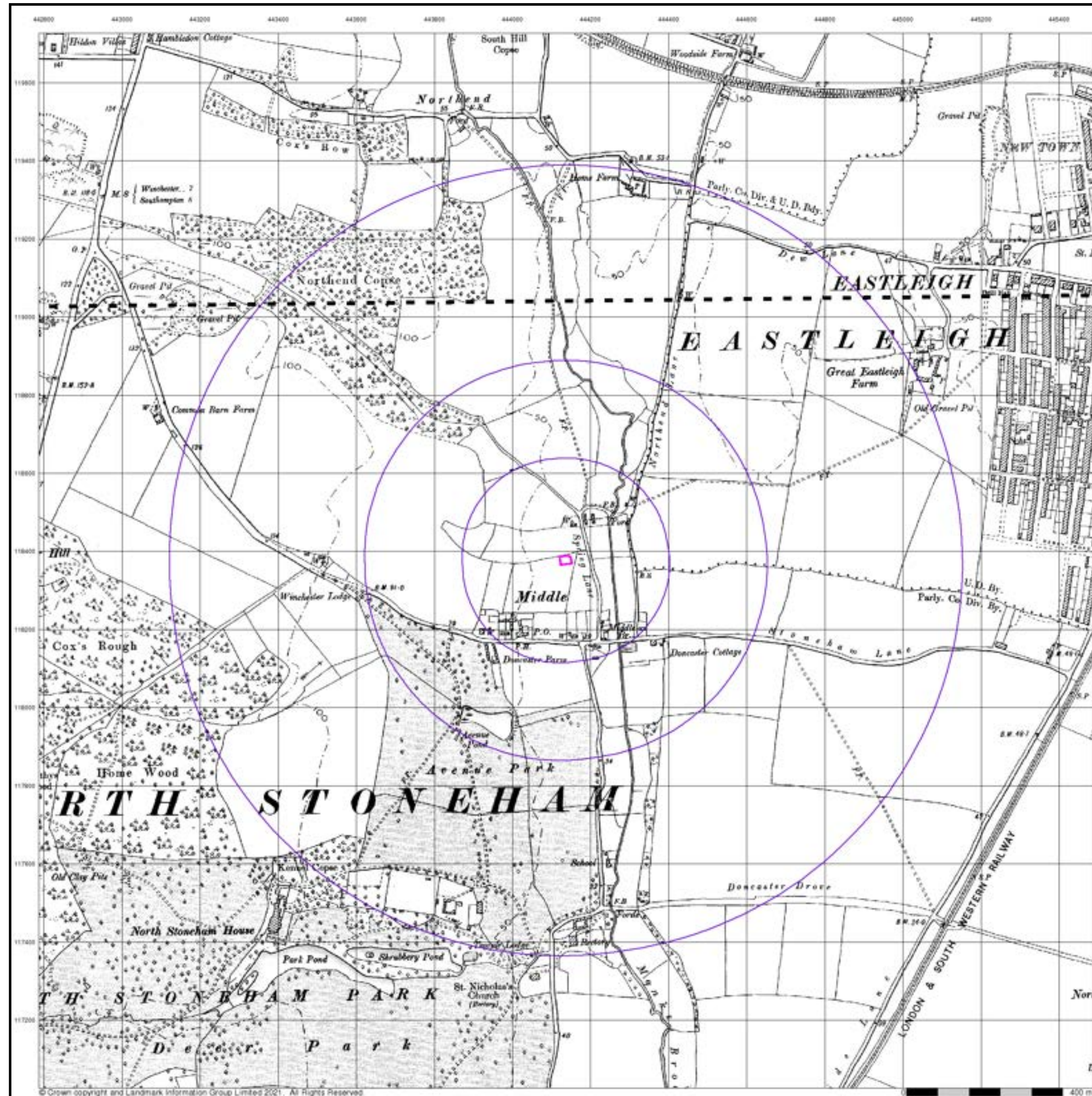
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Customer Ref: 19473
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Slice: A
Site Area (Ha): 0.07
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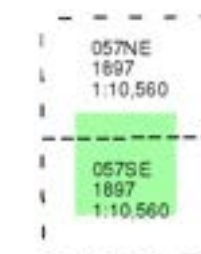
Hampshire & Isle Of Wight

Published 1897

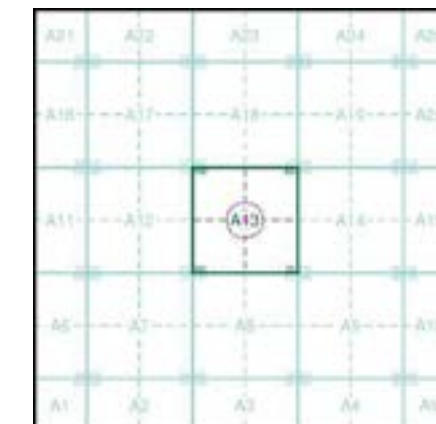
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

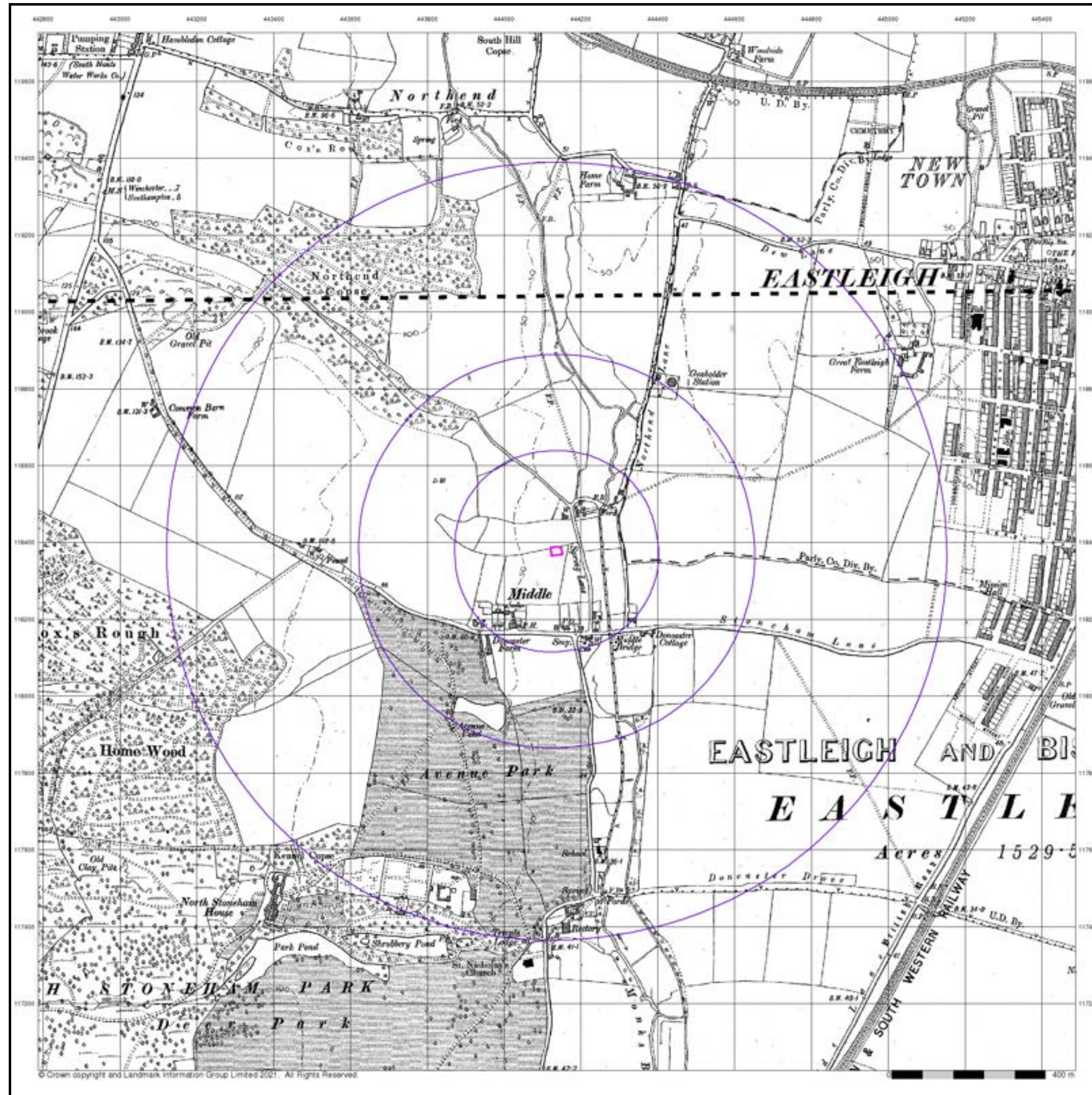
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 Customer Ref: 19473
 National Grid Reference: 444140, 118380
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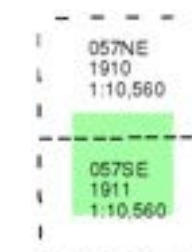
Hampshire & Isle Of Wight

Published 1910 - 1911

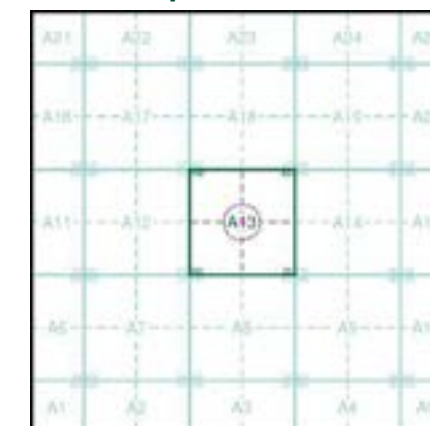
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

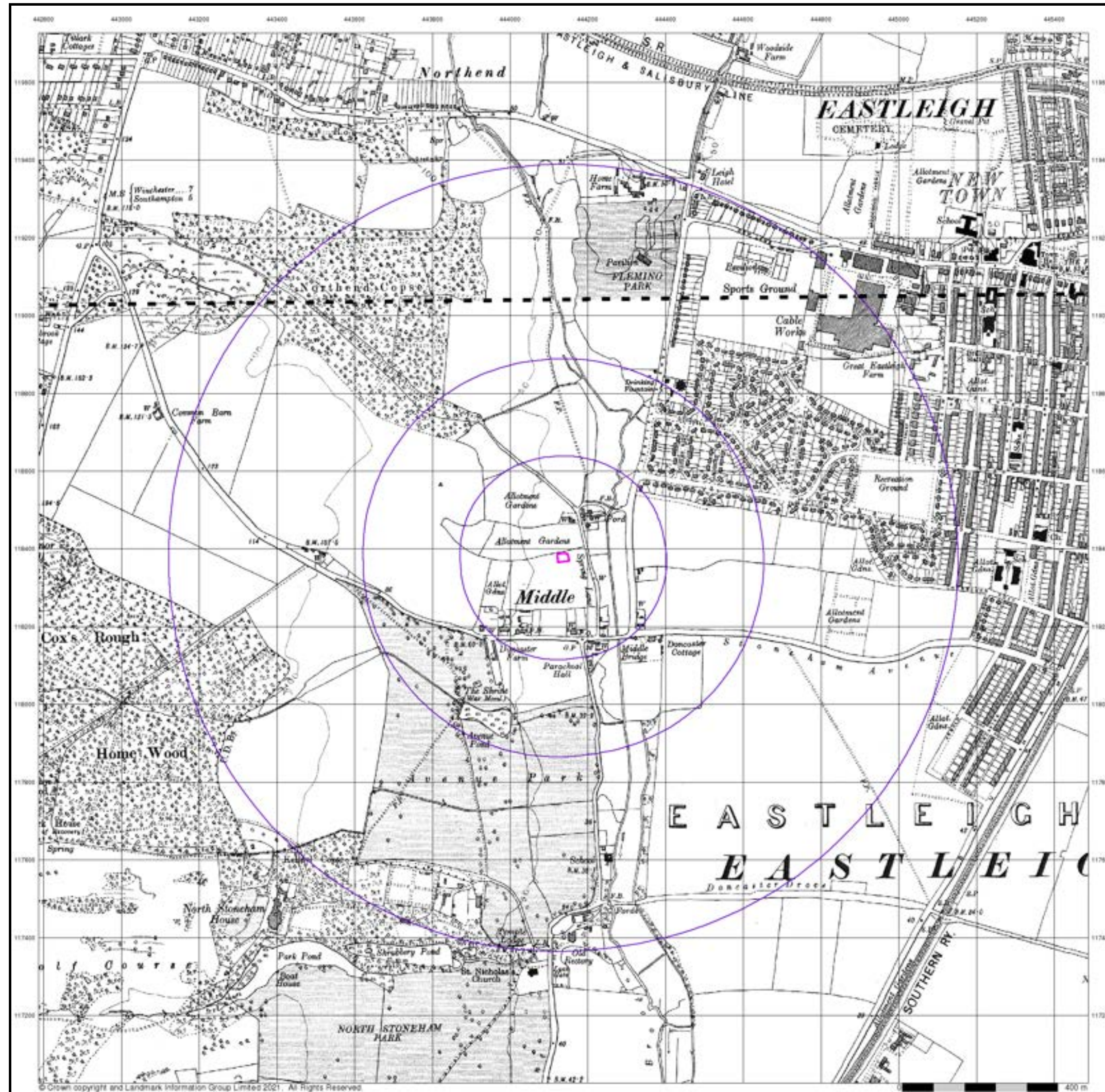
Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
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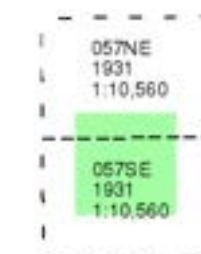
Hampshire & Isle Of Wight

Published 1931

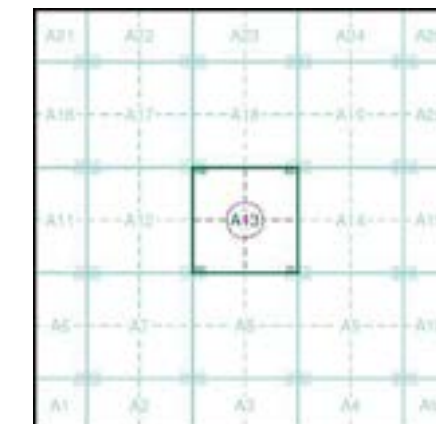
Source map scale - 1:10,560

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

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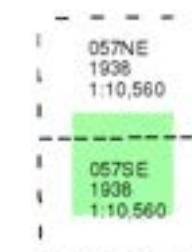
Hampshire & Isle Of Wight

Published 1938

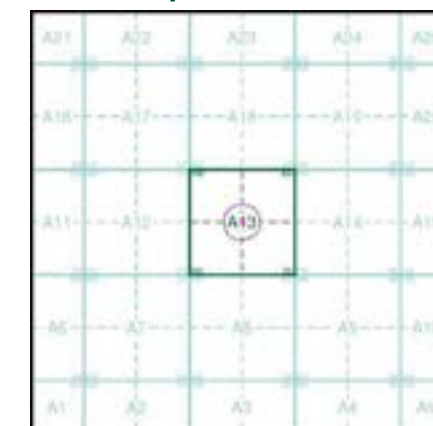
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

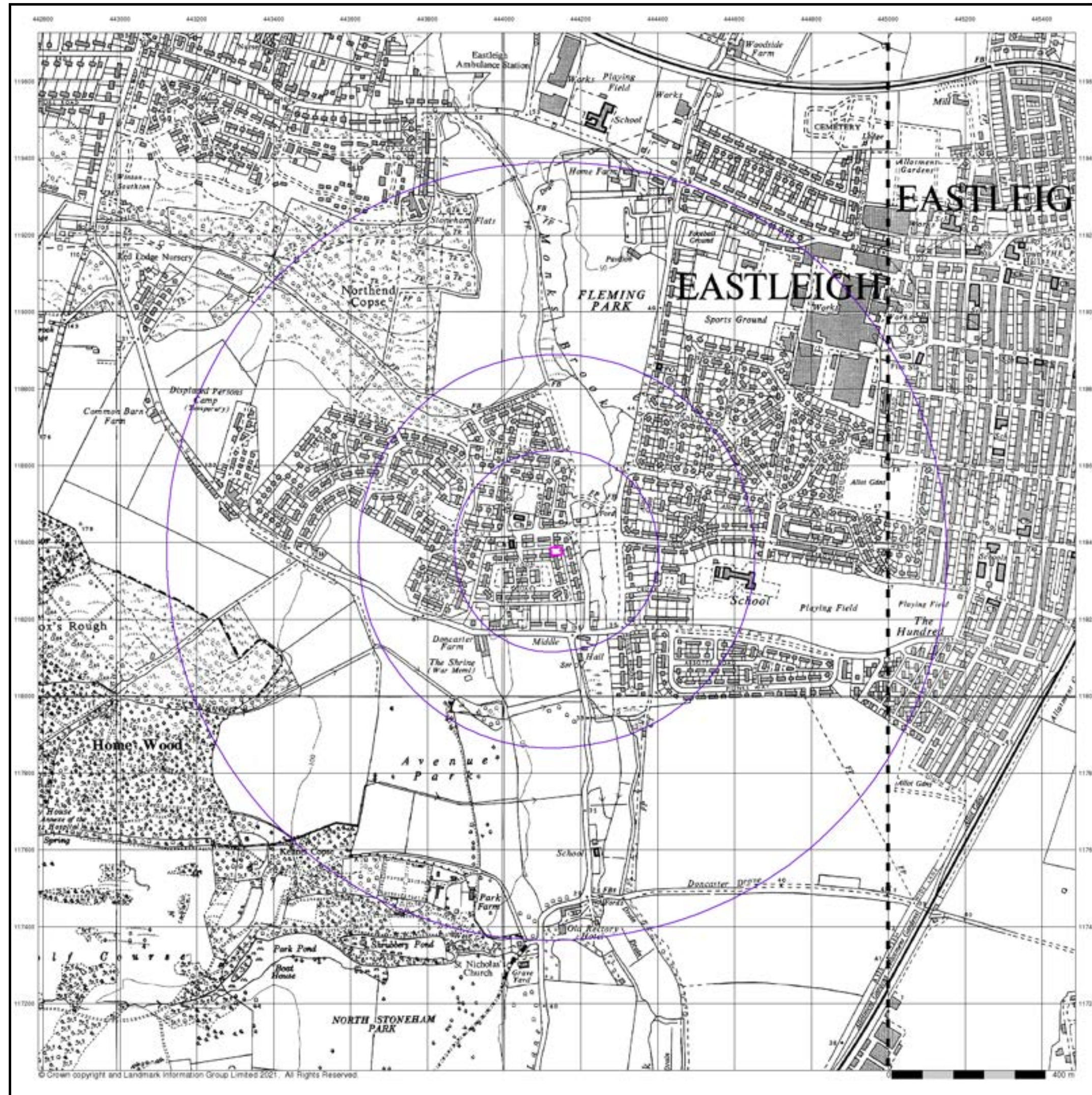
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Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
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Site Details

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Ordnance Survey Plan

Published 1963

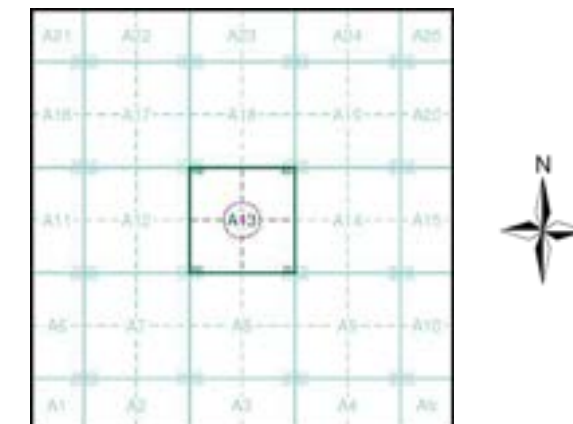
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

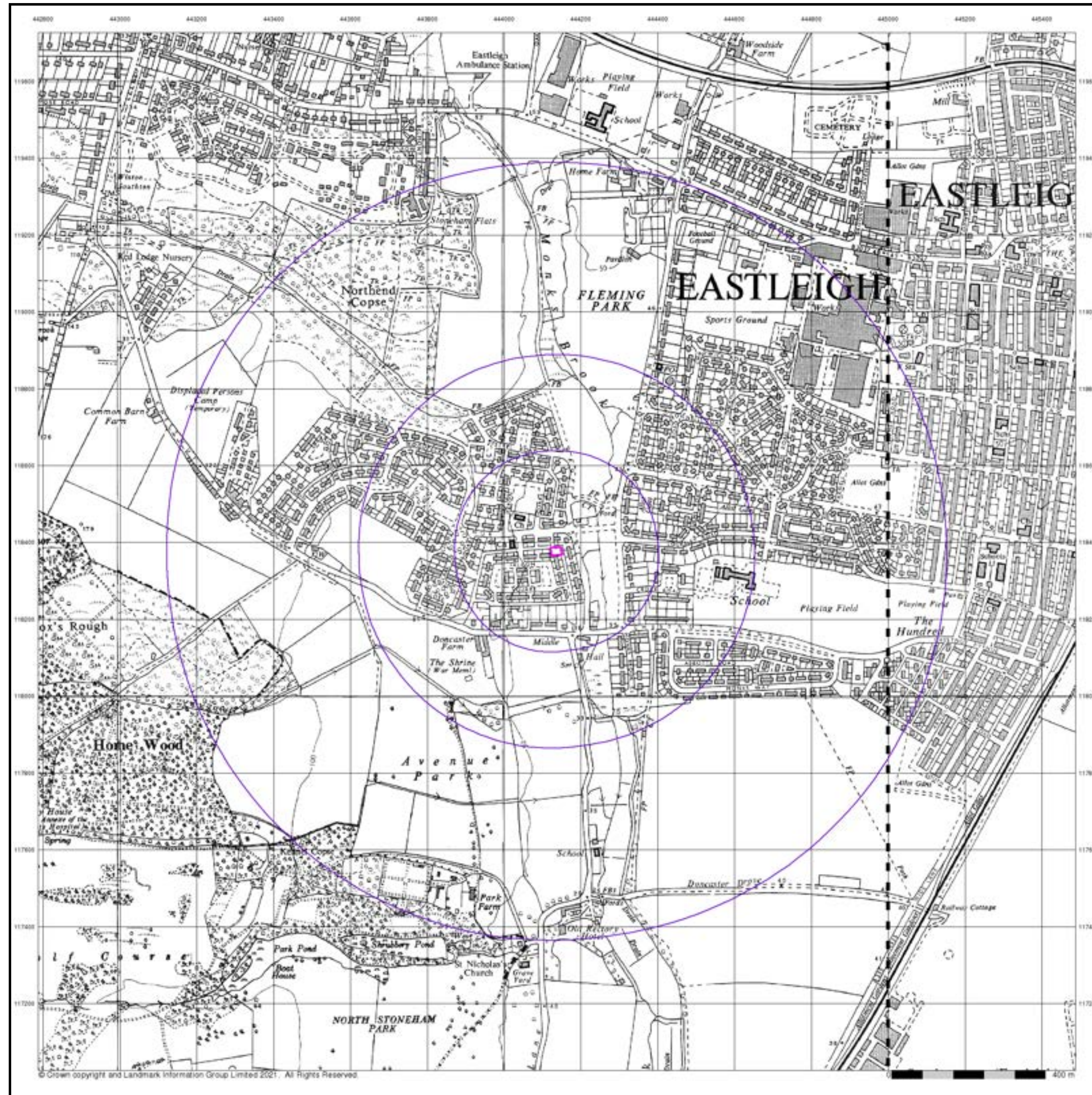
Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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Fax: 0844 844 9951
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Ordnance Survey Plan

Published 1963 - 1968

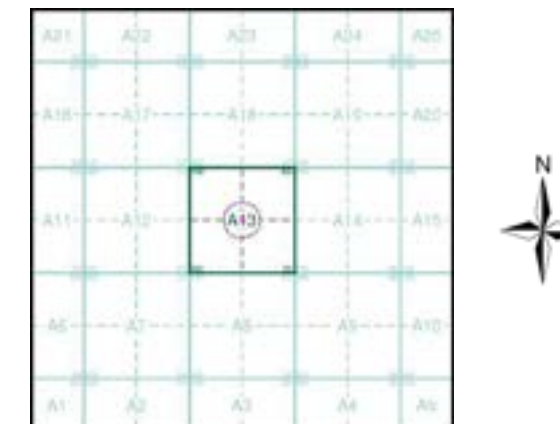
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

