soils
LIMITED

Preliminary Investigation Report

at
The Croft Medical Centre, Barnham Road, Eastergate, West Sussex PO20 3RP

for
PHP Primary Care Developments

Job Reference: 19023/PIR_R26
March 2021

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

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

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Commission

Soils Limited was commissioned by PHP Primary Care Developments to undertake a Preliminary Investigation on The Croft Medical Centre, Barnham Road, Eastergate, West Sussex PO20 3RP. The scope of the investigation was outlined in the Soils Limited quotation reference Q23812/ Rev101, dated January 2021.

Caveat

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

This Preliminary Investigation does not include a detailed UXO risk assessment, it does however contain a basic assessment in accordance with CIRIA C681 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 1 Introduction

1.1 Objective

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

1.2 Site Location

The site was located at The Croft Medical Centre, Barnham Road, Eastergate, West Sussex PO20 3RP and had an O.S Land Ranger Grid Reference of SU 94659 05653.

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

1.3 Proposed Development

The proposal comprised the construction of a two storey medical centre consisting consultation and treatment rooms, waiting areas, office space and a pharmacy located on the ground floor.

Areas of soft landscaping were situated surrounding the main building with footpaths located to the west. Areas of vehicle parking were located in the north and south with access to the plot off Barnham Road in the south. No private gardens or areas identified for the growing of produce were shown on the drawings.

In compiling this report reliance was placed on drawings 9226.P004 - Proposed Site Plan and 9226.P005 - Proposed Floor Plans, dated June 2020 and were prepared by Simpson Hilder Associates Limited. 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.

1.4 Legislation and Liability

The primary legislative mechanism for contaminated land management in the UK is Part 2A of the Environmental Protection Act, 1990 (EPA). Part 2A was introduced into the EPA under Section 57 of the Environment Act 1995 to help deal with the substantial legacy of land contamination. The legislation provides powers in relation to the identification, remediation and apportionment of liability for contaminated land. Part 2A applies where there is unacceptable risk, assessed on the basis of the current use and

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the relevant circumstances of the land. It is not directed to assessing risks in relation to a future use of the land that would require a specific grant of planning permission.

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

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

Under the legislation, Contaminated Land is defined as: -

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

Where the Act defines harm as:

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

and pollution of controlled waters is defined as: -

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

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

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

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

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1.5 Limitations and Disclaimers

This Preliminary Investigation Report relates to the site located at The Croft Medical Centre, Barnham Road, Eastergate, West Sussex PO20 3RP and was prepared for the sole benefit of PHP Primary Care Developments (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 Quotation Q23812/ Rev101, dated January 2021, and accepted by the client in their Purchase Order TC/Croft, dated 18th January 2021.

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

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

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

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

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

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

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

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

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

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

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Section 2 Site Conditions

2.1 Site Walkover

A site walkover was undertaken in February 2021, by Soils Limited. During the site walkover observations were made in relation to current activities, evidence of historical activities, sources of potential contamination such as fuel storage tanks, oil drums and chemical storage and evidence of contamination. The walkover also looked for evidence of soil contamination in the form of staining odours and stressed or discoloured vegetation. The notes of the site walkover are presented in Table 2.1 and Table 2.2.

Table 2.1 Site Walkover Record (On-site)

Use of Site	Open field with no current usage.
Structures	No structures recorded onsite. A small area of concrete (possible old floor slab) was recorded in the southwest
Site Topography	The site was flat with only minor undulations recorded.
Site Covering	Covering was predominately cut rough grass with wood chippings. A small area of concrete (possible old floor slab) was recorded in the southwest
Vegetation	The site had recently been cleared with evidence of tree/bush felling (piles of branches and stumps). Mature trees were noted lining the eastern boundary.
Potential Contamination Sources	None recorded
Odour	None recorded
Drainage	None recorded

Table 2.2 Site Walkover Record (Off-site)

Use of Land	The site extended to the north (outside of the area of development). Residential properties to the west and south. Grassland and fields situated to the east.
Area Topography	Gradual slope down to the south (<0.1%)
Vegetation	Grassland and fields situated to the east. Park and playing fields to the south and southwest
Potential Contamination Sources	Scrap yard to the west.