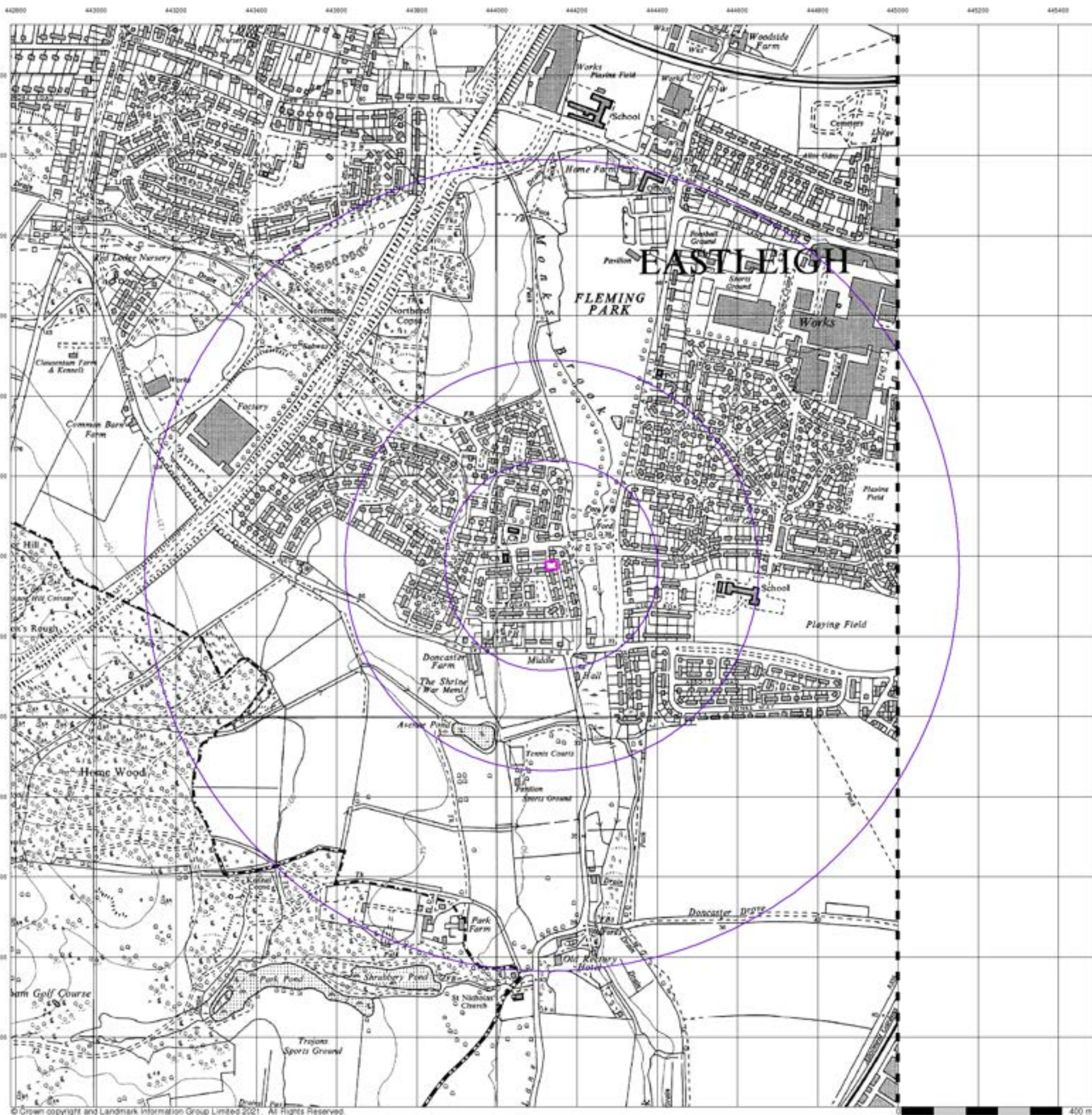
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Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

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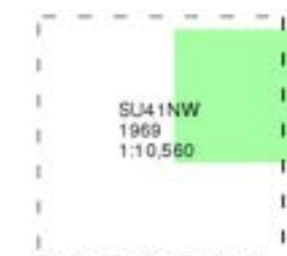
Ordnance Survey Plan

Published 1969

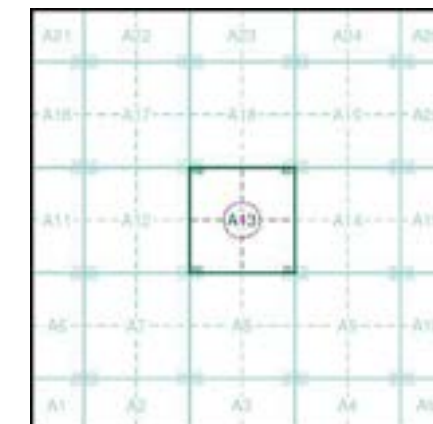
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 280783731_1_1
 Customer Ref: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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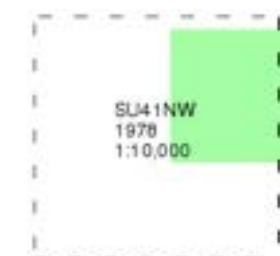
Ordnance Survey Plan

Published 1978

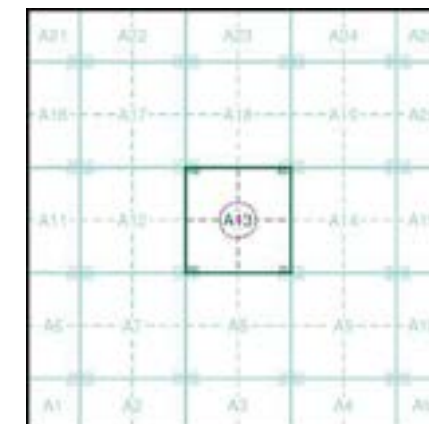
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

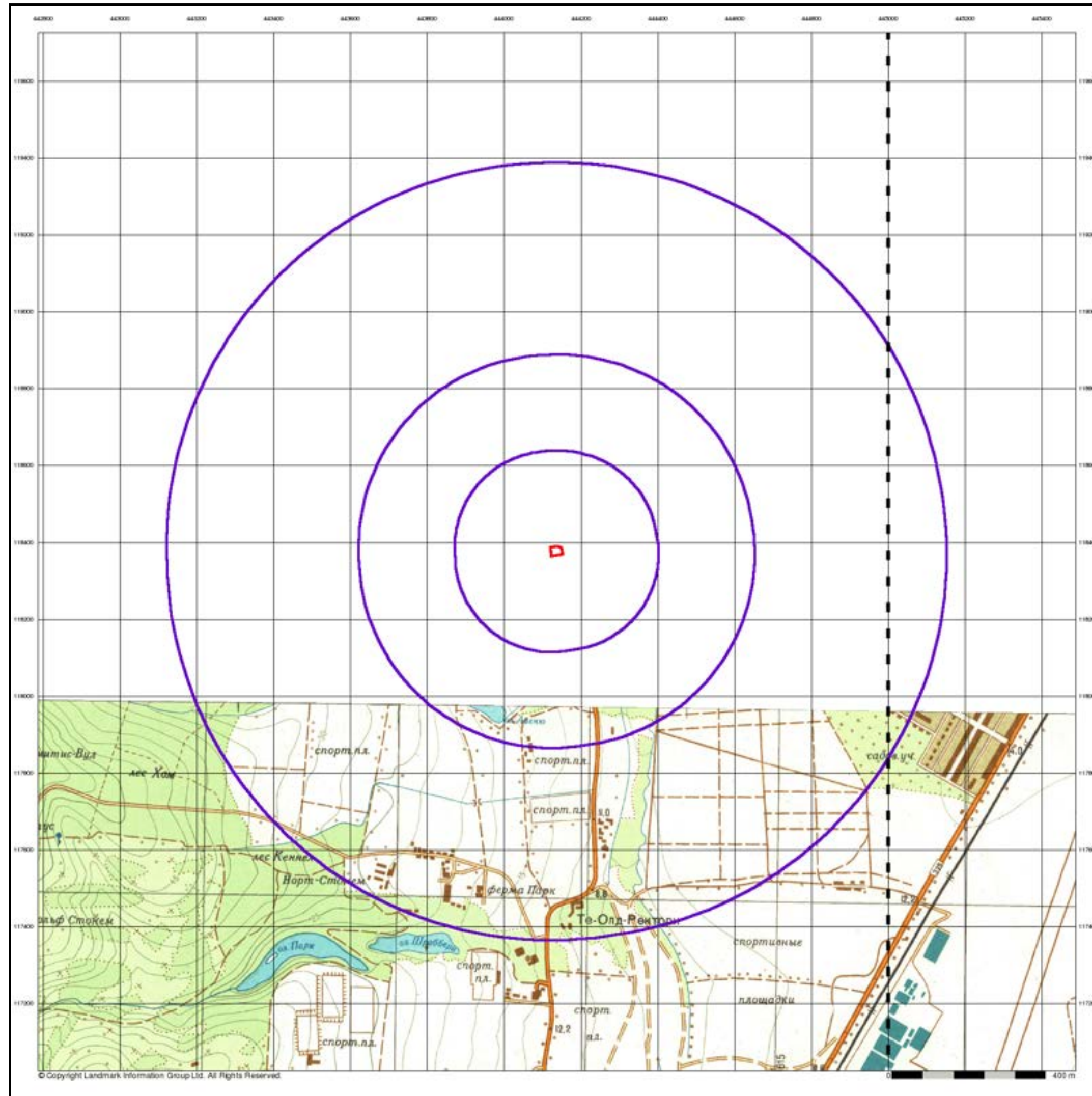
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Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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Web: www.envirocheck.co.uk



Southampton

Published 1986

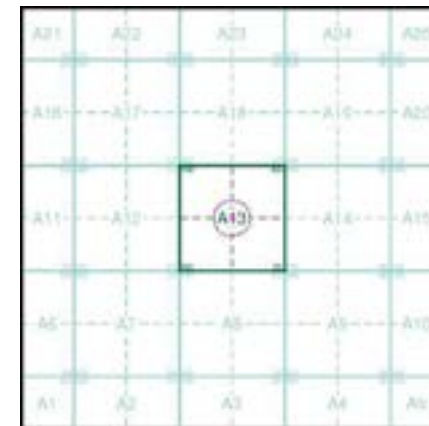
Source map scale - 1:10,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

SU41NW		SU41NE	
1986		1986	
1:10,000		1:10,000	

Russian Map - Slice A



Order Details

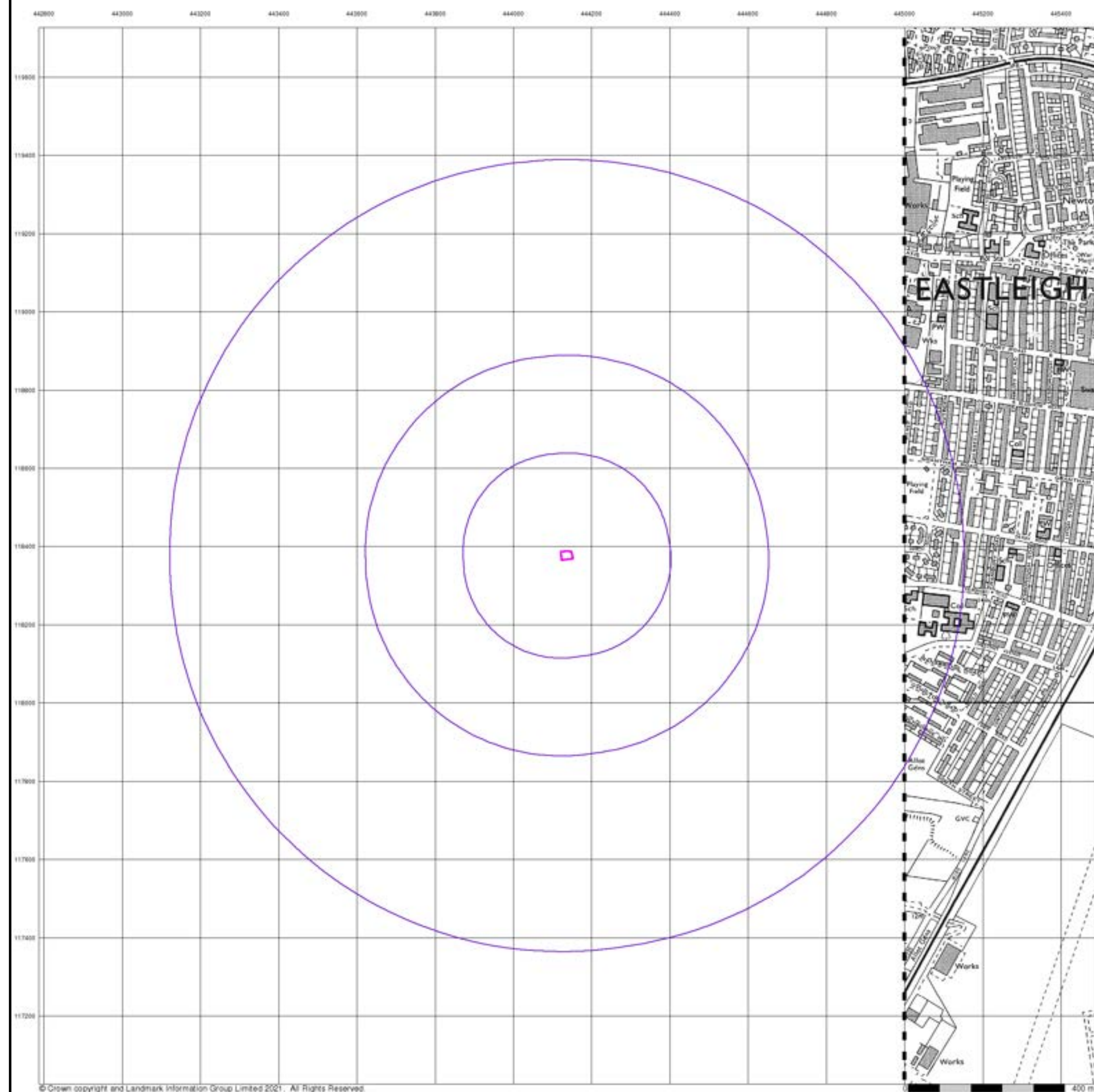
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Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

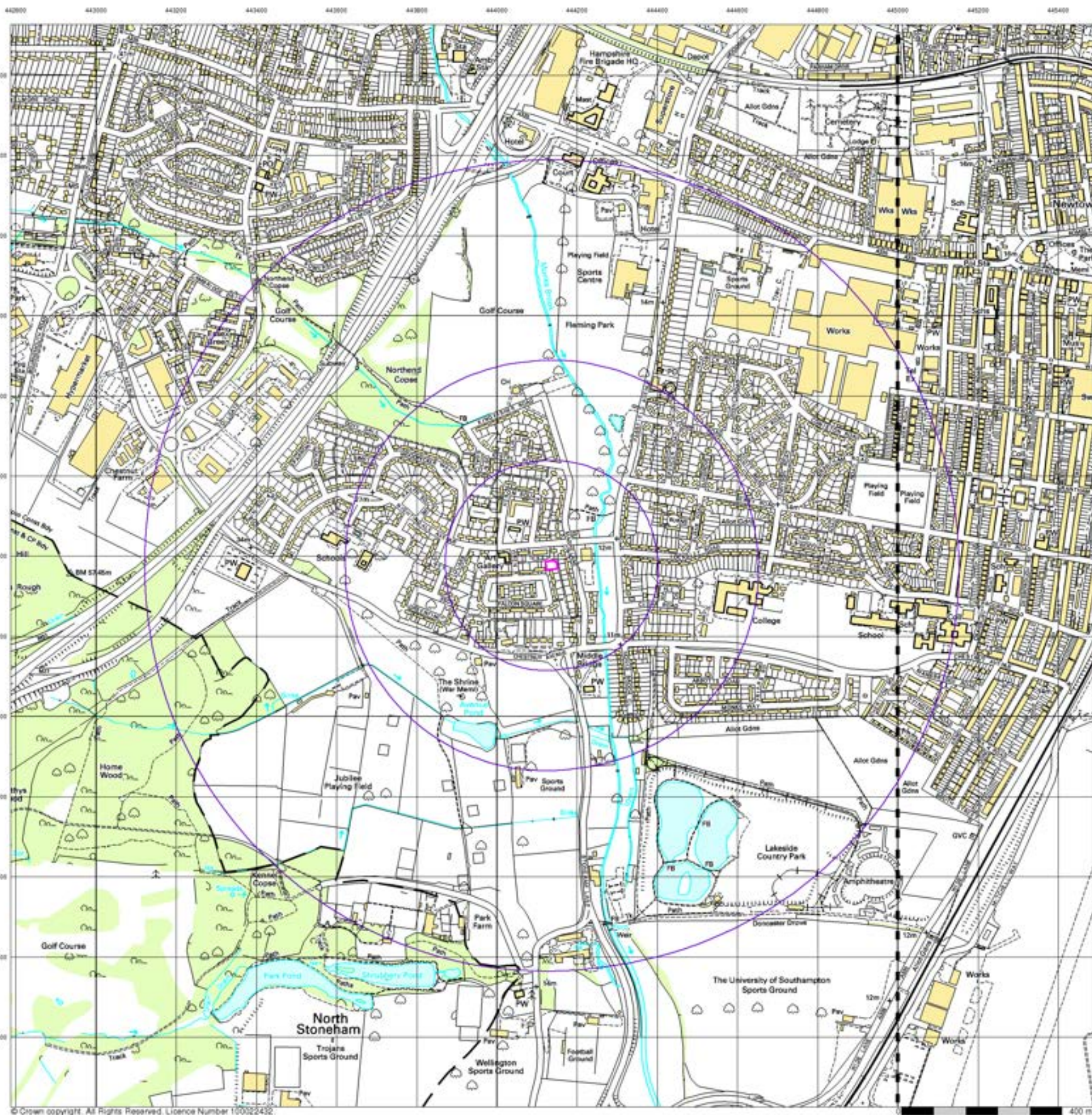
Site Details

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10k Raster Mapping

Published 2000

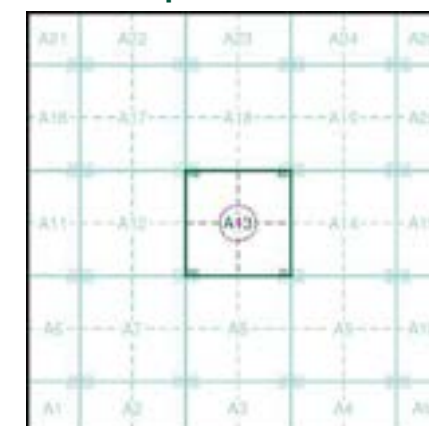
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SU41NW 2000 1:10,000	SU41NE 2000 1:10,000
----------------------------	----------------------------

Historical Map - Slice A



Order Details

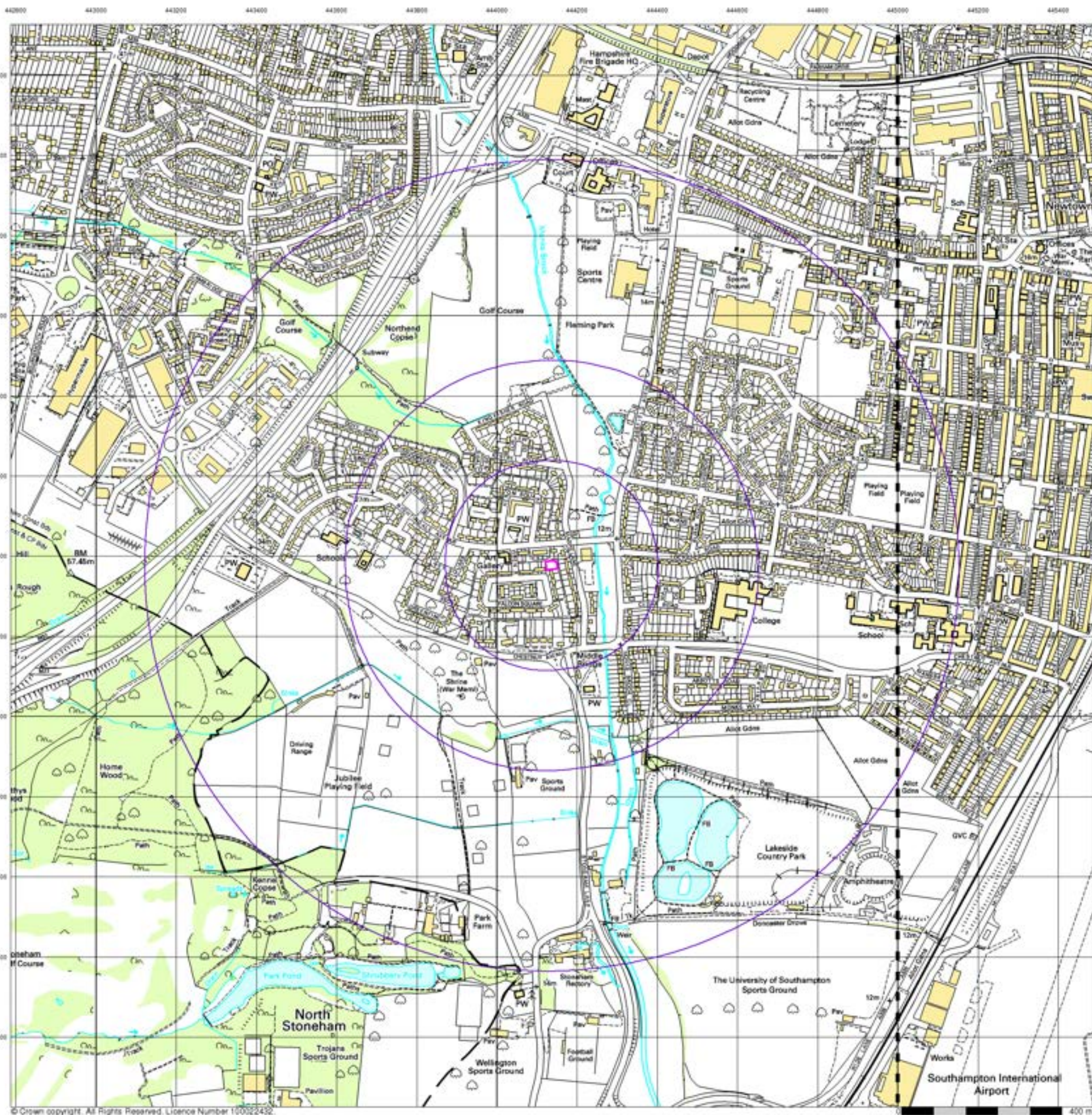
Order Number: 280783731_1_1
 Customer Ref: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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 Web: www.envirocheck.co.uk



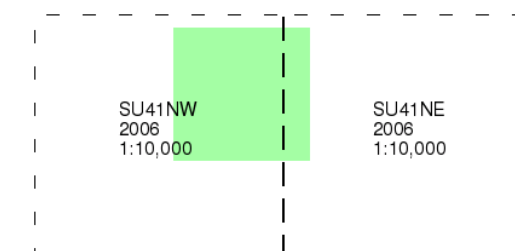
10k Raster Mapping

Published 2006

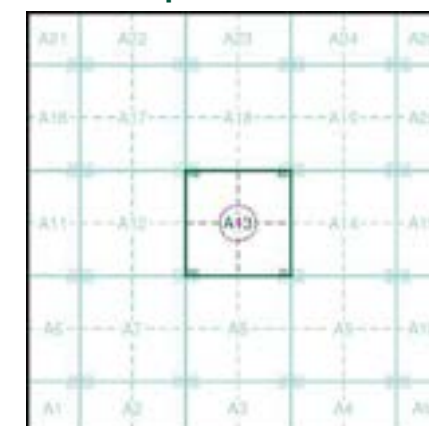
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

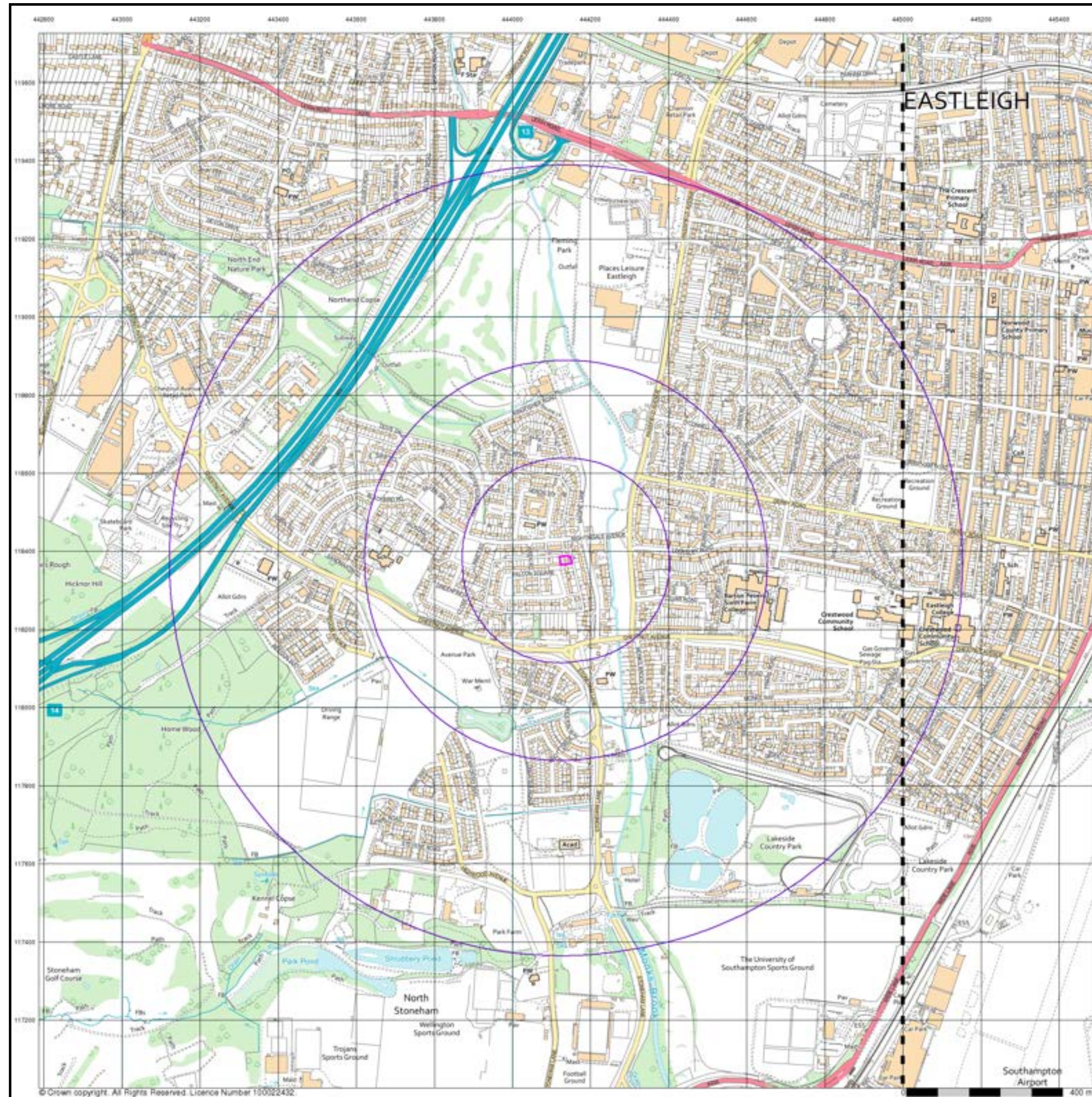
Order Number: 280783731_1_1
 Customer Ref: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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 Web: www.envirocheck.co.uk



VectorMap Local

Published 2021

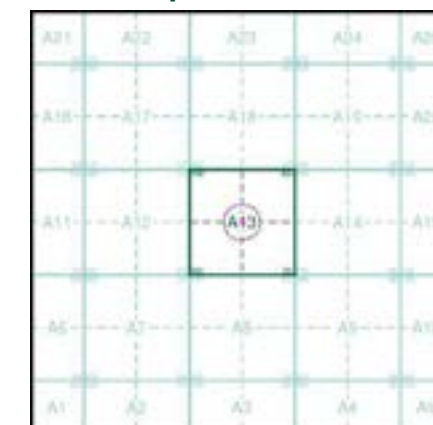
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 280783731_1_1
 Customer Ref: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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

Appendix C Landmark Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

280783731_1_1

Customer Reference:

19473

National Grid Reference:

444140, 118380

Slice:

A

Site Area (Ha):

0.07

Search Buffer (m):

1000

Site Details:

Nightingale Avenue

Eastleigh

SO50 9JF

Client Details:

Mr N Lambert

Soils Ltd

Newton House

Cross Road

Tadworth

Surrey

KT20 5SR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	24
Hazardous Substances	-
Geological	27
Industrial Land Use	30
Sensitive Land Use	37
Data Currency	38
Data Suppliers	44
Useful Contacts	45

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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Radon Potential dataset Copyright Notice

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Natural Resources Wales Copyright Notice

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		8		10
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6			1	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters	pg 7		14	21	18
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 15		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 16		1		2
Water Abstractions	pg 16				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 16	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 17	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 17	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 17		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 17		Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 17		Yes	n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 17		3	27	25

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	pg 24			1	3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 25				1
Local Authority Landfill Coverage	pg 25	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 25				1
Potentially Infilled Land (Water)	pg 25			5	2
Registered Landfill Sites	pg 26				2
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 27	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 27	Yes		Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 28	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 28		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 29	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 29	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 30		3	4	25
Fuel Station Entries	pg 32				1
Points of Interest - Commercial Services	pg 33		5		8
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 34			1	8
Points of Interest - Public Infrastructure	pg 34			4	6
Points of Interest - Recreational and Environmental	pg 35			3	7
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 37			1	3
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 37	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	A13SW (E)	0	1	444136 118376
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	164	1	444300 118450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	249	1	443900 118500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	251	1	443900 118250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	310	1	443900 118150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	316	1	443950 118100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	317	1	443850 118550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	358	1	443950 118700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	386	1	443900 118050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	406	1	443750 118550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	418	1	443800 118100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	426	1	443900 118750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	437	1	443700 118500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	456	1	443750 118650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (SW)	475	1	443700 118150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	479	1	444000 118850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	486	1	443750 118700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	487	1	443800 118000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Chestnut Avenue Ceo Chestnut Avenue, Eastleigh, -, Hampshire, So50 9lr Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00202 Permit Version: 4 Effective Date: 20th April 2016 Issued Date: 20th April 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Monks Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	231	2	444270 118170
1	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Chestnut Avenue Ceo Chestnut Avenue, Eastleigh, -, Hampshire, So50 9lr Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00202 Permit Version: 3 Effective Date: 28th June 1995 Issued Date: 28th June 1995 Revocation Date: 19th April 2016 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Monks Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	231	2	444270 118170
1	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Chestnut Avenue Ceo Chestnut Avenue, Eastleigh, -, Hampshire, So50 9lr Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00202 Permit Version: 2 Effective Date: 15th July 1993 Issued Date: 15th July 1993 Revocation Date: 27th June 1995 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Monks Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	231	2	444270 118170
1	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Chestnut Avenue Ceo Chestnut Avenue, Eastleigh, -, Hampshire, So50 9lr Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00202 Permit Version: 1 Effective Date: 30th October 1989 Issued Date: 30th October 1989 Revocation Date: 14th July 1993 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	231	2	444270 118170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Overflow At Chestnut Avenue, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01150 Permit Version: 1 Effective Date: 18th January 1963 Issued Date: 18th January 1963 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	249	2	444270 118150
2	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Pirelli General Cable Works Ltd., P.O. Box 6,, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: W00269 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 14th March 2005 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	246	2	444270 118600
2	Discharge Consents Operator: Pirelli General Cable Works Ltd. Property Type: Undefined Or Other Location: Pirelli General Cable Works Ltd., P.O. Box 6, Leigh Road, Eastleigh Hampshire Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: N00109 Permit Version: 1 Effective Date: 3rd March 1980 Issued Date: 3rd March 1980 Revocation Date: 25th May 1999 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater Stream Or River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	246	2	444270 118600
2	Discharge Consents Operator: Pirelli General Cable Works Ltd. Property Type: Undefined Or Other Location: Pirelli General Cable Works Ltd., P.O. Box 6, Leigh Road, Eastleigh Hampshire Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: N00109 Permit Version: 2 Effective Date: 26th May 1999 Issued Date: 3rd March 1980 Revocation Date: 14th January 2004 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Tips) Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater Stream Or River Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	246	2	444270 118600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: R E Hallett Esq Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Plant & Trees, Stoneham Lane, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N03417 Permit Version: 1 Effective Date: 14th December 1978 Issued Date: 14th December 1978 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8SE (S)	696	2	444250 117680
4	Discharge Consents Operator: S.G. Webb Esq. Property Type: Undefined Or Other Location: Stoneycroft, Chestnut Avenue, North Stoneham, Eastleigh Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01738 Permit Version: 1 Effective Date: 18th October 1963 Issued Date: 18th October 1963 Revocation Date: 31st March 1997 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A12NW (W)	742	2	443380 118390
5	Discharge Consents Operator: Manor Bakeries Ltd. Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE Location: North Stoneham School/Schoolhse, Stoneham Lane, North Stoneham, Eastleigh Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H02007 Permit Version: 1 Effective Date: 12th January 1967 Issued Date: 12th January 1967 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A8SE (S)	774	2	444240 117600
6	Discharge Consents Operator: Department Of Transport Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: Outfall 'B' Of The M3 Motorway, Chestnut Avenue, EASTLEIGH, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01719 Permit Version: 1 Effective Date: 5th July 1988 Issued Date: 5th July 1988 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A12NW (W)	815	2	443310 118450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: C L Mathieson Ltd Property Type: HOLIDAY ACCOM/CAMP SITE/CARAVAN SITE/HOTEL/HOSTEL Location: The Concorde Club, Stoneham Lane, Eastleigh, Hampshire, So50 9hq Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07446 Permit Version: 2 Effective Date: 15th February 2016 Issued Date: 15th February 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8SE (S)	837	2	444329 117551
8	Discharge Consents Operator: C L Mathieson Ltd Property Type: HOLIDAY ACCOM/CAMP SITE/CARAVAN SITE/HOTEL/HOSTEL Location: The Concorde Club, Stoneham Lane, Eastleigh, Hampshire, So50 9hq Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07446 Permit Version: 1 Effective Date: 20th April 2000 Issued Date: 20th April 2000 Revocation Date: 15th February 2016 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Monks Brook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	869	2	444280 117510
9	Discharge Consents Operator: Eastleigh Borough Council Property Type: CULTURAL/ZOO/COMMUNITY CENTRE/MUSEUM/LIBRARY/ARCHIVE Location: Lakeside Watersports Centre Lakeside Country Park, Wide Lane, Eastleigh, Hampshire, So50 5pe Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Epreb3091nu Permit Version: 1 Effective Date: 21st April 2016 Issued Date: 21st April 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Monks Brook Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8SE (S)	897	2	444285 117482
9	Discharge Consents Operator: Department Of Transport Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: M27 Stoneham Interchange, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01194 Permit Version: 1 Effective Date: 8th December 1981 Issued Date: 8th December 1981 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A8SE (S)	917	2	444270 117460

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Jeeves Investments Limited Partnership Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Stoneham Park, Stoneham Rectory, Stoneham Lane, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07010 Permit Version: 1 Effective Date: 6th March 1998 Issued Date: 6th March 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	931	2	444230 117440
10	Discharge Consents Operator: Department Of Transport Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: Outfall 'D6' Of The M3 Motorway, Monks Brook South East, Adjacent To Leigh Road, EASTLEIGH, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01720 Permit Version: 1 Effective Date: 5th July 1988 Issued Date: 5th July 1988 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A18NW (N)	957	2	444040 119340
11	Prosecutions Relating to Controlled Waters Location: Monks Brook, Chestnut Avenue Pumping Station, Eastleigh Prosecution Text: Causing untreated sewage to enter a watercourse Prosecution Act: Wra91 S85 Hearing Date: 27th October 2010 Verdict: Guilty Fine: 5000 Cost: 3455 Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	212	2	444234 118174
12	Local Authority Pollution Prevention and Controls Name: Monksbrook Service Station (Total) Location: 147 - 149 Passfield Avenue, EASTLEIGH, Hampshire, SO50 9NH Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: LAPPC029 Dated: 23rd December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A18SE (NE)	496	3	444402 118813
13	Local Authority Pollution Prevention and Controls Name: Scotthall Hampshire Location: Chestnut Avenue, Chandlers Ford, EASTLEIGH, Hampshire, SO53 3WU Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: RRV10 Dated: 7th October 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A12NW (W)	983	3	443159 118585
	Nearest Surface Water Feature	A13NE (E)	96	-	444246 118391

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Fleming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Large Quantity Of Oil In Brook; Miscellaneous Premises: Unknown Incident Date: 21st May 1994 Incident Reference: 1302 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	125	2	444200 118500
15	Pollution Incidents to Controlled Waters Property Type: Construction Location: Selling Park, Passfield Avenue, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Stream Brown And Smelling Of Diesel Incident Date: 14th August 1996 Incident Reference: 796378 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Inadequate Construction Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	150	2	444300 118395
15	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Next To Youth Club, Nightingale Avenue, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Waste Oil Note: Oil In Monks Brook; Domestic/Residential Incident Date: 11th December 1994 Incident Reference: 1604 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	151	2	444300 118400
15	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Nightingale Avenue, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Stream Is Milky Coloured Incident Date: 11th March 1996 Incident Reference: 796112 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	155	2	444305 118395
15	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Nightingale Avenue, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil On The Brook Incident Date: 21st March 1996 Incident Reference: 796125 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	156	2	444305 118400
15	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Up Stream Of, Nightingale Avenue, EASTLEIGH, Hampshire Authority: Environment Agency, Southern Region Pollutant: Chemicals - Detergents/Surfactant Note: Foam On Monks Brook Incident Date: 13th May 1997 Incident Reference: 797245 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	157	2	444305 118405

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Rear Of Callers Address Authority: Environment Agency, Southern Region Pollutant: Chemicals - Detergents/Surfactant Note: Foam And Strong Odour In Brook; Industrial: Other Incident Date: 31st March 1995 Incident Reference: 1768 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	163	2	444300 118300
16	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Fleming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Chemicals - Detergents/Surfactant Note: Foam On Brook; Miscellaneous Premises: Other Incident Date: 3rd August 1995 Incident Reference: 1986 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	165	2	444300 118295
17	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Pirelli Cables, Leigh Road Authority: Environment Agency, Southern Region Pollutant: Chemicals - Alkali Note: Caustic Soda To Surface Water Drains Incident Date: 12th October 1992 Incident Reference: 335 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	186	2	444300 118495
17	Pollution Incidents to Controlled Waters Property Type: Other Transport Location: Near Paddling Pool, Flemming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil Coming From Outlet Pipe; Road (Road Traffic Accident) Incident Date: 15th September 1995 Incident Reference: 2068 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	189	2	444300 118500
18	Pollution Incidents to Controlled Waters Property Type: WSC Sewage, Sewerage & Supply Location: (TIRS SERIAL: 799254) MONKS BROOK D/S CHESTNUT AVE. BRIDGE // TIRS CAT Authority: Environment Agency, Southern Region Pollutant: General Biodegradable : Crude Sewage & Sewerage Material Note: Not Supplied Incident Date: 19th April 1999 Incident Reference: 167 Catchment Area: Not Supplied Receiving Water: Not Supplied Cause of Incident: Drainage Failures : Foul Sewer Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	224	2	444300 118200
18	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Behind Monk Brook Close Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Unknown Note: Dead Fish In River; Domestic/Residential Incident Date: 4th September 1995 Incident Reference: 2044 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	A13SE (SE)	224	2	444300 118200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Chestnut Avenue, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Stream Muddy And Cloudy Incident Date: 26th February 1992 Incident Reference: 518 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	A13SE (SE)	228	2	444300 118195
18	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Nightingale Avenue, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Gas Oil Note: Oil On The Monks Brook Incident Date: 29th September 1993 Incident Reference: 871 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	A13SE (SE)	232	2	444305 118195
19	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Junction Of Passfield Ave &, Nightingale Ave, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Other Mineral & Synthetic Oils Note: Not Supplied Incident Date: 13th May 1999 Incident Reference: 210 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	258	2	444300 118595
19	Pollution Incidents to Controlled Waters Property Type: Horticultural Location: Monks Brook, Stoneham Lane, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil On Monks Brook Incident Date: 14th October 1998 Incident Reference: 798496 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	262	2	444300 118600
20	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: 5 Monks Brook Close Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil On Monks Brook Incident Date: 26th July 1996 Incident Reference: 796344 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	307	2	444280 118090
21	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Monks Brook Behind, 8 Monks Brook Close Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Thick Grey Film On Top Of Water; Miscellaneous Premises: Unknown Incident Date: 14th August 1995 Incident Reference: 2002 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	A13SE (SE)	307	2	444300 118100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Opposite Stoeham Lane, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Chemicals - Unknown Note: Monks Brook Is Very Frothy Incident Date: 12th May 1993 Incident Reference: 658 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	A13SE (SE)	334	2	444350 118100
21	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Chestnut Avenue Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Burst Rising Main; Water Company Sewage: Rising Main Incident Date: 13th November 1994 Incident Reference: 1553 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	A13SE (SE)	366	2	444400 118100
22	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Fleming Park, Nightingale Avenue, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil Entering Stream; Miscellaneous Premises: Other Incident Date: 17th May 1995 Incident Reference: 1852 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	344	2	444300 118695
22	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Opposite Derby Road, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Diesel Entering Brook From Pipe Incident Date: 4th October 1996 Incident Reference: 796456 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	346	2	444295 118700
22	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Flemming Park Golf Course Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil On Monks Brook; Miscellaneous Premises: Other Incident Date: 19th October 1995 Incident Reference: 2128 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	346	2	444305 118695
22	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Outfall Near, Fleming Park Paddling Pool, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Diesel Smell In Outfall And Other Complaints; Miscellaneous Premises: Other Incident Date: 18th May 1995 Incident Reference: 1882 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	348	2	444300 118700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Flemming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Foam Note: Foam On Monks Brook Incident Date: 8th June 1996 Incident Reference: 796267 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	351	2	444295 118705
22	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Fleming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil On Brook Incident Date: 19th July 1993 Incident Reference: 766 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	351	2	444305 118700
22	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Fleming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil Seen On Brook Over Serval Days Mainly Late Incident Date: 9th April 1992 Incident Reference: 18 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	353	2	444300 118705
22	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Nightingale Avenue, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil On The Monks Brook Incident Date: 1st October 1993 Incident Reference: 873 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	355	2	444305 118705
23	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Rear Of, No 5 Monks Brook Close Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Foam Note: Foam On Monks Brook Incident Date: 22nd July 1996 Incident Reference: 796458 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial - Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	369	2	444400 118095
24	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Monks Brook, Monks Brook Close, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Unknown Note: Dead Fish; Miscellaneous Premises: Unknown Incident Date: 5th August 1995 Incident Reference: 2061 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	A8NE (SE)	398	2	444300 118000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Fleming Park Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil And Dead Fish In Monks Brook Incident Date: 22nd December 1998 Incident Reference: 798598 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	411	2	444200 118795
25	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: Pipe Next To Paddling Pool, Flemming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Urban Runoff Note: Diesel Entering Stream Incident Date: 31st October 1996 Incident Reference: 796514 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	416	2	444200 118800
26	Pollution Incidents to Controlled Waters Property Type: Construction Location: Flemming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Gas Oil Note: Oil In Stream Incident Date: 16th August 1996 Incident Reference: 796380 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Inadequate Construction Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	436	2	444300 118795
26	Pollution Incidents to Controlled Waters Property Type: WSC Sewage, Sewerage & Supply Location: FLEMMING PARK GOLF COURSE Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Mixed / Unidentified / Waste Mineral & Synthetic Oils Note: Not Supplied Incident Date: 22nd July 1999 Incident Reference: 1426 Catchment Area: Itchen Receiving Water: Potential River Cause of Incident: Drainage Failures : Surface Water Sewer Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18SE (N)	441	2	444300 118800
26	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Fleming Park Golf Course Authority: Environment Agency, Southern Region Pollutant: Chemicals - Detergents/Surfactant Note: Foam On Monks Brook And Dead Fish; Miscellaneous Premises: Other Incident Date: 3rd August 1995 Incident Reference: 1985 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	441	2	444300 118800
27	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Monks Brook, Leigh Road, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Pollution Of Monks Brook Visible Contamination & Odour Incident Date: 7th April 1998 Incident Reference: 798158 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	A18SE (N)	610	2	444205 118995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Fleming Park Golf Course, Magpie Lane, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil On Monks Brook Incident Date: 30th June 1992 Incident Reference: 175 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	A18SE (N)	610	2	444200 118995
27	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Monks Brook Authority: Environment Agency, Southern Region Pollutant: Chemicals - Unknown Note: Foaming And Dead Fish; Industrial: Other Incident Date: 21st June 1994 Incident Reference: 1337 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	615	2	444200 119000
28	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: Between Su4290192, And Su453183 Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Leak From Oil Filled Cable Incident Date: 1st August 1996 Incident Reference: 796354 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	626	2	444000 119000
29	Pollution Incidents to Controlled Waters Property Type: Road Location: Junction Of M3 And M27, SOUTHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Petrol Note: Road Traffic Accident Involving Fuel Loss Incident Date: 31st January 1993 Incident Reference: 479 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	A12NE (W)	632	2	443500 118500
30	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Passfield Ave, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Mixed / Unidentified / Waste Mineral & Synthetic Oils Note: Not Supplied Incident Date: 15th May 1999 Incident Reference: 212 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plant / Machinery Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18NW (N)	708	2	444105 119095
30	Pollution Incidents to Controlled Waters Property Type: WSC Sewage, Sewerage & Supply Location: Fleming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Mixed / Unidentified / Waste Mineral & Synthetic Oils Note: Not Supplied Incident Date: 14th May 1999 Incident Reference: 213 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Climatic Conditions : Localised High Rainfall Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18NW (N)	708	2	444100 119095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Monks Brook, Fleming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil In Stream; Industrial: Other Incident Date: 26th November 1994 Incident Reference: 1581 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	A18NW (N)	713	2	444100 119100
31	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Industrial Estate, Chickenhall Lane, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Diesel Oil In River; Industrial: Other Incident Date: 7th September 1995 Incident Reference: 2049 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	A17SE (NW)	732	2	443600 118900
32	Pollution Incidents to Controlled Waters Property Type: Other Transport Location: Opposite Cambridge Drive, CHANDLER'S FORD Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil In Stream; Road (Road Traffic Accident) Incident Date: 26th January 1995 Incident Reference: 1660 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	A17SE (NW)	802	2	443600 118995
32	Pollution Incidents to Controlled Waters Property Type: Other Transport Location: Opposite Cambridge Drive, CHANDLER'S FORD Authority: Environment Agency, Southern Region Pollutant: Oils - Gas Oil Note: Oil In Stream; Road (Road Traffic Accident) Incident Date: 26th January 1995 Incident Reference: 1654 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	A17SE (NW)	805	2	443600 119000
33	Pollution Incidents to Controlled Waters Property Type: Restaurant/Hotels/Pubs Location: Concorde Club, Stoneham Lane, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Sewage - Septic Tank Effluent Note: Sewage Entering Brook Incident Date: 1st April 1996 Incident Reference: 796151 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SE (S)	808	2	444400 117600
34	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Monks Brook, Flemming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Foam Note: Stream Discolouration White Dead Fish Incident Date: 7th July 1997 Incident Reference: 797382 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	813	2	444100 119200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Adjacent Fleming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Chemicals - Unknown Note: Dead Fish (Hundreds) In Monks Brook Incident Date: 21st August 1992 Incident Reference: 261 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	830	2	443300 118500
36	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Monks Brook, Fleming Park, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Irridescence On Stream Incident Date: 17th October 1992 Incident Reference: 342 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	A18NW (N)	908	2	444100 119295
36	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Monks Brook, Fleming Park Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Diesel On Stream; Industrial: Other Incident Date: 13th December 1994 Incident Reference: 1612 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NW (N)	913	2	444100 119300
37	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Fleming Park Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Diesel In River; Water Company Sewage: Surface Water Outfall Incident Date: 28th November 1994 Incident Reference: 1583 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	A18NE (N)	914	2	444200 119300
38	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Oils - Waste Oil Note: Oily Water To Underground And Ditches Incident Date: 21st August 1992 Incident Reference: 264 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	A12NW (W)	946	2	443200 118600
	River Quality Name: Monks Bk GQA Grade: River Quality B Reach: M27 Culvert - Source Estimated Distance (km): 11.2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13SE (E)	44	2	444197 118366