2.2 Site Drainage

Considered to be free draining into underlying soils.

2.3 Site Photographs

The site photographs have been included within Appendix F.

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Section 3 Geology, Hydrogeology, Hydrology and Radon

3.1 Anticipated Geology

The 1:50,000 BGS map showed the site to be located directly upon bedrock of the London Clay Formation with overlying superficial deposits of River Terrace Deposits. Head deposits were also recorded along the western boundary and across the north western corner of the site.

3.1.1 Head

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

3.1.2 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.

3.1.3 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 Lambeth Group.

3.2 Hydrogeology

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

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

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Table 3.1 Hydrogeological Assessment

Hydrogeological Data		Comment
On-site Aquifers	Superficial	Secondary A[1]
	Bedrock	Unproductive Strata[2]
Groundwater Vulnerability		Medium vulnerability[3], associated with the superficial secondary A aquifer
Source Protection Zones (SPZ)		Zone IIc[4] – 148m north
Abstraction	Potable	Public water supply – 813m north
	Non-potable	Spray irrigation – 437m northwest
Sensitive land uses		Nitrate vulnerable zone - onsite
Surface Water Features		Inland river 292m west
Flood Risk from Rivers or Seas		194m west
Flood Risk from Surface Water		Medium risk – 10m north, 20m east, 15m south
Flood Risk from Groundwater		Potential for groundwater flooding to occur at surface - onsite

Notes: [1]Secondary 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. [3] Soils of medium leaching potential. [4] Zone IIc (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater - subsurface activity only.

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

3.3 Hydrology

The approximate elevation of the site was ~15m Above Ordnance Datum (AOD). The anticipated groundwater flow direction is given in Table 3.2.

Table 3.2 Hydrological Assessment

Type	Direction	Notes
Surface water	None	Due to underlying free draining granular soils of the River Terrace Deposits
Shallow Groundwater	South	Down to the southwest through the granular soils of the River Terrace Deposits and in line with the wider topography.
Deep Groundwater	South	Down to the southwest at low velocity through the cohesive soils of the London Clay Formation and in line with the wider topography. The London Clay Formation will act as an aquiclude to the underlying chalk formation.

3.4 Radon Gas

The site is situated in an intermediate probability affected area, where 1 to 3% of homes are estimated to be at or above the Action Level. Radon protection measures **will not be required** within the proposed new development. It is not possible in the course of a survey or inspection to determine whether radon gas is present as the gas is colourless and odourless. Tests can be undertaken to assess the concentration of radon in existing structures.

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Section 4 Site History

4.1 Historic Map Study

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

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

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

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

Table 4.1 Historic Development of the Site

Site History	Date Range	
	From	To
The site is situated within fields and has no structures recorded on. A boundary hedge/fence runs northeast to south near the southeast edge of the site.	1875	1912
Boundaries previously intersecting the site have been removed. The site is situated within a wider area of open fields. hedges/fencing is situated on the east and southern boundaries.	1912	1937
A row of trees are shown running from north to south across the main part of the site, Two buildings are now located in the very south adjacent to the A2024 (current day access route).	1937	1961
A large barn or warehouse has been constructed on the western corner	1961	1974
Large barn in the western corner has been removed, A single, long barn or warehouse has been constructed in the south, The row of trees is no longer recorded on site, but sporadic trees now cover the entire area.	1974	1994
Construction of a barn along the southwestern boundary	1994	2000

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Site History	Date Range	
	From	To
barn along the southwestern boundary no longer shown	2000	Present