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Substantiated Pollution Incident Register Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 15th June 2009 Incident Reference: 688056 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A13SE (SE)	240	2	444268 118159
40	Substantiated Pollution Incident Register Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 2nd July 2004 Incident Reference: 248493 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Inert Materials And Wastes: Soils And Clay	A19SW (NE)	734	2	444750 118807
41	Substantiated Pollution Incident Register Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 11th August 2012 Incident Reference: 1024882 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Oils - Unknown	A8SE (S)	909	2	444287 117470
	Water Abstractions Operator: Pirelli General Ltd Licence Number: 11/42/22.10/121 Permit Version: 100 Location: Pirelli Cable Works Point A At Leigh Road, Eastleigh Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd December 1965 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	1063	2	445010 119010
	Water Abstractions Operator: Pirelli General Ltd Licence Number: 11/42/22.10/121 Permit Version: 100 Location: Pirelli Cable Works Point B At Leigh Road, Eastleigh Authority: Environment Agency, Southern Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2614 Yearly Rate (m3): 675990 Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd December 1965 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	1099	2	445060 119000
	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: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: High	A13SW (E)	0	4	444136 118376

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (E)	0	4	444136 118376
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (E)	0	4	444136 118376
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	57	2	444179 118435
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (NE)	57	2	444179 118435
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NE (NE)	57	2	444179 118435
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NE (NE)	113	2	444249 118438
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13SE (SE)	243	2	444281 118163
	Flood Water Storage Areas None				
	Flood Defences None				
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 489.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A13NE (E)	99	5	444249 118391
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A13NE (NE)	107	5	444246 118432
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 439.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A13NE (NE)	112	5	444245 118444
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (S)	377	5	444167 117990
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (S)	380	5	444145 117986

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	382	5	444132 117983
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (S)	383	5	444198 117989
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (S)	387	5	444223 117989
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 292.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A18SW (NW)	391	5	443975 118749
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A18SW (NW)	395	5	443921 118726
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 323.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A18SW (NW)	396	5	443918 118725
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	399	5	444083 117968
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	403	5	444074 117965
55	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 143.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	420	5	443981 117970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	425	5	444023 117952
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	426	5	444018 117952
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	437	5	443999 117946
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A8NE (S)	440	5	444285 117950
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A18SE (N)	441	5	444196 118826
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A8NE (S)	443	5	444285 117946
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (S)	443	5	444285 117946
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A18SE (N)	443	5	444194 118828
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (SW)	444	5	443873 117998

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 237.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (SW)	446	5	443860 118005
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 434.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A18SE (N)	449	5	444190 118835
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	454	5	444329 117951
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	454	5	444329 117951
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	457	5	444328 117947
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	485	5	444334 117919
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 291.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	490	5	444335 117915
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A12SE (SW)	518	5	443664 118125
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 240.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A12SE (SW)	528	5	443656 118120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (S)	607	5	444302 117781
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A8NE (S)	607	5	444302 117781
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (S)	620	5	444200 117749
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (S)	621	5	444205 117750
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	640	5	444032 117731
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	641	5	444027 117731
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 400.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A8NE (S)	665	5	444292 117719
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	671	5	443929 117722
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A17SE (NW)	676	5	443650 118871

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	677	5	443911 117722
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (SW)	689	5	443852 117731
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 659.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (SW)	691	5	443837 117735
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A12SW (SW)	735	5	443461 118045
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A17SE (NW)	761	5	443587 118928
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A17SE (NW)	763	5	443586 118929
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 454.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A7NW (SW)	768	5	443442 118009
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A17SE (NW)	850	5	443519 118986
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A18NW (N)	862	5	444082 119248

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A18NW (N)	862	5	444082 119248
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (S)	937	5	444205 117432
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 304.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (S)	937	5	444205 117432
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A18NW (N)	999	5	444020 119380
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Monks Brook Catchment Name: Itchen Primacy: 1	A18NW (N)	999	5	444020 119380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	Historical Landfill Sites Licence Holder: Not Supplied Location: Eastleigh, Hampshire Name: Chestnut Avenue Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20517 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: FEA32	A12SE (SW)	401	2	443796 118134
98	Historical Landfill Sites Licence Holder: Sir Alfred McAlpine and Son Limited Location: Wide Lane - Doncaster Drove, Eastleigh, Hampshire Name: Land at the west of Wide Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20589 First Input Date: 19th January 1983 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1700/9020 BGS Ref: Not Supplied Other Ref: FEA10, 9/20	A8NE (SE)	511	2	444373 117908
99	Historical Landfill Sites Licence Holder: John Mowlam and Company Plc Location: Eastleigh, Hampshire Name: Common Barn Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20504 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: FEA18, 9/37	A12SW (W)	723	2	443402 118309
100	Historical Landfill Sites Licence Holder: H T Hughes and Sons (Transport) Limited Location: Wide Lane - Doncaster Drove, Eastleigh, Hampshire Name: Land at Lakeside Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20590 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1700/9094 BGS Ref: Not Supplied Other Ref: FEA34, EA 094	A9NE (SE)	995	2	444916 117731

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	Licensed Waste Management Facilities (Locations) Licence Number: 402658 Location: Eastleigh Household Waste Recycling Centre, Stonecroft Rise, Chandlers Ford, Eastleigh, Hampshire, SO53 3YU Operator Name: Veolia E S Hampshire Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Household Waste Amenity Sites Licence Status: Modified Issued: 7th November 2016 Last Modified: 5th December 2017 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (W)	999	2	443127 118477
	Local Authority Landfill Coverage Name: Eastleigh Borough Council - Has no landfill data to supply		0	6	444136 118376
	Local Authority Landfill Coverage Name: Hampshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	444136 118376
	Local Authority Landfill Coverage Name: Test Valley Borough Council - Has no landfill data to supply		745	8	443425 118106
102	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A19SE (NE)	942	-	445008 118774
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1872	A13SE (SE)	265	-	444291 118144
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A13NE (NE)	325	-	444287 118680
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A18SE (N)	384	-	444262 118753
106	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A18SW (N)	400	-	443987 118763
107	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SE (N)	456	-	444178 118843
108	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8SE (S)	984	-	444309 117398
109	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1963	A8SE (S)	995	-	444265 117380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	Registered Landfill Sites Licence Holder: Sir Alfred Macalpine & Sons Ltd Licence Reference: 9/ 20 Site Location: West Of Wide Lane &, North Of Doncaster Drove, Swaythling, Southampton, Hampshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: The Oaks Hooton, Little Sutton, Ellesmere Port, Cheshire, Ch66 7nd Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 19th January 1983 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Excavated Natural Materials \$ Household Waste Prohibited Waste: Biodegradable/Putrescible Waste Chemical Wastes Food Waste Hazardous Wastes Liquid Wastes Phenols, Analogues/Derivatives Poisonous, Noxious, Polluting Wastes Sludge Wastes Special Wastes	A8NE (SE)	511	2	444373 117908
111	Registered Landfill Sites Licence Holder: John Mowlem & Co Plc Licence Reference: 9/ 37 Site Location: Common Barn Farm, Eastleigh, Hampshire Licence Easting: 443300 Licence Northing: 118300 Operator Location: Foundation House, Eastern Road, BRACKNELL, Berkshire, RG12 2UZ Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Minor Amounts Road Metal - All From M3 Sand,Chalk,Gravel,Nat.Occ.Earth Spoils Prohibited Waste: Brick,Concrete,Plastic,Timber,Metal Constr'N/Demol.Wastes Drums - Unless Open & Conds Comply Food, Veg. Or Rapidly Biodegrad.Mat'L Mat'Ls Containing Phenols Or Derivs Poisonous, Noxious, Polluting Wastes Potentially Haz. Or Polluting Wastes Waste Ex Prems Toxic/Water Sol. Chems	A12SW (W)	826	2	443300 118300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13SW (E)	0	1	444136 118376
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (E)	0	1	444136 118376
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (NW)	433	1	443722 118553
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NW (SW)	521	1	443855 117918
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (N)	612	1	444120 119000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	636	1	444173 119023
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (W)	664	1	443501 118622

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	668	1	443763 118950
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	731	1	443615 118913
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17SE (NW)	734	1	443529 118820
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17NE (NW)	823	1	443680 119081
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	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: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	444136 118376
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	97	1	444246 118396
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	444136 118376
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	97	1	444246 118396
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	138	1	444290 118385

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	444136 118376
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	444136 118376
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	444136 118376
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	97	1	444246 118396
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	444136 118376
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	58	1	444174 118316
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	120	1	444260 118314
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	138	1	444290 118385
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	444136 118376
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (E)	0	1	444136 118376

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	Contemporary Trade Directory Entries Name: Jesters Motorcycles Location: 71, Falcon Square, Eastleigh, SO50 9JF Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	186	-	443952 118291
112	Contemporary Trade Directory Entries Name: Itchen Valley Contract Services Ltd Location: 67, Falcon Square, Eastleigh, Hampshire, SO50 9JF Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	188	-	443963 118267
113	Contemporary Trade Directory Entries Name: Abbey Appliance Care Location: 19, Heron Square, Eastleigh, Hampshire, SO50 9JD Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	220	-	444025 118584
114	Contemporary Trade Directory Entries Name: M C Butt Location: 34, Greenfinch Close, Eastleigh, Hampshire, SO50 9JN Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	288	-	443839 118321
115	Contemporary Trade Directory Entries Name: Aviary Print Location: 92, Magpie Lane, Eastleigh, Hampshire, SO50 9LW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	321	-	444125 118709
116	Contemporary Trade Directory Entries Name: Press On Location: 12, Monks Brook Close, Eastleigh, SO50 9NQ Classification: Ironing & Home Laundry Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	372	-	444308 118031
117	Contemporary Trade Directory Entries Name: Eurochem Location: 60, Derby Road, Eastleigh, Hampshire, SO50 5GU Classification: Graffiti Removers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	381	-	444474 118585
118	Contemporary Trade Directory Entries Name: Shell Passfield Avenue Location: Monksbrook Filling Station, Passfield Avenue, Eastleigh, Hampshire, SO50 9NH Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	501	-	444402 118818
118	Contemporary Trade Directory Entries Name: Shell Service Station Location: Passfield Avenue, Eastleigh, Hampshire, SO50 9NH Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	514	-	444401 118834
118	Contemporary Trade Directory Entries Name: Co-Operative Filling Station Location: Monksbrook Filling Station, Passfield Avenue, Eastleigh, Hampshire, SO50 9NH Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	514	-	444401 118834
119	Contemporary Trade Directory Entries Name: Stoneham Park Sports Club Location: Stoneham Lane, Eastleigh, Hampshire, SO50 9HT Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	527	-	444054 117843

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	Contemporary Trade Directory Entries Name: Pjg Cleaning Services Location: 30, Viscount Gardens, Eastleigh, Hampshire, SO50 5UA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	589	-	444591 117976
121	Contemporary Trade Directory Entries Name: Terry Peach Ltd Location: 31, Tennyson Road, Eastleigh, SO50 9FS Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	623	-	444736 118595
122	Contemporary Trade Directory Entries Name: Eastleigh Carpet Care Location: 13, Dove Dale, Eastleigh, SO50 9LE Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	643	-	443578 118729
123	Contemporary Trade Directory Entries Name: Supreme Cleaning Services Location: 107, Nightingale Avenue, Eastleigh, SO50 9JY Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	688	-	443435 118416
124	Contemporary Trade Directory Entries Name: L M C Plant & Site Services Location: 12, Coniston Road, Eastleigh, Hampshire, SO50 9NP Classification: Plant & Machinery Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (NE)	740	-	444816 118706
125	Contemporary Trade Directory Entries Name: Cpw Services Location: 38, Grantham Road, Eastleigh, Hampshire, SO50 5FJ Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	754	-	444852 118658
126	Contemporary Trade Directory Entries Name: Konica Minolta Location: Gateway House, Tollgate, Chandler's Ford, Eastleigh, SO53 3TG Classification: Printing Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	794	-	443413 118745
126	Contemporary Trade Directory Entries Name: Konica Minolta Business Solutions Uk Ltd Location: Gateway House, Tollgate, Chandler's Ford, Eastleigh, SO53 3TG Classification: Photocopiers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	794	-	443413 118745
127	Contemporary Trade Directory Entries Name: Pen Hill Paper & Film Ltd Location: 14 East Links, Tollgate, Chandler's Ford, Eastleigh, SO53 3TG Classification: Paper & Cardboard Products & Packaging - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	816	-	443465 118870
128	Contemporary Trade Directory Entries Name: Simtex International Location: Unit 4 West Links, Tollgate, Chandler'S Ford, Eastleigh, Hampshire, SO53 3TG Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	855	-	443413 118865
128	Contemporary Trade Directory Entries Name: Boulting Location: 5 West Links, Tollgate, Chandler'S Ford, Eastleigh, Hampshire, SO53 3TG Classification: Automation Systems & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	856	-	443407 118858

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	Contemporary Trade Directory Entries Name: De Rijke Intermodal Ltd Location: 8, West Links, Tollgate, Chandler's Ford, Eastleigh, Hampshire, SO53 3TG Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	868	-	443386 118846
129	Contemporary Trade Directory Entries Name: Phizer Consumer Health Care Location: Lambert Court, Chestnut Avenue, Chandler's Ford, Eastleigh, Hampshire, SO53 3ZQ Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	883	-	443275 118634
129	Contemporary Trade Directory Entries Name: Warner Lambert Uk Ltd Location: Lambert Court, Chestnut Avenue, Chandler's Ford, Eastleigh, Hampshire, SO53 3ZQ Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	883	-	443275 118634
130	Contemporary Trade Directory Entries Name: Tructyre Location: Unit 3, Stepnell House, Tollgate, Chandler's Ford, Eastleigh, SO53 3LU Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	909	-	443295 118762
131	Contemporary Trade Directory Entries Name: Eastleigh H W R C Location: Stoneycroft Rise, Chandler'S Ford, Eastleigh, Hampshire, SO53 3YU Classification: Recycling Services Status: Active Positional Accuracy: Manually positioned to the address or location	A12NW (W)	957	-	443168 118462
132	Contemporary Trade Directory Entries Name: T L Jetclean Location: 265, Chamberlayne Road, Eastleigh, Hampshire, SO50 5HX Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	976	-	445128 118353
133	Contemporary Trade Directory Entries Name: Storage N Stuff Ltd Location: Flemming Court, Leigh Road, Eastleigh, SO50 9PD Classification: Storage & Shelving Systems Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	979	-	444316 119352
133	Contemporary Trade Directory Entries Name: New Hendy Group Car Sales Location: Leigh Road, Eastleigh, Hampshire, SO50 9PT Classification: Car Dealers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	986	-	444319 119358
134	Contemporary Trade Directory Entries Name: Scotthall Ltd Location: 1, Stoneycroft Rise, Chandler's Ford, Eastleigh, Hampshire, SO53 3YU Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	982	-	443160 118586
134	Contemporary Trade Directory Entries Name: Partridge Of Hampshire Location: 1, Stoneycroft Rise, Chandler's Ford, Eastleigh, SO53 3YU Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	990	-	443152 118581
135	Fuel Station Entries Name: Co-Op Passfield Avenue Location: 147-149, Passfield Avenue, Eastleigh, Southampton, Hampshire, SO50 9NH Brand: Shell Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A18SE (NE)	501	-	444402 118818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	Points of Interest - Commercial Services Name: Eastleigh Auto Electrics Location: 6 Nightingale Avenue, Eastleigh, SO50 9JA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	21	9	444122 118407
136	Points of Interest - Commercial Services Name: Eastleigh Auto Electrics Location: 6 Nightingale Avenue, Eastleigh, SO50 9JA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	21	9	444122 118407
137	Points of Interest - Commercial Services Name: Jestors Motorcycles Location: 71 Falcon Square, Eastleigh, SO50 9JF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	187	9	443952 118290
137	Points of Interest - Commercial Services Name: Itchen Valley Contract Services Ltd Location: 67 Falcon Square, Eastleigh, SO50 9JF Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13SW (SW)	188	9	443963 118266
137	Points of Interest - Commercial Services Name: Itchen Valley Contract Services Ltd Location: 67 Falcon Square, Eastleigh, SO50 9JF Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13SW (SW)	188	9	443963 118267
138	Points of Interest - Commercial Services Name: Tiger Brown Transport Ltd Location: 49 Chadwick Road, Eastleigh, SO50 9GJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SW (NE)	553	9	444507 118807
139	Points of Interest - Commercial Services Name: Terry Peach Ltd Location: 31 Tennyson Road, Eastleigh, SO50 9FS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	621	9	444734 118594
140	Points of Interest - Commercial Services Name: Cpw Services Rodent Control Location: 38 Grantham Road, Eastleigh, SO50 5FJ Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A14NE (E)	754	9	444852 118658
141	Points of Interest - Commercial Services Name: Simtex International Location: Unit 4 West Links, Tollgate, Chandler's Ford, Eastleigh, SO53 3TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SW (NW)	855	9	443413 118864
141	Points of Interest - Commercial Services Name: De Rijke Intermodal Ltd Location: 8 West Links, Tollgate, Chandler's Ford, Eastleigh, SO53 3TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SW (NW)	868	9	443386 118846
141	Points of Interest - Commercial Services Name: Derica Intermouldal Ltd Location: 8 West Links, Tollgate, Chandler's Ford, Eastleigh, SO53 3TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SW (NW)	868	9	443386 118846
142	Points of Interest - Commercial Services Name: Peters & May Ltd Location: Prysmain House, Dew Lane, Eastleigh, SO50 9PX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19NW (NE)	915	9	444644 119156

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
142	Points of Interest - Commercial Services Name: Completer Freight Ltd Location: Prysmian House, Dew Lane, Eastleigh, SO50 9PX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19NW (NE)	915	9	444644 119156
143	Points of Interest - Manufacturing and Production Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	462	9	444248 117917
144	Points of Interest - Manufacturing and Production Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	773	9	444797 118807
145	Points of Interest - Manufacturing and Production Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	785	9	444555 119058
145	Points of Interest - Manufacturing and Production Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	786	9	444571 119049
145	Points of Interest - Manufacturing and Production Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	806	9	444621 119039
146	Points of Interest - Manufacturing and Production Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	826	9	444970 118250
147	Points of Interest - Manufacturing and Production Name: Tanks Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	842	9	444692 119029
148	Points of Interest - Manufacturing and Production Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	845	9	444774 118954
149	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	931	9	444880 118962
150	Points of Interest - Public Infrastructure Name: Co-Op Passfield Avenue Location: 147-149 Passfield Avenue, Eastleigh, Southampton, SO50 9NH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (NE)	496	9	444402 118813
150	Points of Interest - Public Infrastructure Name: Shell Passfield Avenue Location: Monksbrook Filling Station, Passfield Avenue, Eastleigh, SO50 9NH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (NE)	500	9	444401 118818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	Points of Interest - Public Infrastructure Name: Shell Service Station Location: Passfield Avenue, Eastleigh, SO50 9NH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (NE)	500	9	444401 118818
150	Points of Interest - Public Infrastructure Name: Alldays - Passfield Ave Co-Op Location: Monks Brook Service Station, 147-149 Passfield Avenue, Eastleigh, Hampshire, SO50 5NH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (NE)	500	9	444401 118818
150	Points of Interest - Public Infrastructure Name: Alldays - Passfield Avenue (Co-Op) Location: Monks Brook Service Station, 147-149 Passfield Avenue, Eastleigh, Hampshire, SO50 9NH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (NE)	501	9	444402 118818
150	Points of Interest - Public Infrastructure Name: Co-operative Filling Station Location: Monksbrook Filling Station, Passfield Avenue, Eastleigh, SO50 9NH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18SE (NE)	509	9	444404 118826
151	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: SO50 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14SE (SE)	833	9	444918 118041
151	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: SO50 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14SE (SE)	834	9	444919 118041
152	Points of Interest - Public Infrastructure Name: Weir Location: SO50 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	908	9	444280 117470
152	Points of Interest - Public Infrastructure Name: Weir Location: SO50 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	908	9	444283 117471
153	Points of Interest - Recreational and Environmental Name: Skatepark Location: SO50 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	329	9	444310 118673
153	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	384	9	444328 118726
153	Points of Interest - Recreational and Environmental Name: Playground Location: Passfield Avenue, SO50 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	407	9	444334 118748

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	Points of Interest - Recreational and Environmental Name: Playground Location: SO50 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	510	9	444404 117926
155	Points of Interest - Recreational and Environmental Name: Playground Location: Parnell Road, SO50 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NE (E)	799	9	444911 118625
156	Points of Interest - Recreational and Environmental Name: Play Area Location: SO50 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	832	9	444778 118931
157	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	906	9	444364 119266
157	Points of Interest - Recreational and Environmental Name: Play Area Location: Kornwestheim Way, SO50 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NE (N)	913	9	444365 119273
158	Points of Interest - Recreational and Environmental Name: Playground Location: Suffolk Drive, SO53 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17SW (NW)	989	9	443306 118945
158	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	990	9	443307 118949

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	Ancient Woodland Name: Not Supplied Reference: 1489151 Area(m ²): 11448.1 Type: Ancient and Semi-Natural Woodland	A18SW (NW)	395	10	443929 118731
160	Ancient Woodland Name: Not Supplied Reference: 1489808 Area(m ²): 2371.76 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	625	10	443656 118803
161	Ancient Woodland Name: Not Supplied Reference: 1487283 Area(m ²): 2867.43 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	741	10	443551 118859
162	Ancient Woodland Name: Not Supplied Reference: 1488317 Area(m ²): 18198.66 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	749	10	443606 118929
163	Nitrate Vulnerable Zones Name: Hamble Estuary Eutrophic Nvz (Trac) Description: Eutrophic Water Source: Environment Agency, Head Office	A13SW (E)	0	4	444136 118376

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Eastleigh Borough Council - Environmental Health Department Test Valley Borough Council - Housing and Environmental Health Service Southampton City Council - Environmental Health Services Pollution And Safety Winchester City Council - Environmental Health Department	June 2020 May 2015 October 2013 October 2017 September 2014	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	April 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	April 2021 April 2021	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Southampton City Council - Environmental Health Services Pollution And Safety Winchester City Council - Environmental Health Department Eastleigh Borough Council - Environmental Health Department Test Valley Borough Council - Housing and Environmental Health Service	August 2014 December 2014 September 2014 September 2014	Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Southampton City Council - Environmental Health Services Pollution And Safety Winchester City Council - Environmental Health Department Eastleigh Borough Council - Environmental Health Department Test Valley Borough Council - Housing and Environmental Health Service	August 2014 December 2014 September 2014 September 2014	Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Southampton City Council - Environmental Health Services Pollution And Safety Winchester City Council - Environmental Health Department Test Valley Borough Council - Housing and Environmental Health Service Eastleigh Borough Council - Environmental Health Department	August 2014 December 2014 January 2013 September 2014	Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2021	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	
Registered Radioactive Substances Environment Agency - Southern Region	June 2016	Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office Environment Agency - Southern Region - Solent and South Downs	April 2021 April 2021 April 2021	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	April 2021	Quarterly

Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2021	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	March 2021	Quarterly
Flood Defences Environment Agency - Head Office	March 2021	Quarterly
OS Water Network Lines Ordnance Survey	June 2021	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office Environment Agency - Southern Region - Solent and South Downs	April 2021 April 2021 April 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office Environment Agency - Southern Region - Solent and South Downs	April 2021 April 2021 April 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Eastleigh Borough Council Hampshire County Council - Minerals and Waste Planning Southampton City Council - Environmental Health Services Pollution And Safety Test Valley Borough Council - Environmental Protection Team Winchester City Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Eastleigh Borough Council Hampshire County Council - Minerals and Waste Planning Southampton City Council - Environmental Health Services Pollution And Safety Test Valley Borough Council - Environmental Protection Team Winchester City Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - Southern Region - Hampshire Area Environment Agency - Southern Region - Solent and South Downs	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Hampshire Area Environment Agency - Southern Region - Solent and South Downs	March 2003 March 2003	
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Hampshire Area Environment Agency - Southern Region - Solent and South Downs	March 2003 March 2003	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	
Planning Hazardous Substance Enforcements Eastleigh Borough Council Hampshire County Council - Minerals and Waste Planning Southampton City Council - Development Control Test Valley Borough Council - Environmental Protection Team Winchester City Council - Planning Department	February 2016 February 2016 February 2016 November 2015 October 2015	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Eastleigh Borough Council Hampshire County Council - Minerals and Waste Planning Southampton City Council - Development Control Test Valley Borough Council - Environmental Protection Team Winchester City Council - Planning Department	February 2016 February 2016 February 2016 November 2015 October 2015	Variable Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2021	Quarterly
Gas Pipelines National Grid	May 2021	Annually
Points of Interest - Commercial Services PointX	June 2021	Quarterly
Points of Interest - Education and Health PointX	June 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2021	Quarterly
Points of Interest - Public Infrastructure PointX	June 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2021	Quarterly
Underground Electrical Cables National Grid	May 2021	Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Eastleigh Borough Council South Downs National Park Southampton City Council Test Valley Borough Council - Environmental Protection Team Winchester City Council	June 2020 June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified As notified
Areas of Unadopted Green Belt Eastleigh Borough Council South Downs National Park Southampton City Council Test Valley Borough Council - Environmental Protection Team Winchester City Council	June 2020 June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

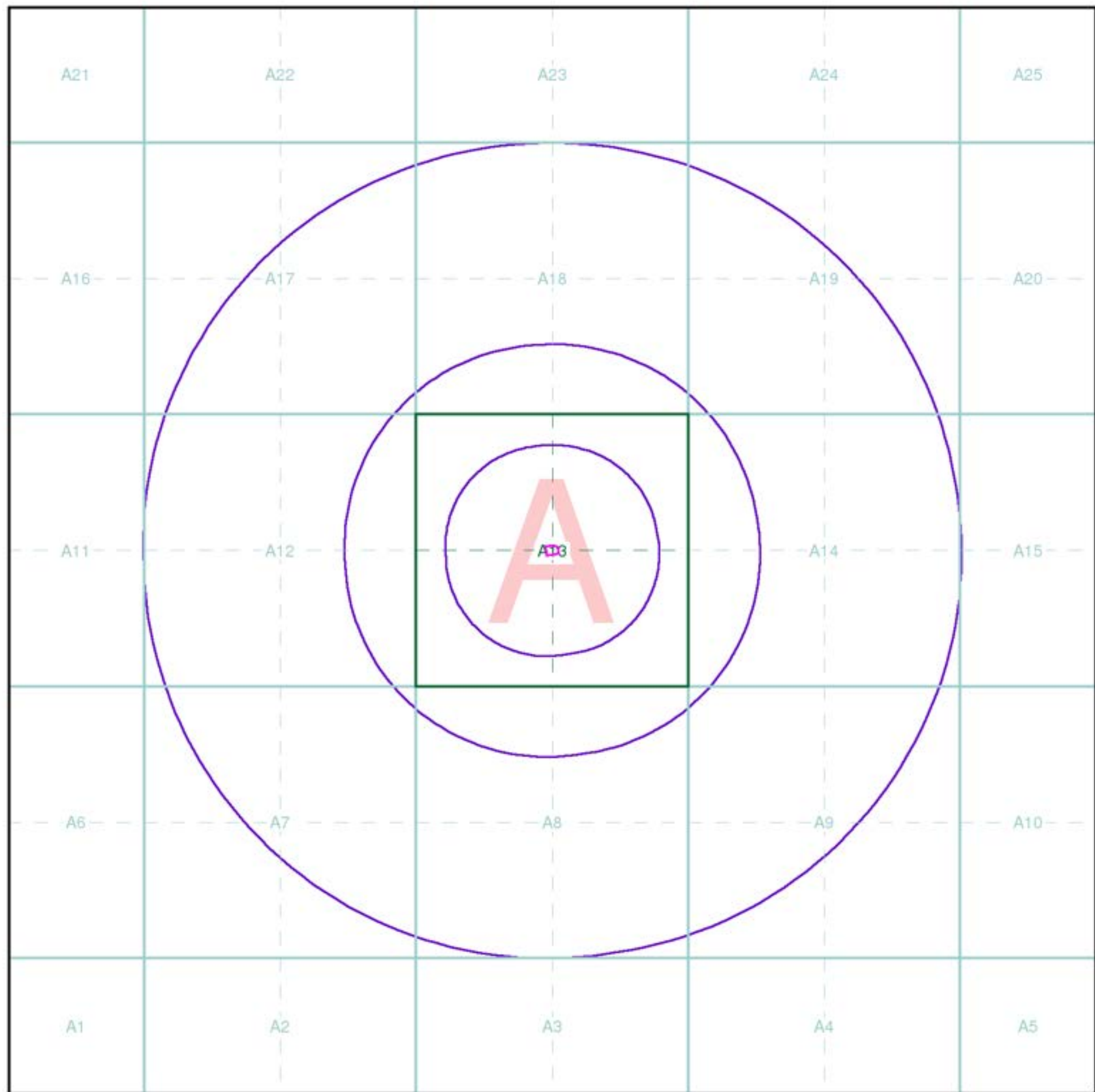
A selection of organisations who provide data within this report

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

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	Eastleigh Borough Council - Environmental Health Department Civic Offices, Leigh Road, Eastleigh, Hampshire, SO50 9YN	Telephone: 023 80622302 Fax: 02380 688302 Website: www.eastleigh.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	Eastleigh Borough Council Civic Offices, Leigh Road, Eastleigh, Hampshire, SO50 9YN	Telephone: 02380 688000 Fax: 02380 688261 Website: www.eastleigh.gov.uk
7	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
8	Test Valley Borough Council - Environmental Protection Team Environmental Protection Team, Beech Hurst, Weyhill Road, Andover, Hampshire, SP10 3AJ	Telephone: 012674 368000 Website: www.testvalley.gov.uk/eh
9	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.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.

Appendix D Site Sensitivity Maps



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

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

Order Details

Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Site Area (Ha): 0.07
Search Buffer (m): 1000

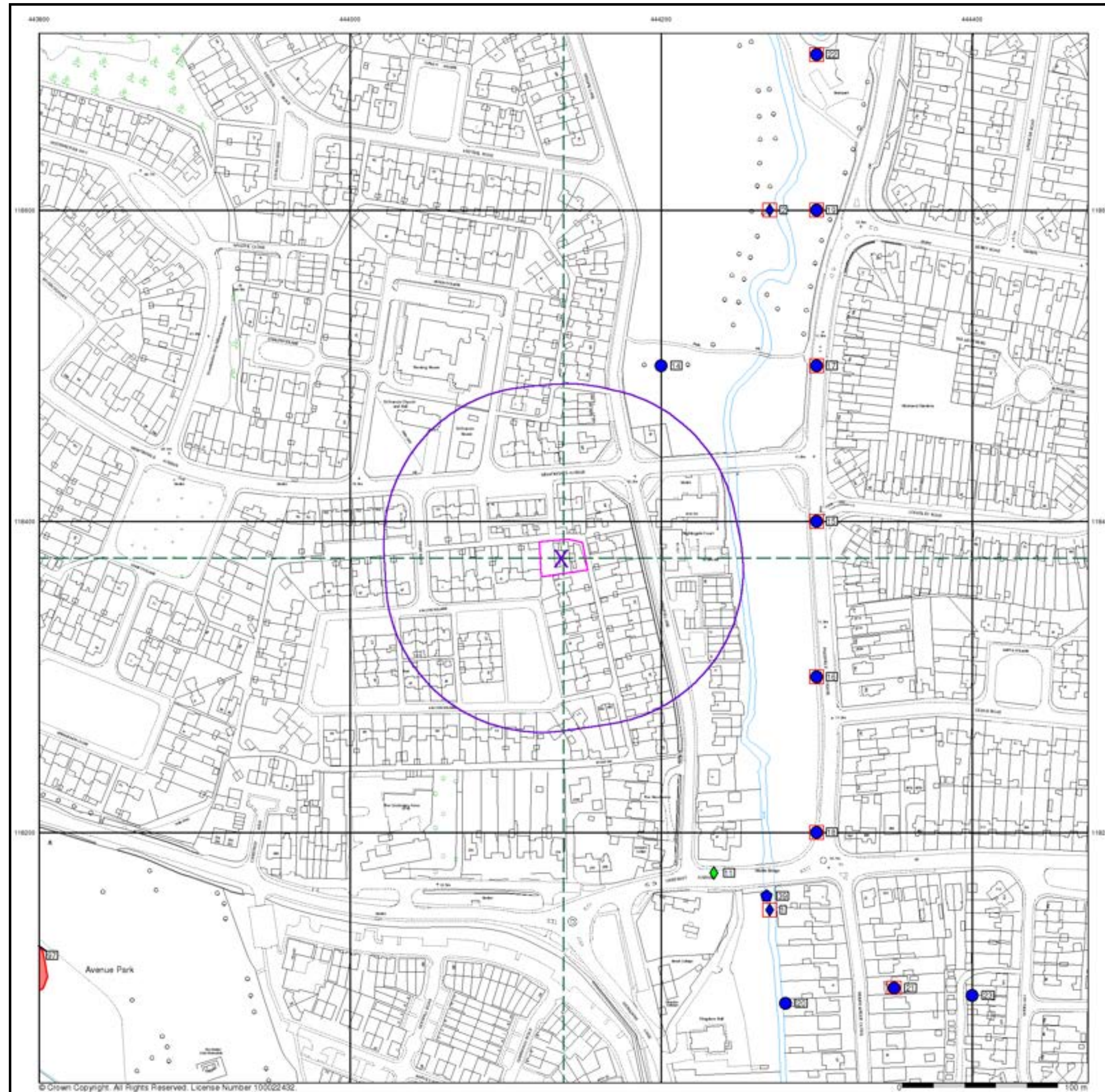
Site Details

Nightingale Avenue, Eastleigh, SO50 9JF

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>



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



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

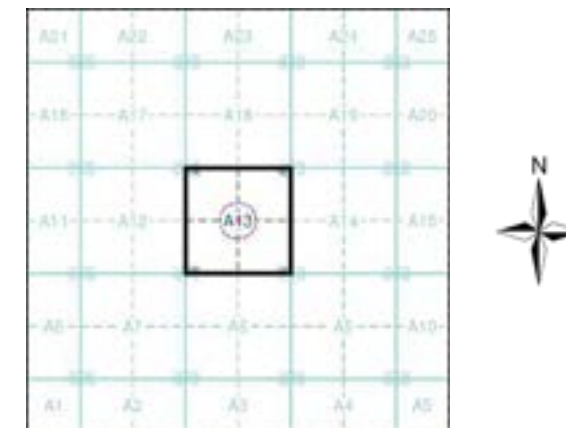
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13



Order Details

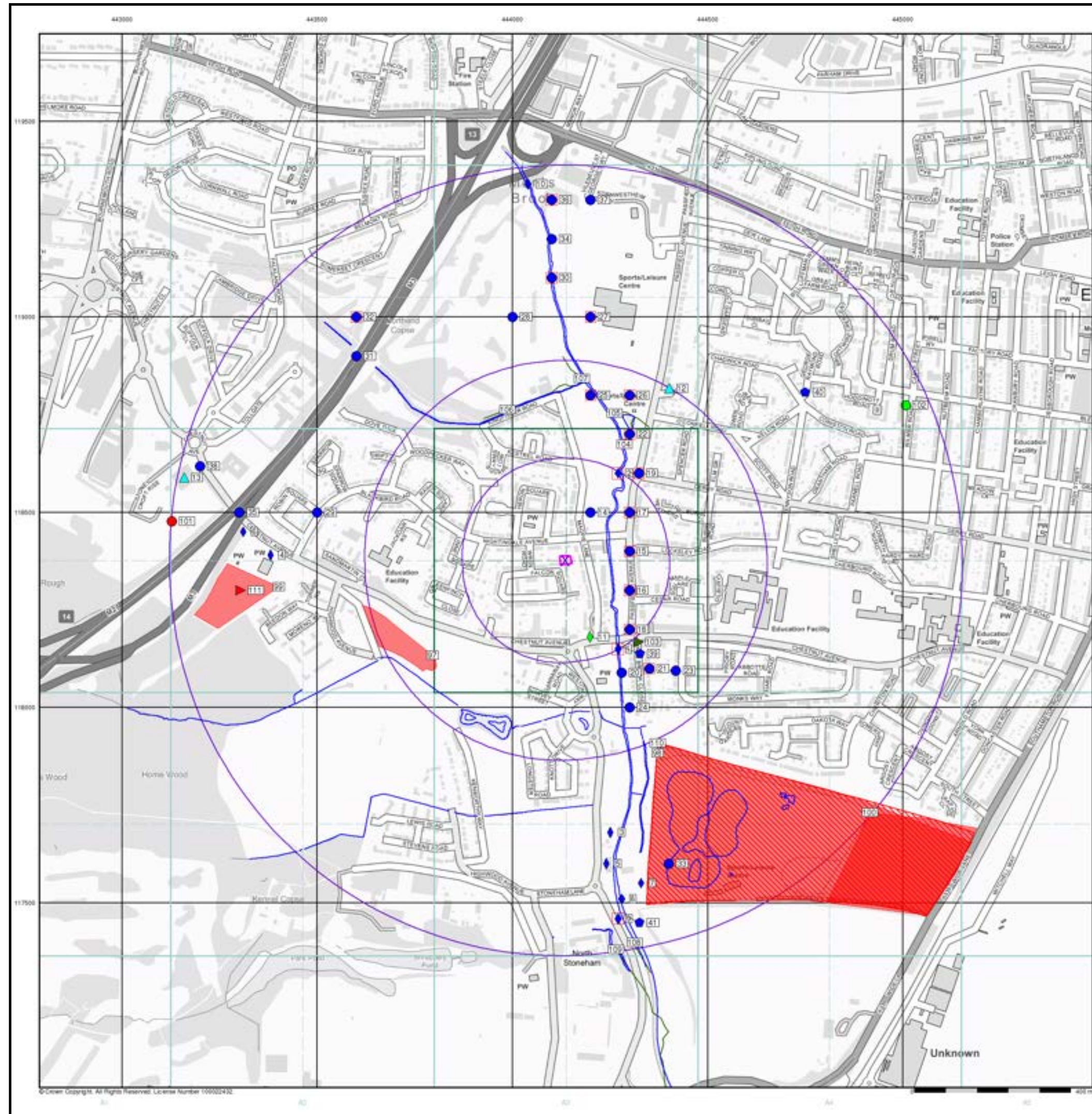
Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Plot Buffer (m): 100

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF

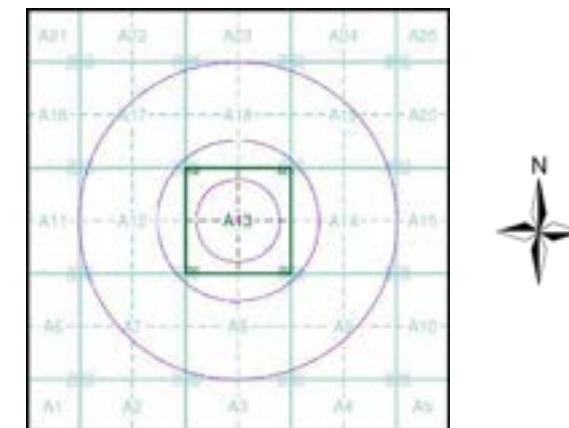


Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention and Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details

Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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

Industrial Land Use Map

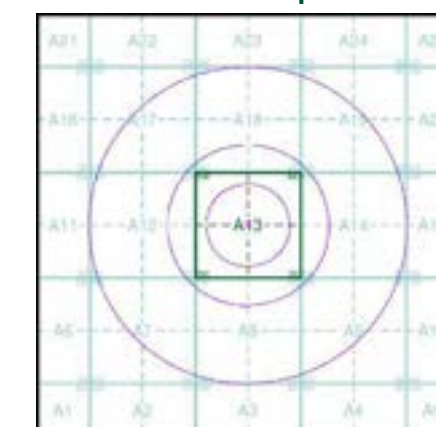
General

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

Industrial Land Use

-  Contemporary Trade Directory Entry
-  Fuel Station Entry
-  Gas Pipeline
-  Points of Interest - Commercial Services
-  Points of Interest - Education and Health
-  Points of Interest - Manufacturing and Production
-  Points of Interest - Public Infrastructure
-  Points of Interest - Recreational and Environmental
-  Underground Electrical Cables

Industrial Land Use Map - Slice A

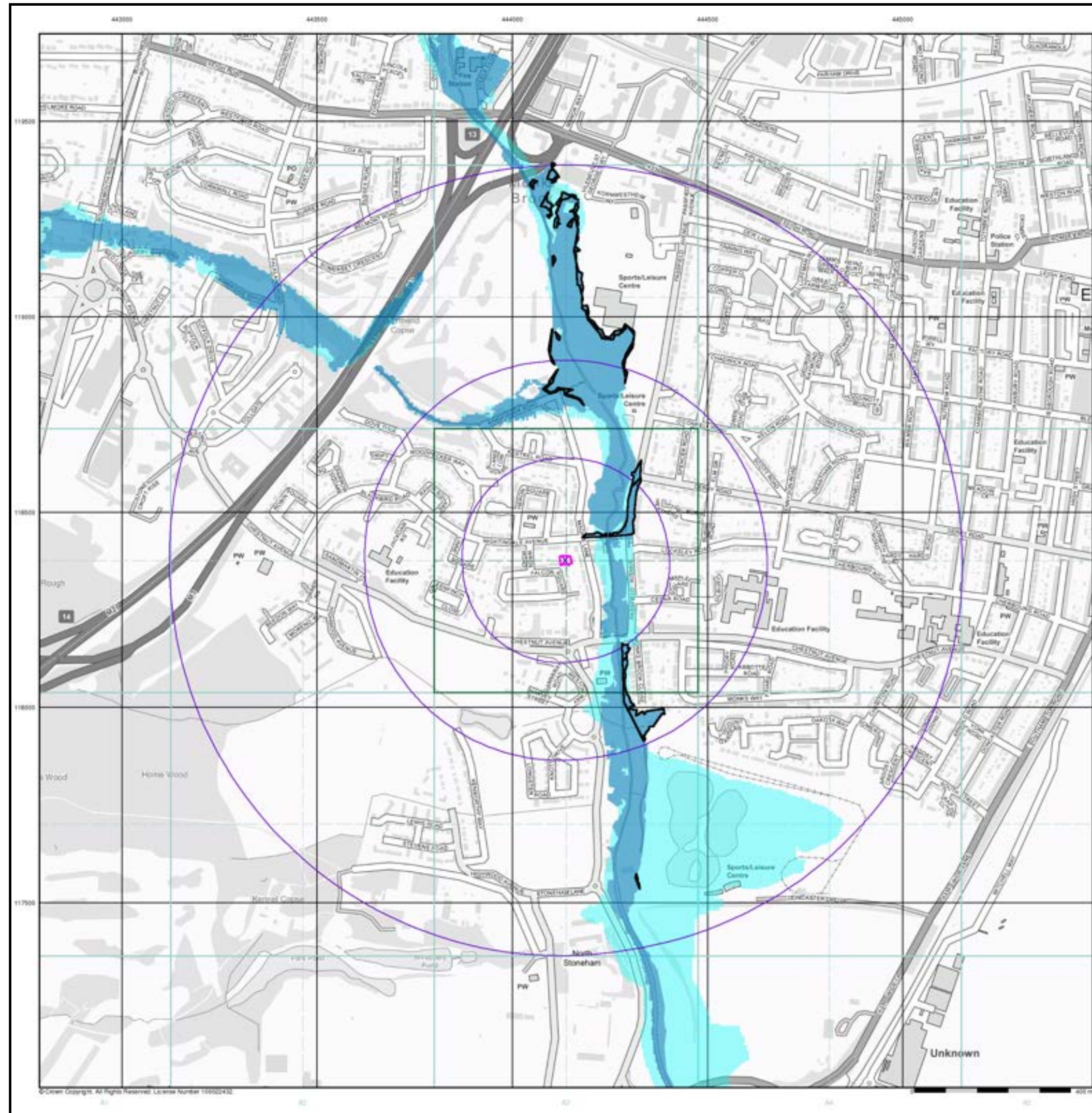


Order Details

Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



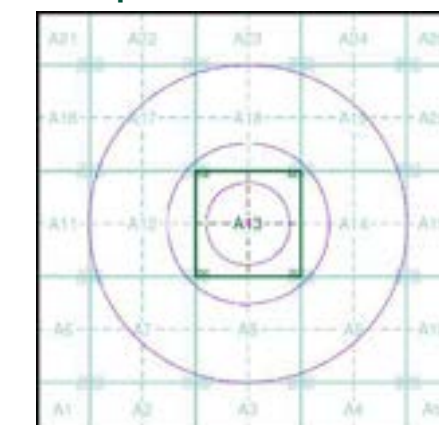
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A



Order Details

Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF

General

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

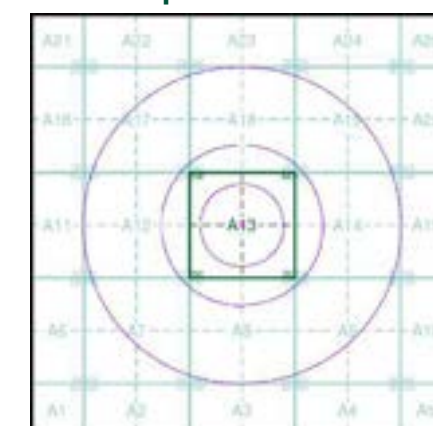
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

Order Number: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF

General

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

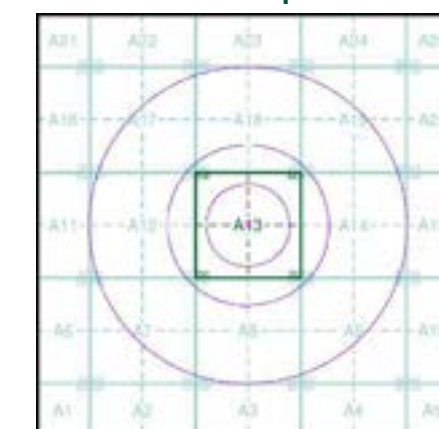
OS Water Network Data

- | | |
|----------------|---------------------------|
| — Canal | — Drain |
| — Reservoir | — Other |
| — Foreshore | — Lake |
| — Marsh | — Transfer |
| — Tidal River | — Lock Or Flight Of Locks |
| — Inland River | — Sea |

Contours (height in meters)

- Standard Contour — 105 — 100 — 95 —
- Master Contour — 105 — 100 — 95 —
- Spot Height * 167.3
- MLW — Mean Low Water
- MHW — Mean High Water

OS Water Network Map - Slice A

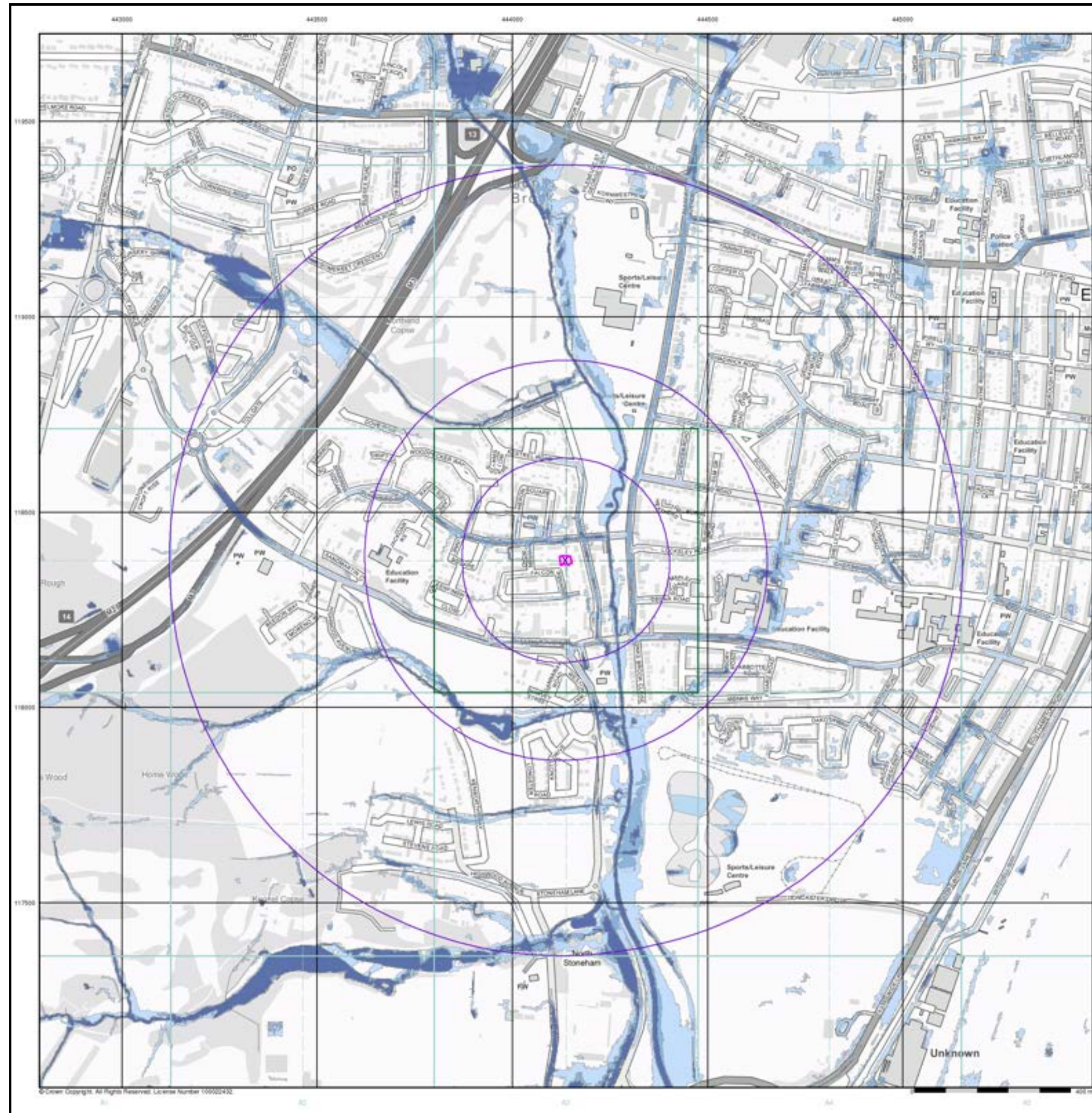


Order Details

Order Number: 280783731_1_1
 Customer Ref: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



General

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

Risk of Flooding from Surface Water

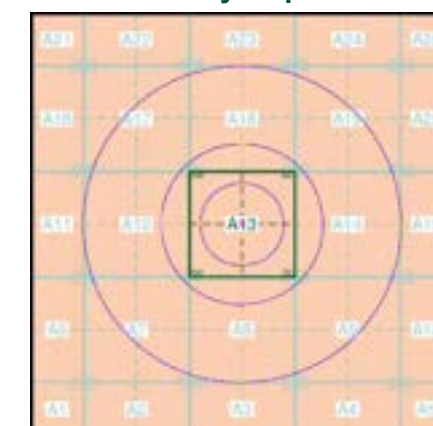
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

E/NRW Suitability Map - Slice A



Order Details

Order Number: 280783731_1_1
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 Site Area (Ha): 0.07
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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	RTD3	River Terrace Deposits, 3	Sand and Gravel	Not Supplied - Quaternary
	RTD1	River Terrace Deposits, 1	Clay and Silt	Not Supplied - Quaternary
	HEAD	Head	Gravel, Sand, Silt and Clay	Not Supplied - Quaternary
	RTD4	River Terrace Deposits, 4	Sand and Gravel	Not Supplied - Quaternary
	RTD5	River Terrace Deposits, 5	Sand and Gravel	Not Supplied - Quaternary
	RTD8	River Terrace Deposits, 8	Sand and Gravel	Not Supplied - Quaternary
	T4T5	River Terrace Deposits, 4 to 5	Sand and Gravel	Not Supplied - Quaternary
	T6T7	River Terrace Deposits, 6 to 7	Sand and Gravel	Not Supplied - Quaternary
	RTD9	River Terrace Deposits, 9	Sand and Gravel	Not Supplied - Quaternary
	RTDX	River Terrace Deposits, 10	Sand and Gravel	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	EA	Earnley Sand Formation	Sand, Silt and Clay	Not Supplied - Lutetian
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WTT	Wittering Formation	Sand, Silt and Clay	Not Supplied - Ypresian
	WHI	Whitcliffe Sand Member	Sand	Not Supplied - Palaeogene



Geology 1:50,000 Maps

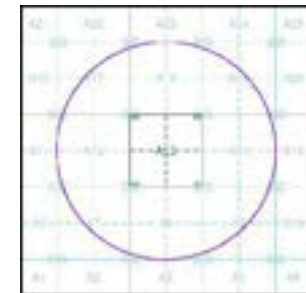
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID: 1
 Map Sheet No: 315
 Map Name: Southampton
 Map Date: 1987
 Bedrock Geology: Available
 Superficial Geology: Available
 Artificial Geology: Available
 Faults: Not Supplied
 Landslip: Available
 Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

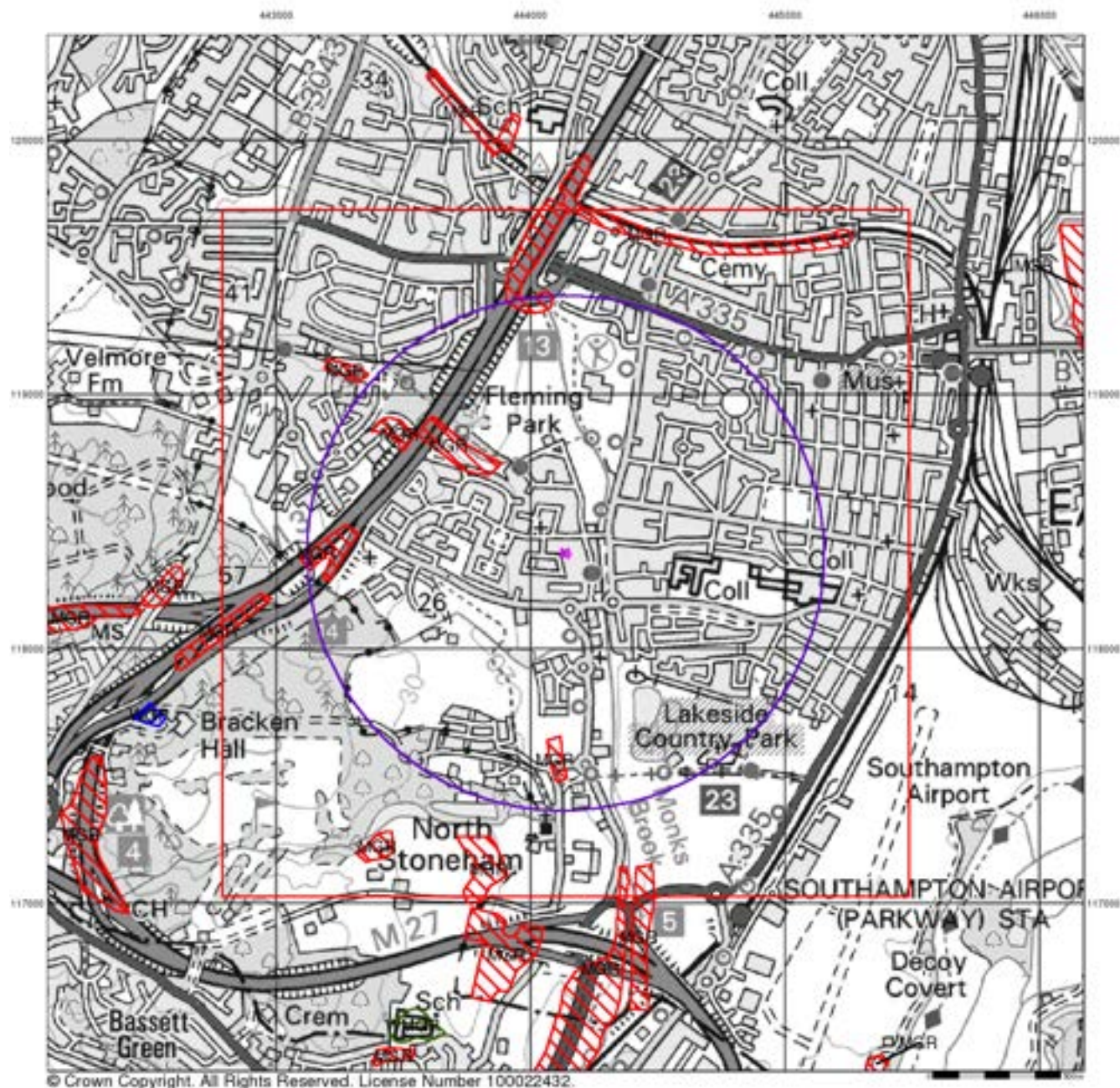
Order Number: 280783731_1_1
 Customer Reference: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

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Artificial Ground and Landslip

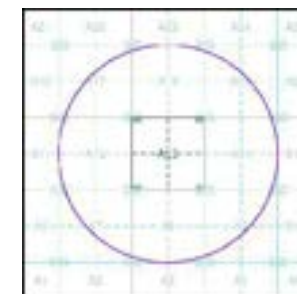
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

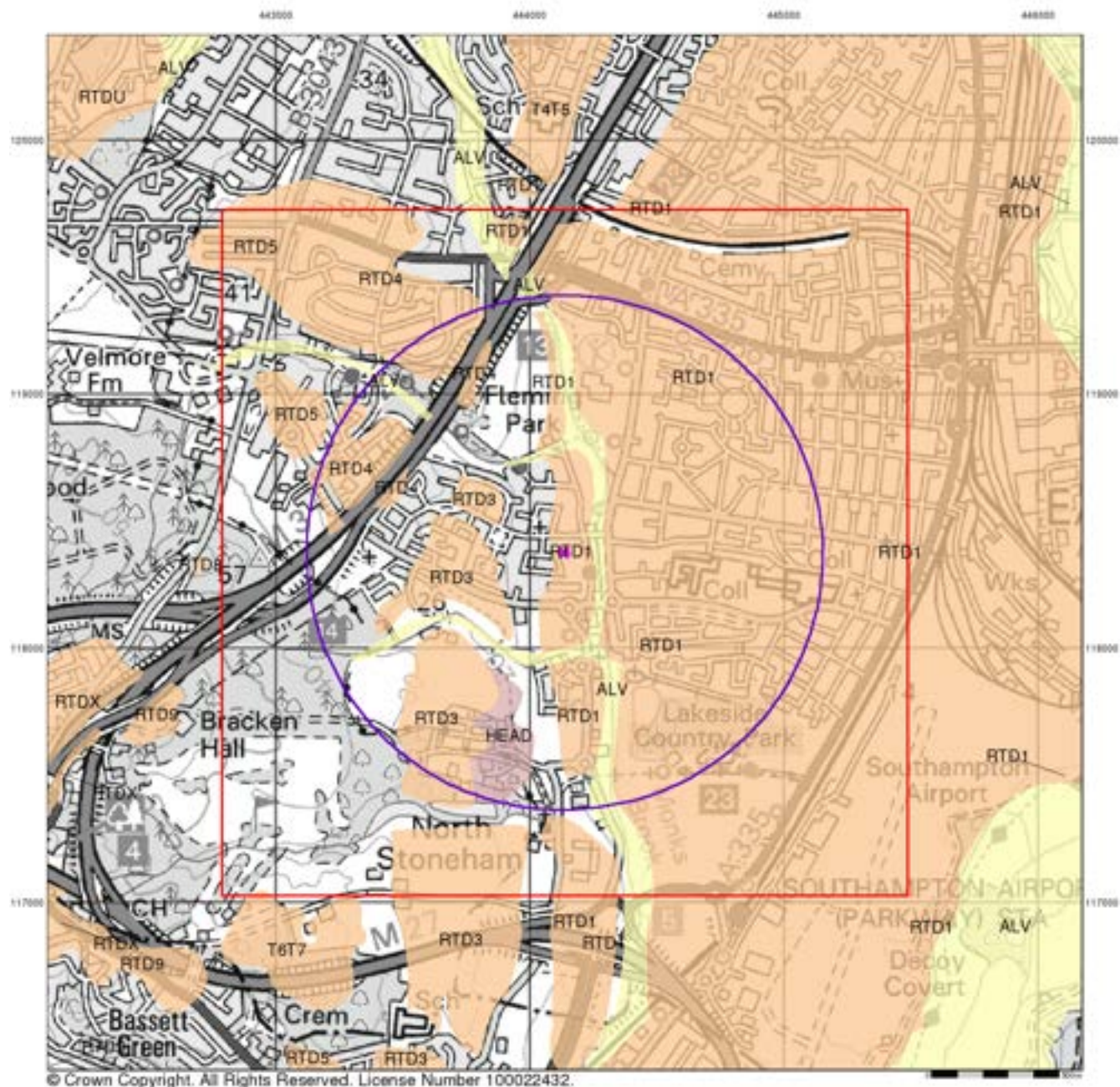
Order Number: 280783731_1_1
 Customer Reference: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details:

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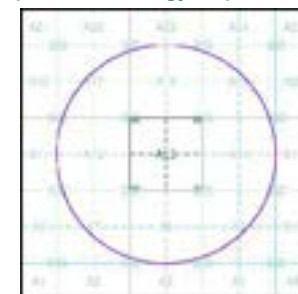
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

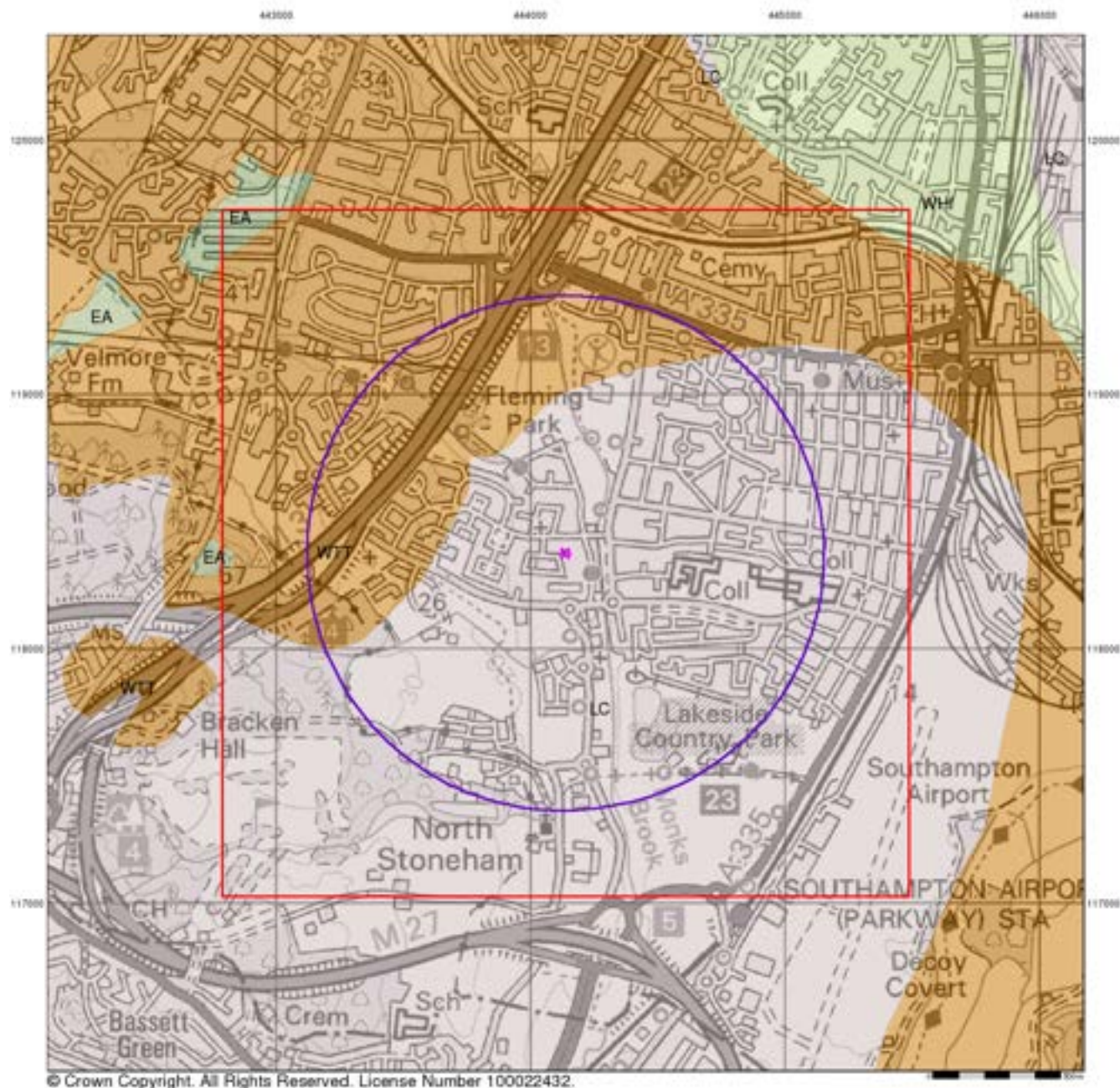
Order Number: 280783731_1_1
 Customer Reference: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details:

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 Web: www.envirocheck.co.uk



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Bedrock and Faults

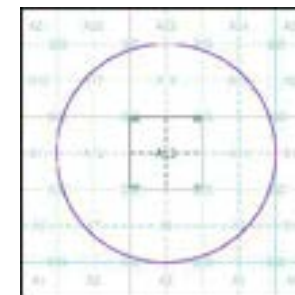
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

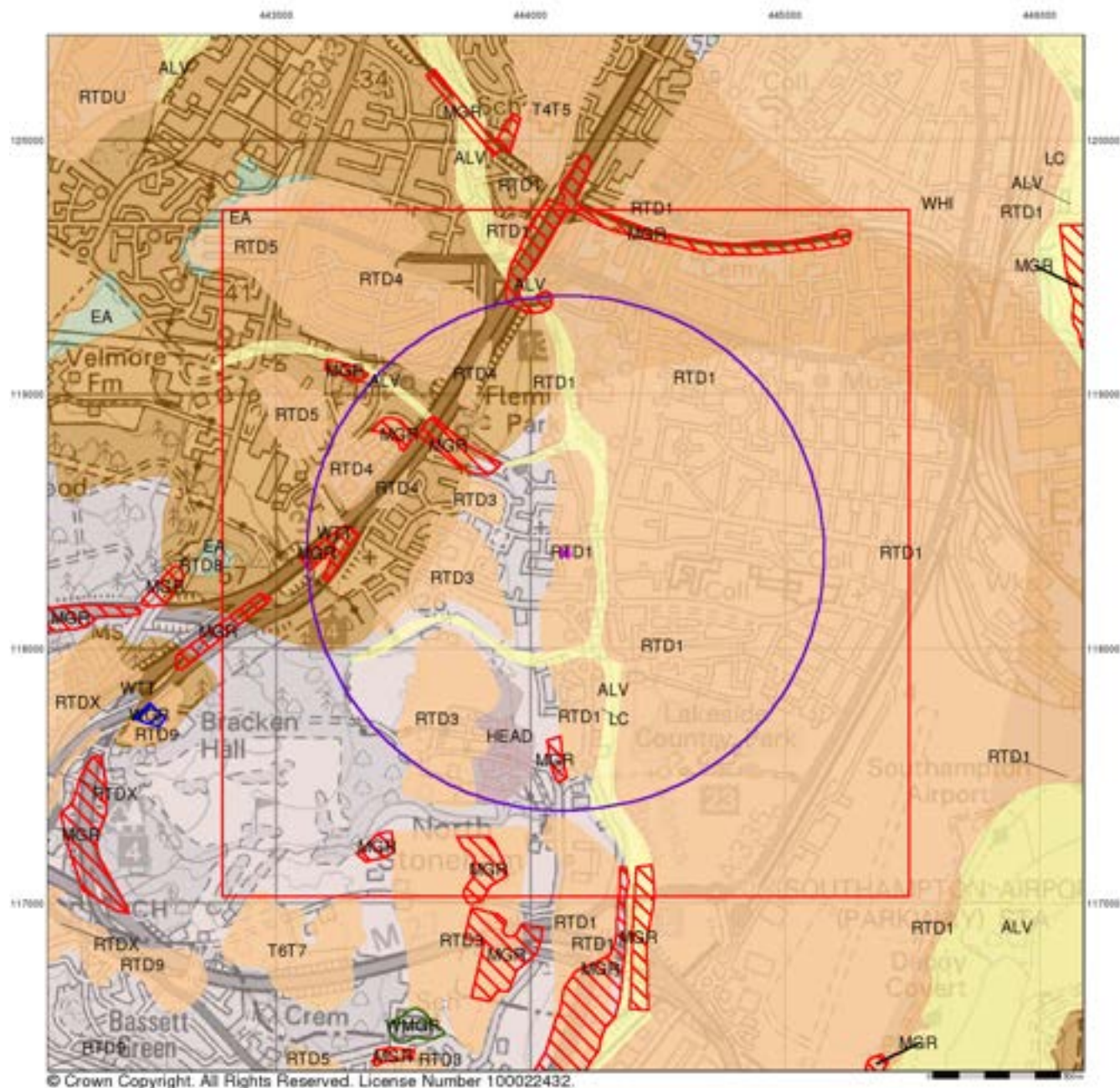
Order Number: 280783731_1_1
Customer Reference: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

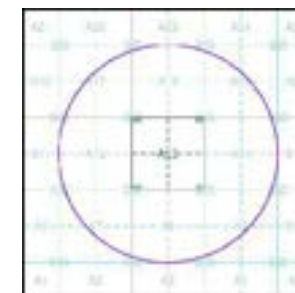
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