Table 4.2 Historic Off-site Development

Off-site Development	Date Range	
	From	To
The surrounding areas is predominately comprised of fields. A track runs directly south of the site. Sporadic housing, farm buildings and an orchard are recorded >200m west and southwest. A Rectory and school is located 225m southwest. The village of Eastergate is located 275m south. A gravel pit is located 260m north	1875	1912
A nursey, glass houses and outbuildings are shown 125m north, General increase in houses and buildings located surrounding the junction 240m west, A further nursery including large glass houses is recorded 200m south	1912	1937
Areas to the north and east are predominately planted with trees / orchards. Development of detached residential houses are a present from 50m to 250m to the north, west, south and southeast, Barns or large building are recorded to the east of the site, An additional nursery is recorded 20m west, A sports ground has been constructed 60m southwest, The gravel pit located 260m north has been redeveloped into housing.	1937	1974
Nursey located 20m west is no longer shown, Increase in density of housing in the west, south and southeast. Particularly around Cherry Tree Drive, Highview Road and Critchmere Drive, A large Nursery including glass houses has been constructed 85m east, A poultry farm is now shown 165m south, Nursery in the north is now redeveloped as housing Folly Fruit Farm recorded 165m north	1974	1979
A car breakers yard in shown 185m northwest, The poultry farm and nursery recorded 165 and 200m south are no longer shown and the areas developed for housing	1979	1994
Development of housing and buildings along Barnham Road, including The Croft Surgery.	1994	1999
Aerial images show the site to be used as a builders yard during the construction of the development to the west, Various vehicles and sheds can be identified, particularly in the southwest corner.	1999	2000
Building in the south has been removed, building in the southwest remains	2000	Present

Table 4.3 Potential Sources of Pollution Indicated from Historic Maps

Source	Direction	Distance (m)	Date Range	
			From	To
Gravel Pit	North	260	1875	1937
Nursery (inc glasshouses)	North	125	1912	1979
Nursery (inc glasshouses)	South	200	1912	1979
Nursery (inc glasshouses)	West	20	1937	1974
Demolition of buildings	Onsite	Onsite	1912	Present

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Source	Direction	Distance (m)	Date Range	
			From	To
Nursery (inc glasshouses)	East	85	1974	2000
Poultry farm	South	165	1974	1979
Folly Fruit Farm	North	165	1974	Present
Vehicle breakers yard	West	185	1979	Present
Building materials and vehicle storage	Onsite	Onsite	1999	2000

4.2 Bomb damage and the potential for Unexploded Ordnance

In accordance with guidance presented in C681 'Unexploded Ordnance (UXO) A guide for the Construction Industry' and C785 'Unexploded ordnance (UXO) risk management guide for land-based projects' a review has been undertaken of the historic maps which has indicated that the site is indicated to be at a low risk from bombing, shelling or having had a military use.

Based on the assessment of the historical maps, a specialist UXO Risk assessment is not considered necessary to determine the risk to the proposed development.

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Section 5 Environmental Records and Consultation

5.1 Dataset Information

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

Table 5.1 Environmental Significance of Data

Source	Direction	Distance (m)
Contaminated Land Register Entries and Notices	None	None
Discharge Consents	None	None
Integrated Pollution Prevention and Control	None	None
Local Authority Pollution Prevention and Controls	West	552[1]
Local Authority Pollution Prevention and Control Enforcements	None	None
Nearest Surface Water Feature	West	292[2]
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	None	None
Nearest Potable Abstraction Point	North	813[4]
Nearest Non-Potable Abstraction Point	Northwest	437[3]
Water Industry Act Referrals	None	None
Source Protection Zones	North	148[5]
Extreme Flooding from Rivers or Sea Without Defences	West	161
Flooding from Rivers or Sea Without Defences	West	194
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	Northeast	422[6]
Licensed Waste Management Facilities	Northwest	223[7]
Local Authority Recorded Landfill Sites	Northeast	422[6]
Potentially Infilled Land (Non-Water)	North	274[8]
Potentially Infilled Lane (Water)	Southeast	147[9]
Registered Landfill Sites	None	None
Registered Waste Transfer Sites	None	None
Registered Waste Treatment or Disposal Sites	West	220[7]
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]PG1/14 Petrol filling station. [2]Inland River. [3]General agriculture. [4]Public water supply. [5]Zone IIc – Outer Protection Zone. [6]EAHLD20155. [7]Metal Recycling Sites (Vehicle Dismantlers). [8]Unknown Filled Ground (Pit, quarry etc) - 1979. [9]Unknown Filled Ground (Pond, marsh, river, stream, dock etc) - 1899

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Table 5.2 Contemporary Trade Directory

Contemporary Trade Directory within 250m	Direction	Distance (m)	Status	Risk
Temppest Environmental Services – Pest control	South	137	Active	
Caroline Cleaning Co Ltd – Domestic cleaners	South	165	Inactive	
S R C Recycling Ltd – Salvage dealers	Northwest	226	Inactive	
Sussex Recovery – salvage dealers	Northwest	228	Active	
Automation-Uk Ltd – Systems and equipment	South	240	Inactive	

Table 5.3 Geological Hazards

Source	Onsite Risk
Coal Mining Affected Areas	No hazard
Mining Instability	No hazard
Natural and Mining Cavities	No hazard
Potential for Collapsible Ground Stability Hazards	Low
Potential for Compressible Ground Stability Hazards	Very low
Potential for Ground Dissolution Stability Hazards	No hazard
Potential for Landslide Ground Stability Hazards	Very low
Potential for Running Sand Ground Stability Hazards	Low
Potential for Shrinking or Swelling Ground Stability Hazards	Very low

5.2 Site Sensitivity Maps

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

5.3 Regulatory Enquires

As part of the Preliminary Investigation Report the Arun district Council was contacted and asked to provide any information on potential risks pertaining the site. As the time of issuing the report no response had been received.

5.4 Soil Geochemistry

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

The results of this survey are contoured on the Landmark Environmental check report (Appendix C).

The results of the local soil chemistry are presented in Table 5.4.

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Table 5.4 Soil Geochemistry

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

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Section 6 Data Collection Summary

6.1 General

The findings of the data collection are summarised below:

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

Table 6.1 Site Environs

Environs	Summary
Geology	The 1:50,000 BGS map showed the site to be located upon bedrock of the London Clay Formation with overlying superficial deposits of River Terrace Deposits. Head deposits were also recorded along the western boundary and across the north western corner of the site.
Hydrogeology	Superficial River Terrace Deposits were classed as a Secondary A aquifer and could support shallow groundwater. The London Clay Formation bedrock was Unproductive Strata and act as an aquiclude to the deep groundwater regime.
Source Protection Zone (SPZ)	Zone IIc located 148m north. Topography of the site is sloping down to the south.
Surface water	In line with the wider topography. Not directly towards the nearest surface water feature due to a high point located offsite to the west.
Shallow Groundwater	Down to the south through the granular soils of the River Terrace Deposits and in line with the wider topography.
Deep Groundwater	Down to the south at low velocity through the cohesive soils of the London Clay Formation and in line with the wider topography. The London Clay Formation will act as an aquiclude to the underlying chalk formation.
Radon	No radon risk.
Flooding	The site has potential for groundwater flooding to occur at surface.
Geological Hazard	No hazards identifies
Local Authority Response	At the time of reporting no information had been received.
Soil Chemistry	No soil geochemistry levels were identified as a potential hazard.