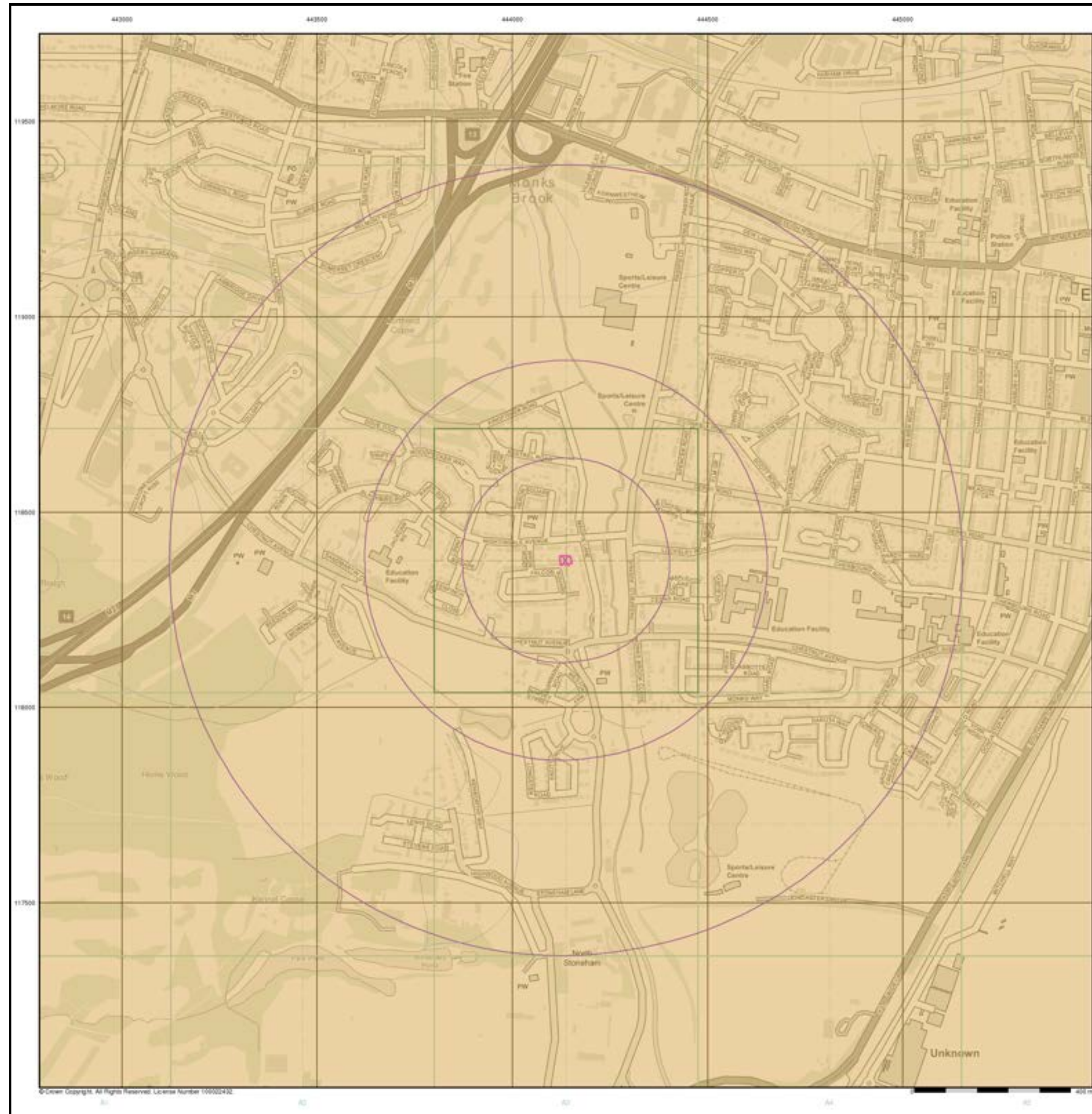
Order Number: 280783731_1_1
Customer Reference: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
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Site Details:

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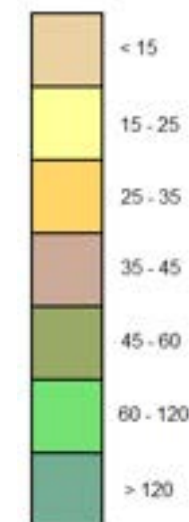


General

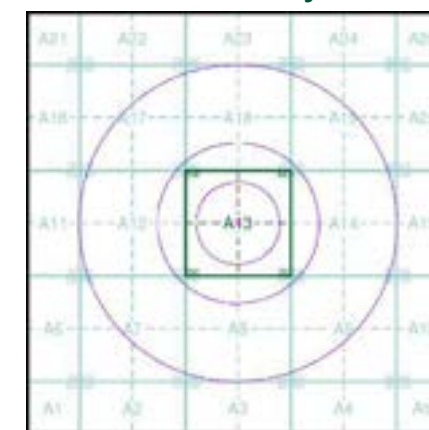
Specified Site Specified Buffer(s) Diving Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

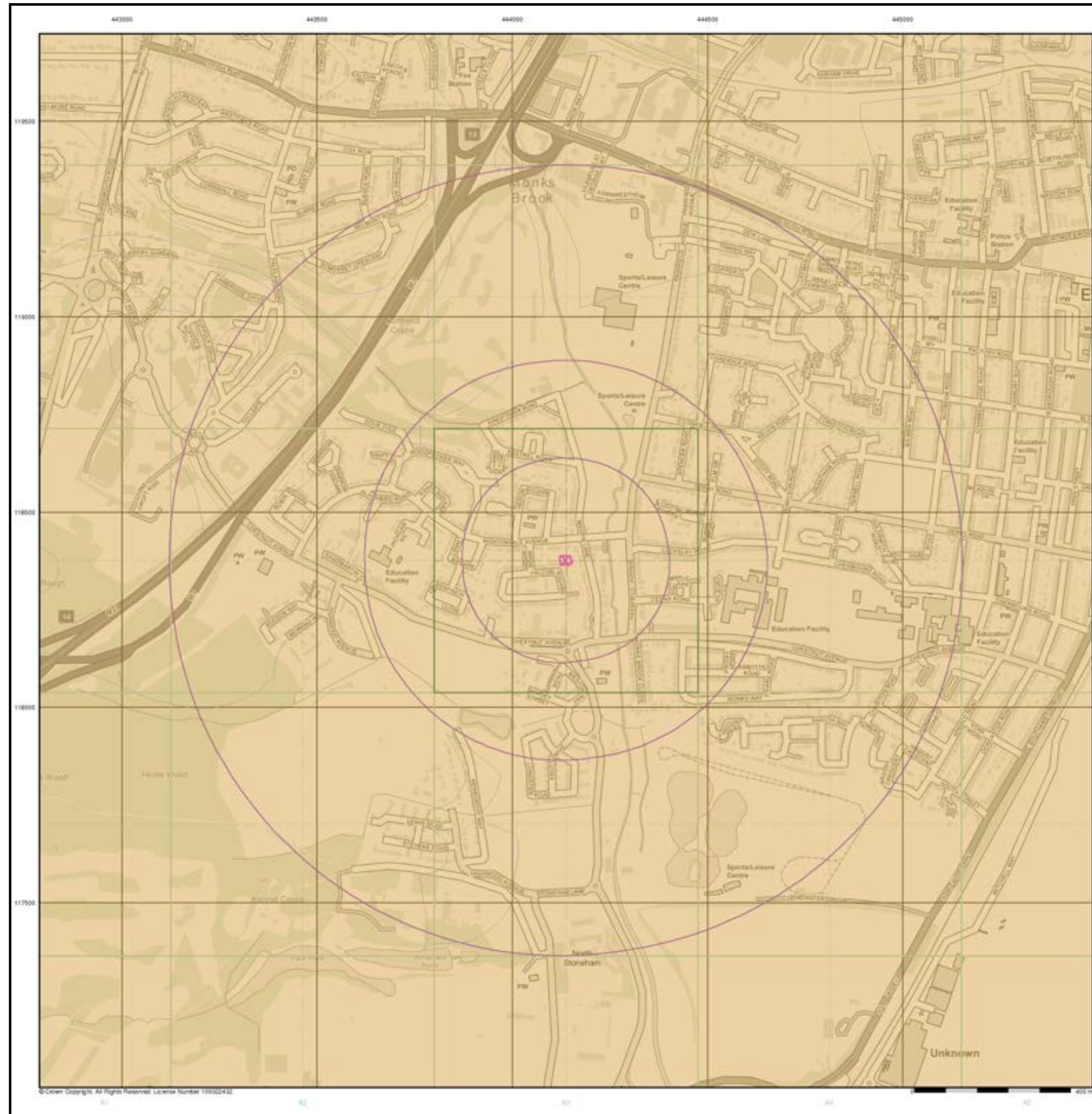
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Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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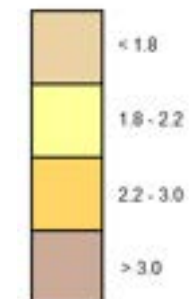


General

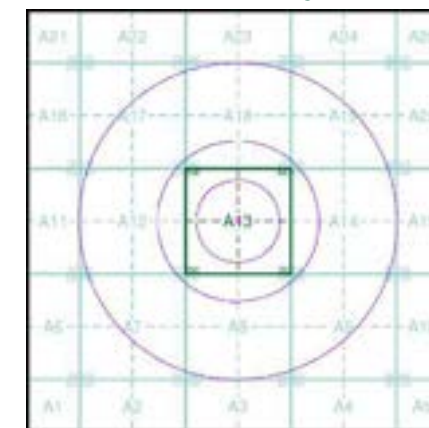
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

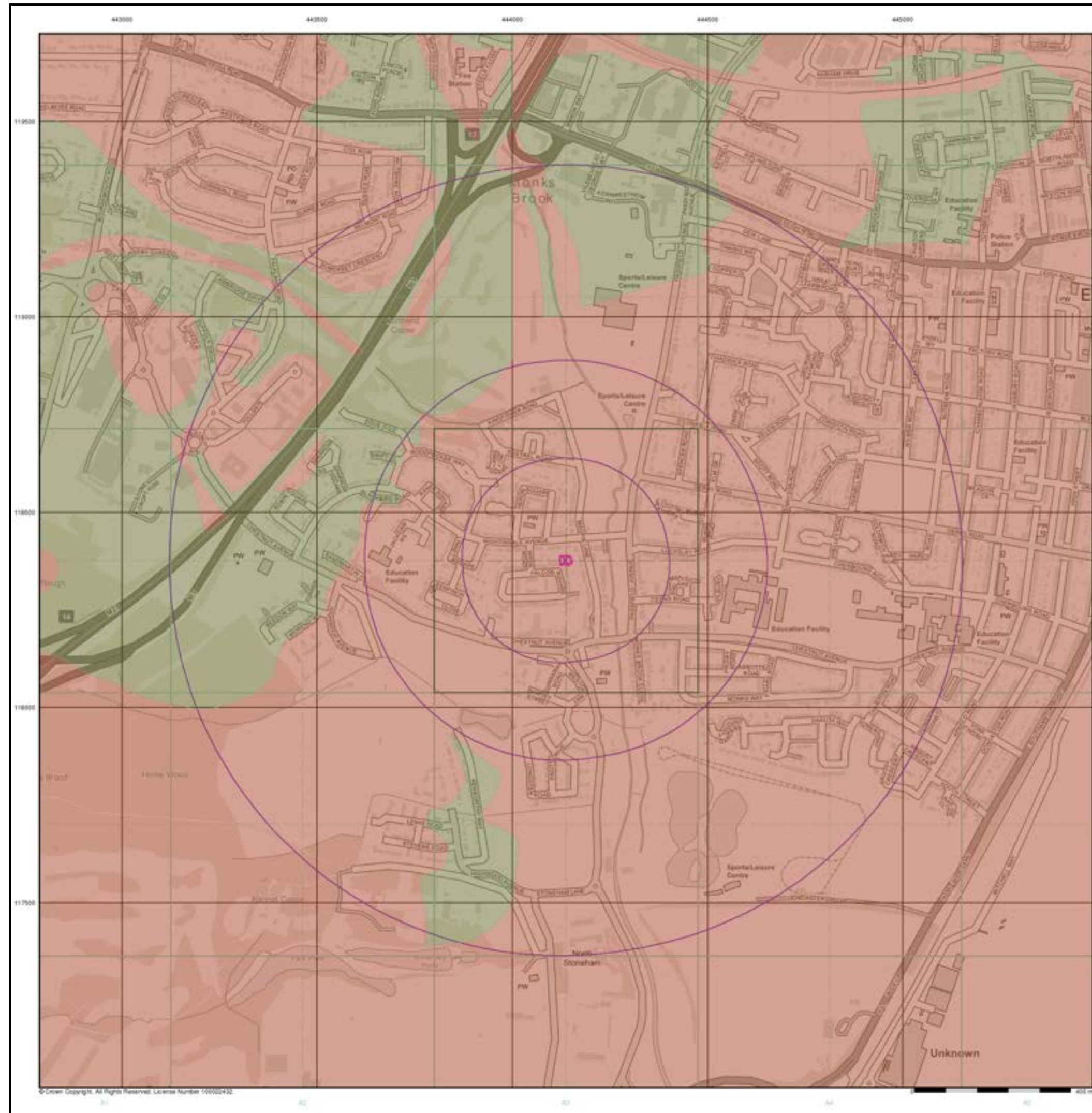
Order Details: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
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Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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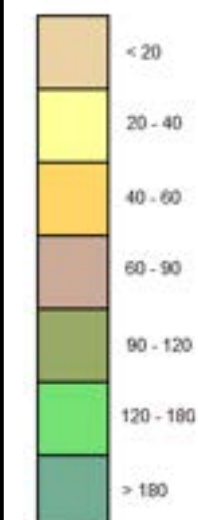


General

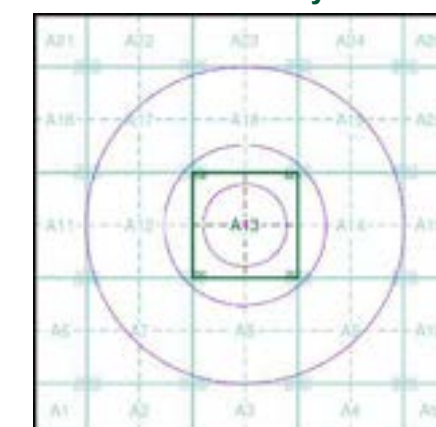
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

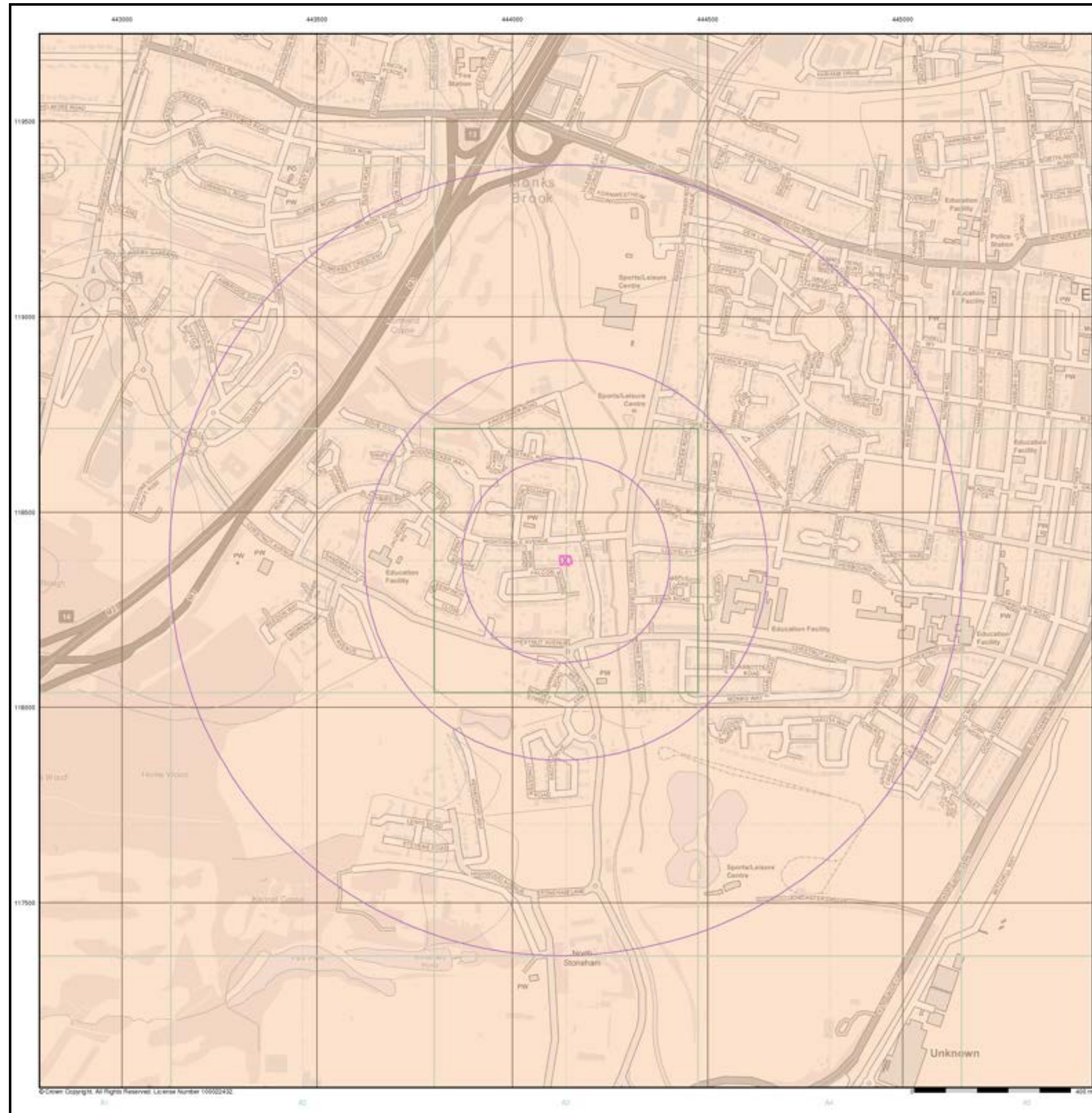


Order Details

Order Details: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF

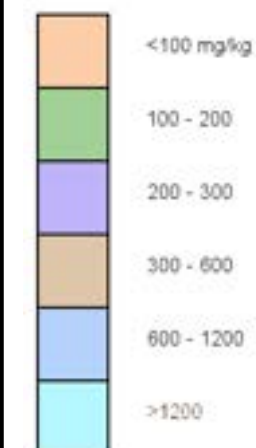


General

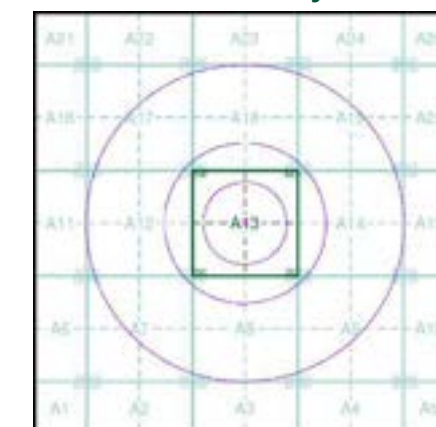
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

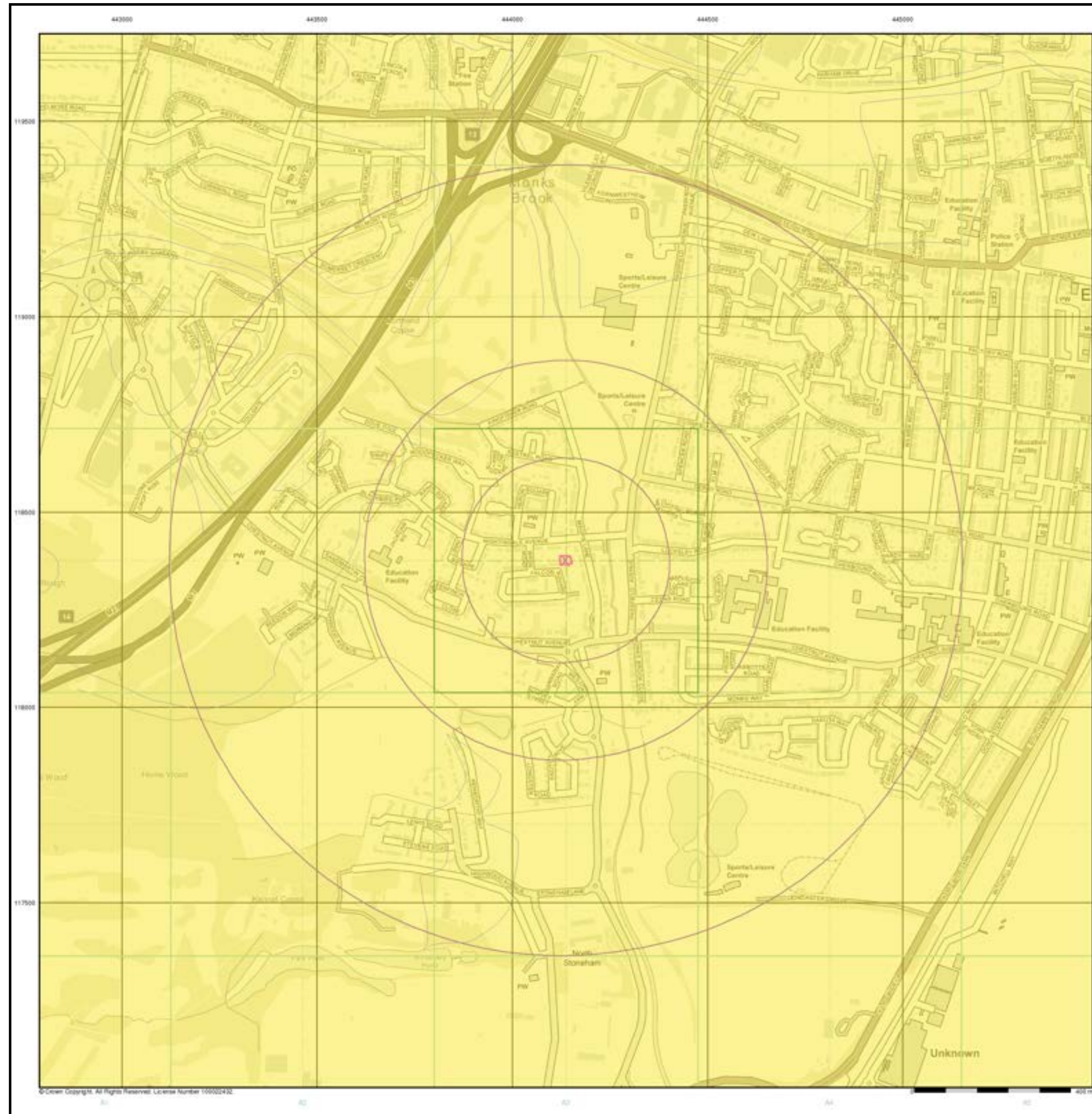
Order Details: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
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Site Details

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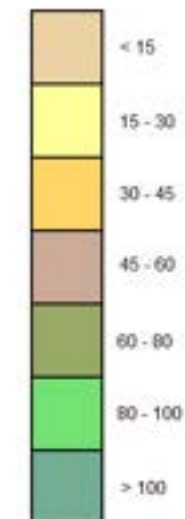


General

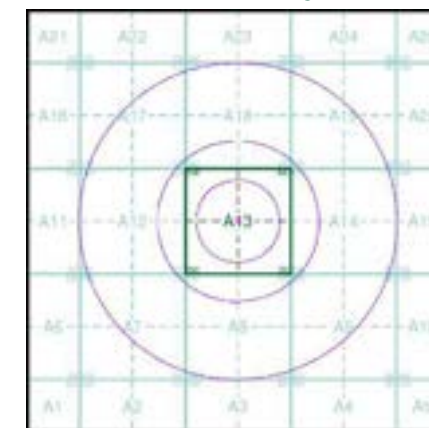
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