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

Table 6.2 Summary of Potential Contamination Sources

Contaminative Sources	Direction	Distance (m)	Date Range		Data Source
			From	To	
On-Site					
Demolition of buildings	Onsite	Onsite	1912	Present	HM/ SW
Building materials and vehicle storage	Onsite	Onsite	1999	2000	HM
Previous farming usage of the site	Onsite	Onsite	1912	1999	HM
Off-Site					
Gravel Pit	North	260	1875	1937	HM

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Contaminative Sources	Direction	Distance (m)	Date Range		Data Source
			From	To	
Nursery (inc glasshouses)	North	125	1912	1979	HM
Nursery (inc glasshouses)	South	200	1912	1979	HM
Nursery (inc glasshouses)	West	20	1937	1974	HM
Nursery (inc glasshouses)	East	85	1974	2000	HM
Poultry farm	South	165	1974	1979	HM
Folly Fruit Farm	North	165	1974	Present	HM
Vehicle breakers yard	West	185	1979	Present	HM
Licensed Waste Management Facilities	Northwest	223	-	-	DS
Registered Waste Treatment or Disposal Sites	West	220	-	-	DS
S R C Recycling Ltd – Salvage dealers	Northwest	226	-	-	DS
Sussex Recovery – salvage dealers	Northwest	228	-	-	DS

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

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Section 7 Preliminary Conceptual Site Model

7.1 General

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

7.2 Sources and Pathways of Contamination

The Landmark Site Specific Envirocheck Report and Site Walkover have been used to identify potential contaminative sources. These sources have been presented in Table 6.2. An assessment of the likely pathways and the likelihood of each contaminative source that was considered a risk has been presented in Sections Potential Pathways to 7.2.5

7.2.1 Potential Pathways

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

Table 7.1 Applicable Pathways

Pathway	Present	Comment
Inhalation of dust	✓	Areas of proposed soft landscaping and disturbing soils by construction activities
Inhalation of vapour/gases	✓	Migrated from source through granular soils
Ingestion and absorption via direct contact	✓	Areas of proposed soft landscaping and disturbing soils by construction activities
Migration via surface runoff		Unlikely due to self-draining granular soils
Migration in solution via groundwater	✓	Through granular soils of River Terrace Deposits
Migration of gases via permeable soils	✓	Through granular soils of River Terrace Deposits
Direct contact with construction material	✓	Construction materials e.g. foundations within underlying soils.
Services and Utilities	✓	Services for the development will be placed into the underlying soils.

7.2.2 Potential Sources of On-site Contamination.

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

The sources are presented in Table 7.2.

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Table 7.2 On-site Potential Contamination Sources

Source	Likely	Reasoning
Demolition of buildings	✓	Demolition of various buildings was recorded during the review of the historic maps
Building materials and vehicle storage	✓	Site was informally used as an area to store building material and equipment during the construction of a neighbouring plot of land
Previous farming usage of the site	✓	Various changes of usage and building layout was recorded from the historic maps. Is it considered that the site was predominantly used for fruit production.

7.2.3 Potential Off-site Sources of Contamination

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

These sources have been presented in given in Table 7.3.

Table 7.3 Off-site Potential Contamination Sources

Source	Direction	Distance (m)	Likely	Reasoning
Gravel Pit	North	260		Due to the distance from site and the relatively small scale it is unlikely that any putrescible material used during backfilling would affect the site.
Nursery (inc glasshouses)	North	125		Potential for tanks associated with heating the glass houses to have been present onsite. Risk reduced to negligible due to the recent redevelopment of the areas for residential housing
	South	200		
	West	20		
	East	85		
Poultry farm	South	165		Source is located down hydraulic gradient, unlikely to produce soil gas that could affect the site.
Folly Fruit Farm	North	165		Source is located up topographical gradient from the site. Also is situated within the SPZ and groundwater movement would be expected to go to the north towards to the SPZ extraction borehole.
Vehicle breakers yard	West	185	✓	All sources considered to be the same. Vehicle breakers yard operational since 1979. Risk significantly reduced as it is assumed that it will be operating within registered guidelines. Soil gas risk only due to not being located up hydraulic gradient of the site.
Licensed Waste Management Facilities	Northwest	223	✓	
Registered Waste Treatment or Disposal Sites	West	220	✓	
S R C Recycling Ltd – Salvage dealers	Northwest	226	✓	
Sussex Recovery – salvage dealers	Northwest	228	✓	

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7.3 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 7.4 presents the range of possible contaminants associated with the onsite and off-site activities and sources identified following a review of historical maps and datasets.

Table 7.4 Potential Contaminants

Potential Contaminative Sources	Contaminants / Chemical Properties
Vehicle breakers yard/ waste management facility/ waste disposal centre	Metals, Semi-metals and non-metals, PAHs, TPHs, Asbestos, pH, Fuel oils, Soil gas
Demolition of buildings	Metals, Semi-metals and non-metals, PAHs, TPHs, Asbestos, pH
Building materials and vehicle storage	Metals, Semi-metals and non-metals, PAHs, TPHs, Asbestos, pH
Previous farming usage of the site	Metals, Semi-metals and non-metals, PAHs, TPHs, Asbestos, pH, herbicides and pesticides

7.4 Potential Exposure Receptors

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

The assessment for potential receptors is presented in Table 7.5.

Table 7.5 Potential Receptors

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

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7.5 Preliminary Conceptual Site Model and Risk Assessment

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

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

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Table 7.6 Preliminary Conceptual Site Model and Risk Assessment Methodology

Source (See Table 7.2. Table 7.2 and Table 7.3)	Potential Contaminant (See Table 7.4)	Exposure Pathway (See Table 7.1)	Receptor (See Table 7.5)	Initial Assessment from Preliminary Investigation Report Information			Comments	Proposed Investigation
				Severity	Probability	Risk		
Onsite demolition of buildings, construction materials and storage, previous farming usage.	Metals, Semi-metals and non-metals, PAHs, TPHs, pH, Asbestos	Inhalation of dust	Site Workers/Site Maintenance	Mild	Low	Low	River terrace Deposits is classified as a Secondary A Aquifer designation London Clay Formation would act as an aquiclude to underlying deep groundwater regimes.	Intrusive investigation to confirm the ground conditions present and chemical testing prior to undertaking a generic quantitative risk assessment as required.
			End Users	Mild	Low	Low		
			Off-site Users	Mild	Unlikely	Very Low		
	PAHs, TPHs	Inhalation of Vapour/gases (including Radon)	Site Workers/Site Maintenance	Mild	Low	Low		
			End Users	Mild	Low	Low		
			Off-site Users	Mild	Unlikely	Very Low		
	Metals, Semi-metals and non-metals, PAHs, TPHs, pH, , herbicides and pesticides	Ingestion and absorption via direct contact	Site Workers/Site Maintenance	Mild	Low	Low		
			End Users	Mild	Low	Low		
	Metals, Semi-metals and non-metals, PAHs, TPHs, pH,	Migration via surface runoff	Surface Water	-	-	-		
		Migration in solution via groundwater	Surface Water	-	-	-		
			Shallow Aquifer	Mild	Low	Low		
			Deep Aquifer	Mild	Unlikely	Very Low		
		Direct contact with construction material	Buried structures	Mild	Low	Low		
			Buried Services	Mild	Low	Low		
	PAHs, TPHs	Migration of gases via permeable soils	Site Workers/Site Maintenance	Mild	Unlikely	Very Low		
			End Users	Mild	Unlikely	Very Low		
			Off-site Users	Mild	Unlikely	Very Low		
			Building and confined spaces	Mild	Unlikely	Very Low		
Vehicle breakers yard/ waste management facility/ waste disposal centre		Inhalation of dust	Site Workers/Site Maintenance	-	-	-	Risk significantly reduced as It is assumed that it will be operating within registered guidelines. Soil gas risk only due to not being located up hydraulic gradient of the site.	Intrusive investigation to confirm the ground conditions present and chemical testing prior to undertaking a generic quantitative risk assessment as required.
			End Users	-	-	-		
			Off-site Users	-	-	-		
	Soil gas (PAH/TPH)	Inhalation of Vapour/gases (including Radon)	Site Workers/Site Maintenance	Mild	Unlikely	Very Low		
			End Users	Mild	Unlikely	Very Low		
			Off-site Users	Mild	Unlikely	Very Low		
		Ingestion and absorption via direct contact	Site Workers/Site Maintenance	-	-	-		
			End Users	-	-	-		
		Migration via surface runoff	Surface Water	-	-	-		
		Migration in solution via groundwater	Surface Water	-	-	-		
			Shallow Aquifer	-	-	-		
			Deep Aquifer	-	-	-		
		Direct contact with construction material	Buried structures	-	-	-		
			Buried Services	-	-	-		
	Soil gas (PAH/TPH)	Migration of gases via permeable soils	Site Workers/Site Maintenance	Mild	Unlikely	Very Low		
			End Users	Mild	Unlikely	Very Low		
			Off-site Users	Mild	Unlikely	Very Low		
			Building and confined spaces	Mild	Unlikely	Very Low		