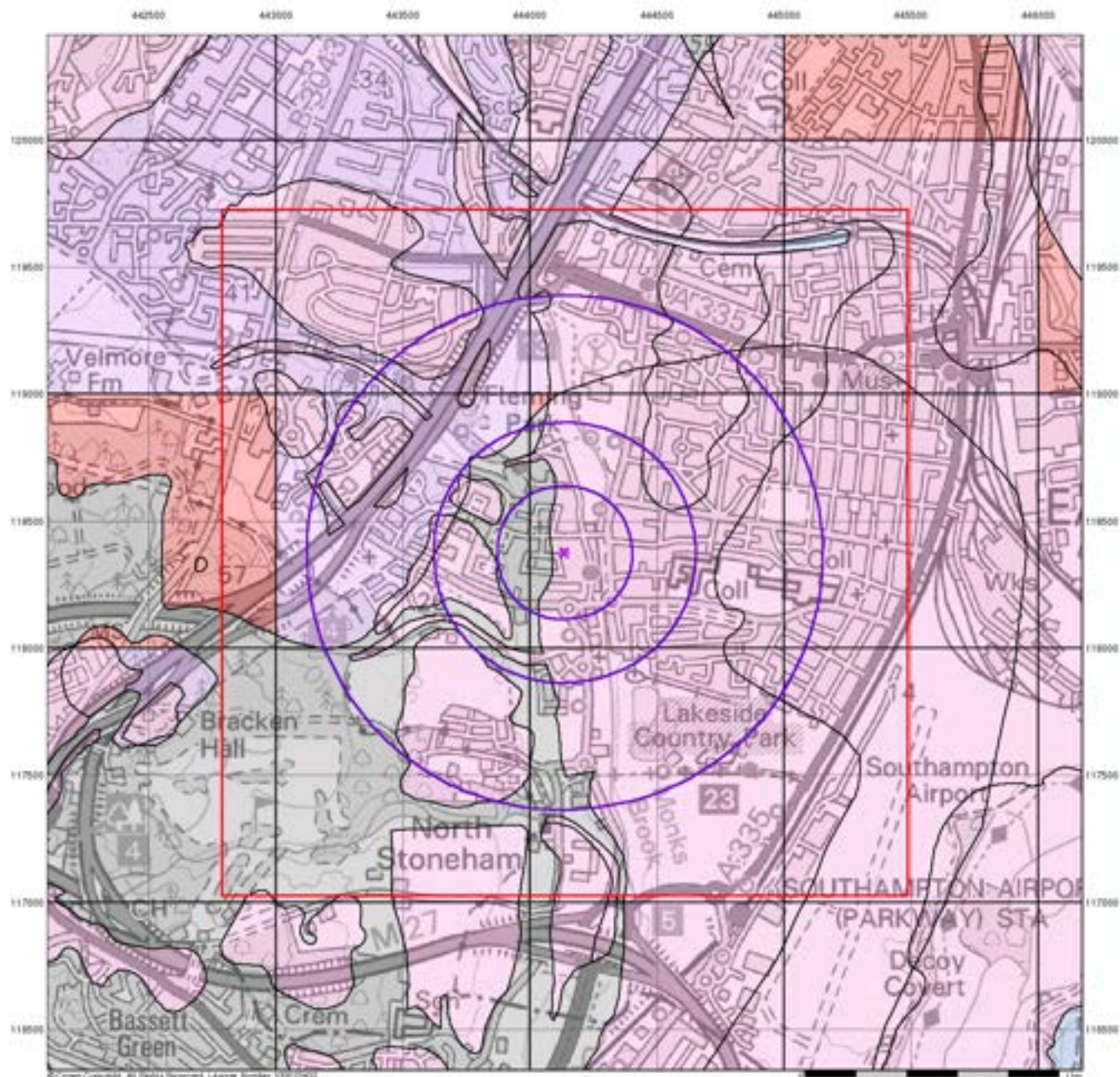
Order Details: 280783731_1_1
Customer Ref: 19473
National Grid Reference: 444140, 118380
Slice: A
Site Area (Ha): 0.07
Search Buffer (m): 1000

Site Details

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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- Unproductive Aquifer
- Soluble Rock

Superficial Aquifers

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

Site Sensitivity Context Map - Slice A



Order Details

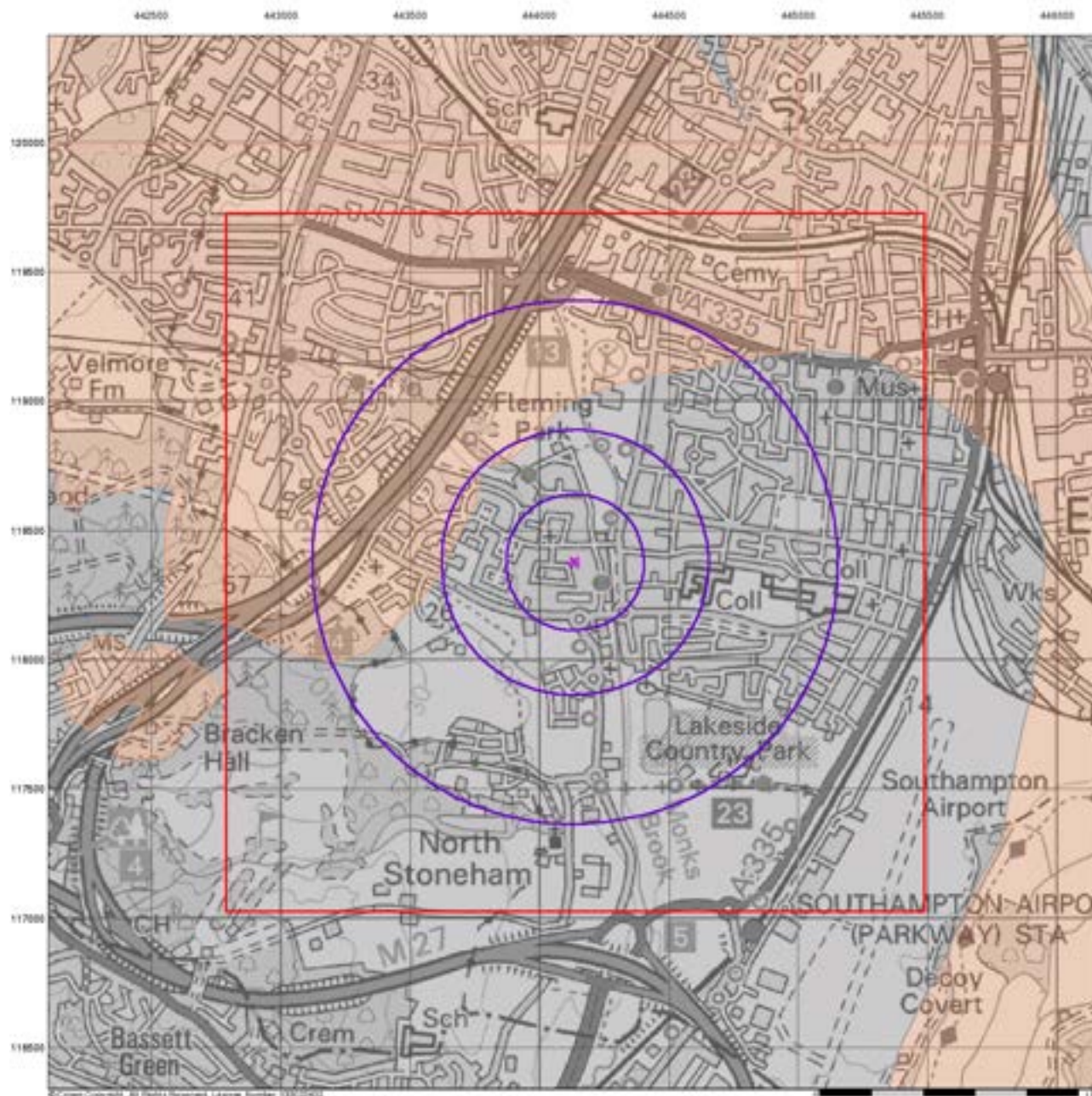
Order Number: 280783731_1_1
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Bedrock Aquifer Designation

General

- Specified Site
- Specified Buffer(s)
- X 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



Order Details

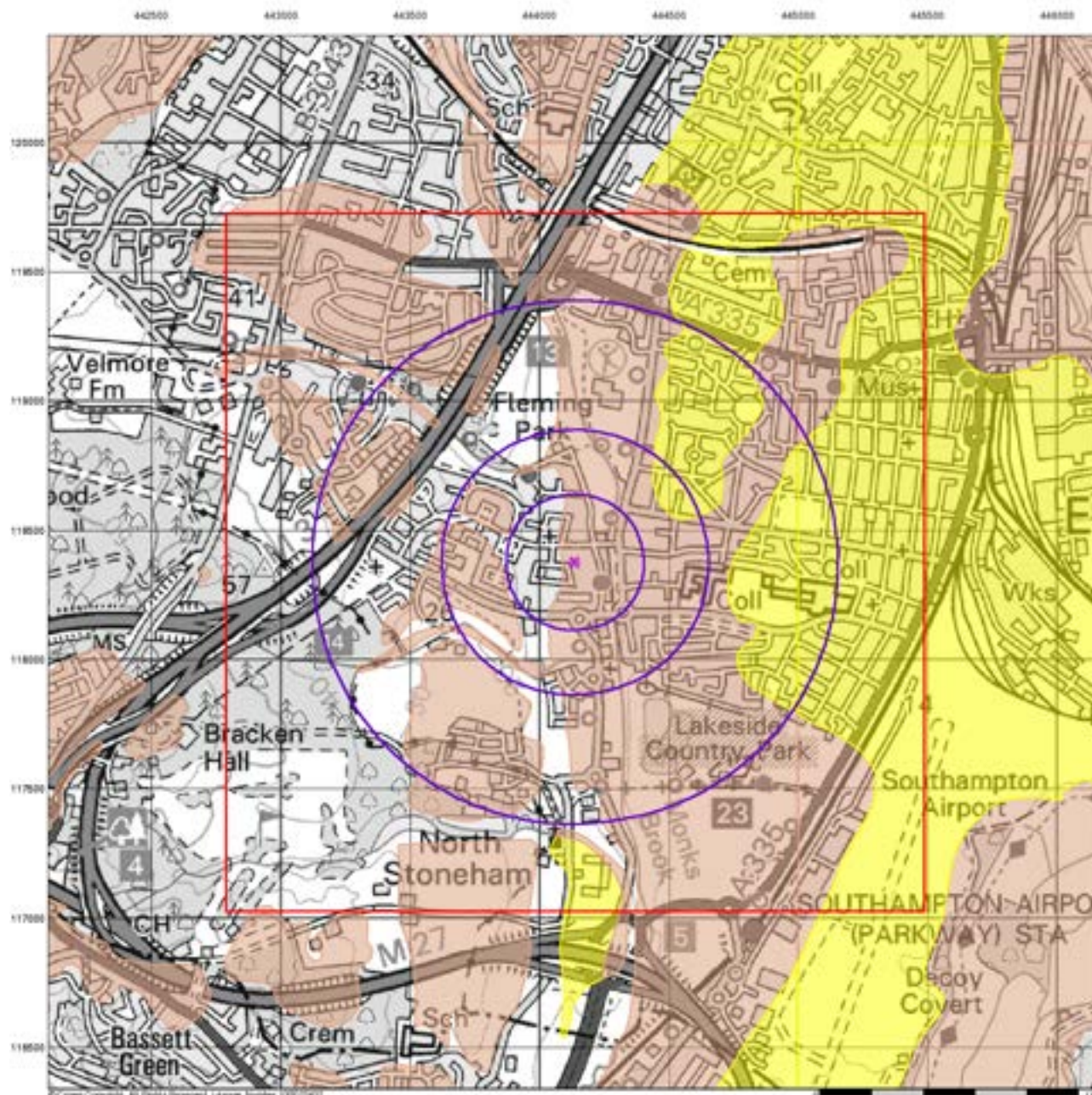
Order Number: 280783731_1_1
 Customer Ref: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

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 Fax: 0844 844 9951
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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



Order Details

Order Number: 280783731_1_1
 Customer Ref: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
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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



Order Details

Order Number: 280783731_1_1
 Customer Ref: 19473
 National Grid Reference: 444140, 118380
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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



Order Details

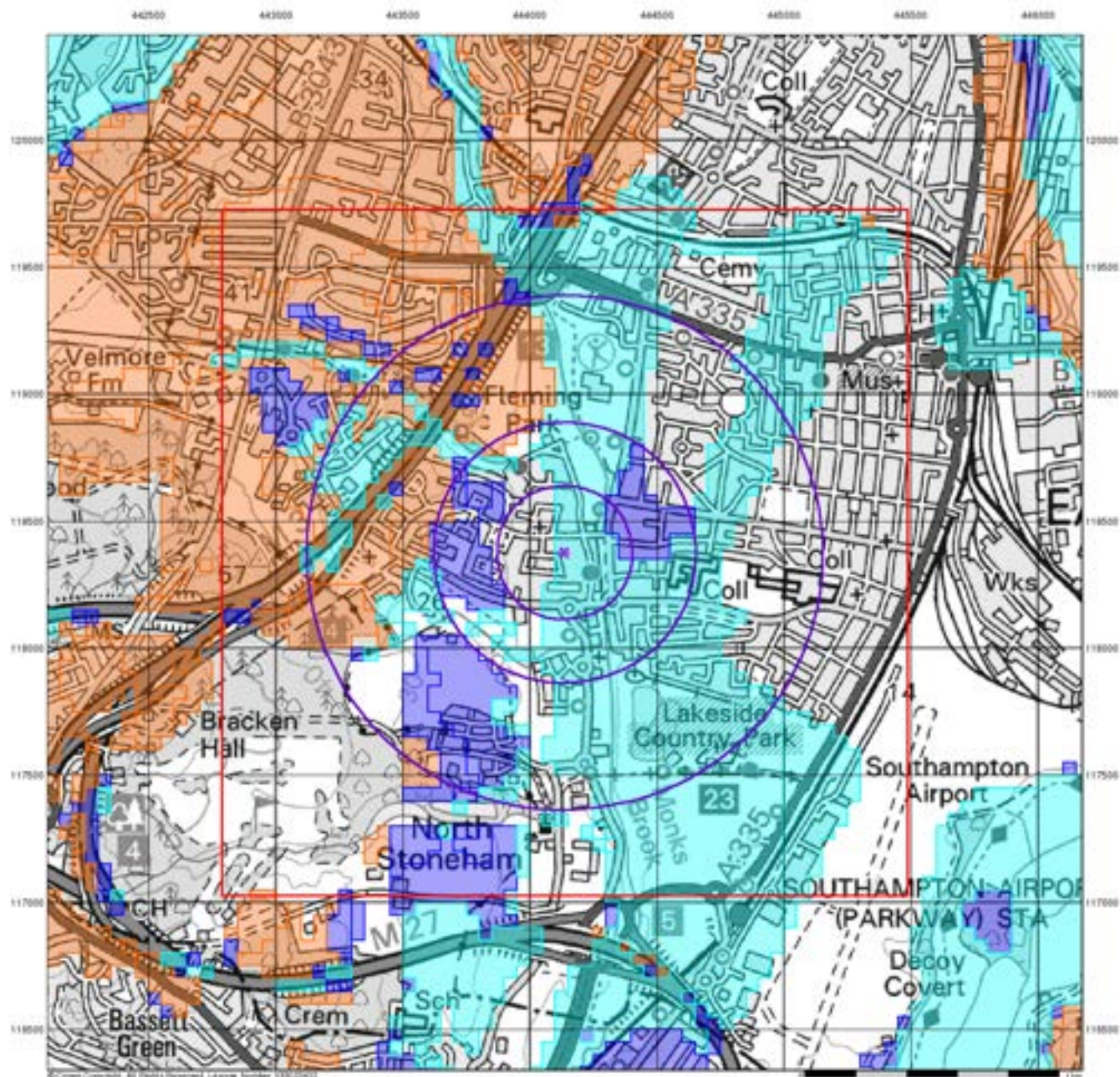
Order Number: 280783731_1_1
 Customer Ref: 19473
 National Grid Reference: 444140, 118380
 Slice: A
 Site Area (Ha): 0.07
 Search Buffer (m): 1000

Site Details

Nightingale Avenue, Eastleigh, SO50 9JF



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



BGS Flood GFS Data

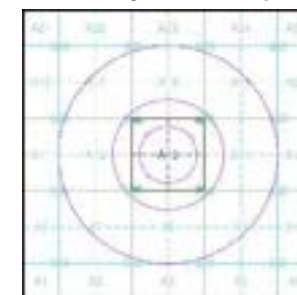
General

- 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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Appendix E Preliminary UXO Risk Assessment



Preliminary UXO Risk Assessment

www.1stlinedefence.co.uk

Client	Soils Ltd
Project	Nightingale Avenue, Eastleigh
Site Address	Nightingale Avenue, Eastleigh, Hampshire SO50 9JA
Report Reference	EP13936-00
Date	22/07/21
Originator	AJS

Assessment Objective

This preliminary risk assessment is a qualitative screening exercise to assess the likely potential of encountering unexploded ordnance (UXO) at the Nightingale Avenue site, in Eastleigh. The assessment involves the consideration of the basic factors that affect the potential for UXO to be present at a site as outlined in Stage One of the UXO risk management process.

Background

This assessment uses the sources of information available in-house to 1st Line Defence Ltd to enable the placement of a development site in context with events that may have led to the presence of German air-delivered or Allied military UXO. The report will identify any immediate necessity for risk mitigation or additional research in the form of a Detailed UXO Risk Assessment. It makes use of 1st Line Defence's extensive historical archives, library and unique geo-databases, as well as internet resources, and is researched and compiled by UXO specialists and graduate researchers.

The assessment directly follows CIRIA C681 guidelines "Unexploded Ordnance, a Guide for the Construction Industry". The document will therefore assess the following factors:

- Basic Site Data
- Previous Military Use
- Indicators of potential aerial delivered UXO threat
- Consideration of any Mitigating Factors
- Extent of Proposed Intrusive Works
- Any requirement for Further Work

It should be noted that the vast majority of construction sites in the UK will have a low or negligible risk of encountering UXO and should be able to be screened out at this preliminary stage. The report is meant as a common sense 'first step' in the UXO risk management process. The content of the report and conclusions drawn are based on basic, preliminary research using the information available to 1st Line Defence at the time this report was produced. It should be noted that the only way to entirely negate risk from UXO to a project would be to support the works proposed with appropriate UXO risk mitigation measures. It is rarely possible to state that there is absolutely 'no' risk from UXO to a project.





Risk Assessment Considerations	
Site location and description/current use	The site is located along Nightingale Avenue, in Eastleigh, Hampshire. Recent aerial imagery dated 2020 indicates that the site is currently comprised of an overgrown and derelict area of land – corroborated by the client. The site is bordered on all boundaries by residential housing, with an access way to Nightingale Road north of the site. The site is approximately centred on the OS grid reference: SU 44132 18387. 
Are there any indicators of current/historical military activity on/close to the site?	In-house records do not indicate that the site footprint had any former military use. No features such as WWII defensive positions, encampments or firing ranges are recorded to have been located at or in the immediate vicinity of the site. In addition, no information of ordnance being stored, produced, or disposed of within the proposed site boundary could be found. The closest recorded Heavy Anti-Aircraft (HAA) battery was situated approximately 750m north-west of the site. The conditions in which unexploded anti-aircraft ordnance may have fallen unrecorded within the proposed site are analogous to that of aerially delivered Luftwaffe bombs.
What was the pre- and post-WWII history of the site?	Pre-WWII OS mapping, dated 1938, indicates that the site was part of allotment gardens. Further, the area surrounding the site on all site boundaries was open ground/allotment gardens. To the north of the site lay further allotment gardens, and a few residential houses. To the east of the site lies a road, <i>Spring Lane</i>, and beyond more open ground. Post-WWII OS mapping, dated 1951-1953 indicates that the area surrounding the site has been developed into residential housing. However, the site itself is indicated to still be comprised of open ground. To the north of the site lies Nightingale Avenue; to the east, beyond housing, lies Magpie Lane. Falcon Square lies south of the site, and Wren Road lies west of the site beyond residential housing. Thus, while development has occurred in this area, the site itself does not appear to have been developed in this period.
Was the area subject to bombing during WWII?	During WWII the site was situated within the Municipal Borough of Eastleigh, which sustained a low density of bombing according to Home Office statistics, with an average of 28.4 items of ordnance recorded per 1,000 acres. This comprised of 160 high explosive (HE) bombs, 10 parachute mines, three oil bombs and five long range rocket bombs (V2s) - accumulating in 178 incidents across 6,269 acres of land. Luftwaffe target photography indicates that the Southampton Airport, located approximately 1.6km south-east of the site, was a significant target in the area, and subjected to targeted bombing. A Southampton local bomb map (compiled on a macro-level) covering the site area indicates that there were a number of bombing incidents in this area, though none appear to have directly affected the site.



Is there any evidence of bomb damage on/close to the site?	At this preliminary stage, no positive evidence of bomb damage could be found within the site location. Given the low density of bombing in the district and the small size of the site. It is not considered likely that the site sustained any level of bomb damage.
To what degree would the site have been subject to access?	As the site was comprised of an area of open ground, and part of allotment gardens during, WWII it is not likely that it would have been subject to frequent access. Furthermore, it also seems unlikely that the whole site would have been checked post-raids. The observation of signs of UXO would have been reliant on the vigilance of the various allotment owners visiting the site.
To what degree has the site been developed post-WWII?	Post-WWII development of the area consists of residential housing in the surrounding area. Despite this, the site does not appear to have been significantly developed. OS mapping dated 1961 indicates that two small structures were built on site. The risk of encountering UXO is only considered mitigated at the locations of, and to the depths of, post war foundations and excavations.
What is the nature and extent of the intrusive works proposed?	Information provided by the client indicates that the works are to include trial pitting and windowless sampler boreholes.

Summary and Conclusions

During WWII the site was situated within the Municipal Borough of Eastleigh, which sustained a low density of bombing according to Home Office statistics, with an average of 28.4 items of ordnance recorded per 1,000 acres.

Luftwaffe target photography indicates that the Southampton Airport, located approximately 1.6km south-east of the site, was a significant target in the area, and subjected to targeted bombing.

At this preliminary stage, no positive evidence of bomb damage could be found within the site location. Given the low density of bombing in the district and the small size of the site. it is not considered likely that the site sustained any level of bomb damage.

Recommendations

Given the findings of this preliminary report, the risk from UXO is not considered to be significantly higher than the 'background risk' of finding UXO within this part of the country.

Whilst it would be possible to conduct a Detailed UXO Risk Assessment for this site, it is not anticipated that any further findings would significantly alter the risk of encountering unexploded ordnance within the site. **It is therefore not recommended that any further action is taken for this site.**

If the client has any anecdotal or empirical evidence of UXO risk on site, please contact 1st Line Defence.



It should be noted that although the risk from unexploded ordnance on this site has been assessed as low/minimal, this does not mean there is 'no' risk of encountering UXO. This preliminary report has been undertaken with due diligence, and all reasonable care has been taken to access and analyse relevant historical information. By necessity, when dealing historical evidence, and when making assessments of UXO risk, various assumptions have to be made which we have discussed and justified within this report. Our reports take a common-sense and practical approach to the assessment of UXO risk, and we strive to be reasonable and pragmatic in our conclusions. As referenced, it would be possible to undertake further research into this site, but based on the evidence to hand, this is not deemed strictly necessary, and no reasonably justifiable requirement for proactive on-site mitigation has been identified.

It should however be stressed that if any suspect items are encountered during the proposed works, 1st Line Defence should be contacted for advice/assistance, and to re-assess the risk as necessary. Furthermore, we would recommend that ground personnel are always made aware of the potential for encountering UXO, what to look out for and what to do in the unlikely event that a suspect item is encountered, and that a UXO Risk Management Plan is put together for the proposed works. We would be happy to provide a template and guidance for this – contact us on 01992 245020. Should the scope of works change or additional works be proposed, 1st Line Defence should be contacted to re-evaluate the risk.



Appendix F Site Photographs



Photo 1: View Southwest of Garages



Photo 2: View Southwest of Garage with possible Asbestos Roofing materials



Photo 3: View South of variable Site Coverings



Photo 4: View South of typical Site Vegetation



Photo 5: View South of Eastern area – former vehicle maintenance / scrap?



Photo 6: View from Northeast site corner of off-site Mains and Surface Drainage



Photo 7: View East of Residential Properties and Gardens



Photo 8: View West along access road

Appendix G Risk Assessment Criteria

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

Table A.1. Classification of Consequence

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

Table A.2. Classification of Probability

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

Table A.3. Comparison of Consequence Against Probability

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

Table A.4. Risk Classifications

Very High	There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without remediation action OR there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to be site owner/or occupier. Investigation is required as a matter of urgency and remediation works likely to follow in the short-term.
High	Harm is likely to arise to a designated receptor from an identified hazard at the site without remediation action. Realisation of the risk is likely to present a substantial liability to the site owner/or occupier. Investigation is required as a matter of urgency to clarify the risk. Remediation works may be necessary in the short-term and are likely over the longer term.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely, that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to site owner/occupier. Some remediation works may be required in the longer term.
Low	It is possible that harm could arise to a designated receptor from identified hazard, but it is likely at worst, that this harm if realised would normally be mild. It is unlikely that the site owner/or occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remediation works are likely to be relatively limited.
Very low	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.
None	No potential risk if no pollution linkage has been established.

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