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Section 8 Recommendations

8.1 General

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

8.2 UXO

Based on the assessment of the historical maps, a specialist UXO Risk assessment is not considered necessary to determine the risk to the proposed development.

8.3 Proposed Further Site Works

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

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

Table 8.1 Proposed Further Environmental Investigation

Proposed Works	General Purpose	Required
Investigatory Holes	To collect sufficient samples for a robust assessment	✓
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 continued groundwater and/or gas monitoring	✓
Remediation	If the site-specific risk assessment reveals that the site was contaminated	If required
Validation & Verification	To validate and verify the remedial objectives based on the site-specific risk assessment	If required

8.4 Discovery Strategy

There may be areas of contamination not identified during the course of the investigation. Such occurrences may also be discovered during the demolition and

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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.

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Section 9 Preliminary Minerals Resource Assessment

9.1 General

In addition to the Preliminary Investigation Report, Soils Limited have been commissioned by PHP Primary Care Developments carry out a Preliminary minerals assessment of the site.

The site was located within the West Sussex Sharp Sand and Gravel Mineral Safeguarding Area.

The comments given in this report and the opinions expressed are based on the information obtained thus far, within the scope identified above. However, there may be. conditions pertaining to the site that have not been disclosed from the desk based. sources of information reviewed and therefore could not have been taken into account.

9.2 Geological Context

In addition to the information provided within Section 3.1, a review of the BGS boreholes records has been identified one borehole in close proximity to the site, located 170m east The borehole reference SU90NW76 was undertaken September 1981 and identified the geological succession presented in Table 9.1 and is included within appendix H.

Table 9.1 Ground Conditions from SU90NW76

Strata	Depth Encountered (m bgl)		Typical Thickness (m)	Typical Description
	Top	Bottom		
Topsoil	0.00	0.300	0.30	Soil
Brickearth	0.30	1.20	0.90	Clay, silty brown with flint pebbles near base
	1.20	3.20	2.00	Silt, chalky, with flint pebbles; abundant chalk pellets near base
Head Gravel	3.20	4.80	1.60	Clayey Gravel
Raised Beach Deposits	4.80	7.80	3.00	Clayey Sand
London Clay	7.80	10.00[1]	Not proven	Clay brown to dark olive grey

Note: [1] = Base of investigation

Table 9.1indicates the Head Gravel was present with a typical thickness of 1.60m, whilst the River Terrace Deposits (formerly recorded as Raised Beach Deposits) were present with a typical thickness of approximately 3.0m. It is considered reasonable to assume a similar thickness for the mineral reserves underlying the site.

Bulk samples of the Head Gravel along with the River Terrace Deposits are indicated in the BGS borehole records presented within Appendix H. Samples and subsequent testing has been taken from each strata for particle size distribution (PSD) testing, the salient information of which is discussed in Table 6.2 below:

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Table 9.2 PSD Data from BGS Borehole SU90NW76

Strata	Mean (%(Particle Size Gradings[1]		
	Fines	Sand	Gravel
Head Gravel	19	27	54
Raised Beach Deposits	12	85	3

Note: [1]As per BS5930 (2015) using a gravel range of 2 mm to 63 mm and a 'sands range of between 2mm and 0.063 mm. Previous PSD data interprets Sand up to 4.0 mm in particle size grading; as such, some of the sand would currently be interpreted asGravel in current guidance.

9.3 Mineral Safeguarding

The criteria presented below is adopted from the Institute of Geological Sciences Mineral Assessment Reports, it is to be used in defining if a resource can be reasonably exploited:

- *The deposit should average at least 1m in thickness,*
- *The ratio of overburden to sand and gravel should be no more than 3:1,*
- *The proportion of fines should ideally be below 25% and should not exceed 40%,*
- *The deposit should lie within 25m of the surface.*

Based on the presented BGS borehole information (ref SU90NW76) and on the assumption that the thickness and deposition of material continues on to the site then the below statements are correct.

- The deposits of the Head Gravel and the Raised Beach Deposits (River Terrace Deposits) were both in excess of 1.0m in thickness.
- Soils of mineral interest were encountered at 3.20m bgl and persist to 7.80m bgl, as such the overburden ration is far less that 3:1.
- The proportion of fines was recorded as being between 12% and 19%, below the designated value of 25%.
- Soils of mineral interest were encountered at 3.20m bgl.

Based on the information presented above, there are viable mineral assets underlying the site.

9.4 Groundwater

Groundwater was recorded at 4.0m bgl within BGS borehole (SU90NW76). Based on this information and variations between the elevation of the borehole and the site, groundwater was anticipated to be resting beneath the site between approximately 3.0m to 4.0m bgl.

Based on the topography onsite, shallow groundwater flow was anticipated to flow down to the south. The River Terrace Deposits are classified as being under Secondary A

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Aquifer designation. Extraction of the sands and gravels across the site therefore, would be likely to have a significant effect on the groundwater regime and hence potentially significant detrimental effects on base flow rates in the off-site surface water features.

The absence of sand and gravel (or similar material) would reduce the holding capacity. of groundwater in the soils. During periods of heavy rainfall an increased risk of surface water flooding on site and in the surrounding area and may result. These effects may result in deterioration in water quality within the on-site and nearby surface waters and potentially affect the biological diversity within these areas as a result.

9.5 Opportunities and Constraints

The proposal comprised the construction of a two storey medical centre consisting consultation and treatment rooms, waiting areas, office space and a pharmacy located on the ground floor. Obtaining permission for minerals extraction and landscaping is likely to highly complicate the planning process should the land owner wish to exploit the assets.

Existing residential developments to the west and south could be detrimentally affected by extraction, filling and landscaping processes in relation to noise nuisance, dust emissions and nuisance associated with increased pressure on the surrounding transport routes.

During development the site could offer the opportunity for incidental extraction to be undertaken. It would be recommended that during excavation of foundations, footings or landscaping, any natural sand and gravel deposits encountered are segregated and re-used onsite to increase the sustainability of the development. This will also leave the material on site.

9.6 Conclusion of Preliminary Minerals Assessment

Following review of all the desktop data available for the site, it is considered. that there are potentially economically viable mineral resources on site. However, considering the urban setting of the site, the Secondary A Aquifer designation of the River Terrace Deposits and the proximity of the Source Protection Zone, exploiting the mineral assess may not be beneficial due to the detrimental affect imposed on the hydrology, hydrogeology, flood risk, and the neighbouring residents.

Localised extraction during development for footings etc. is unlikely to significantly affect the local environment, and efforts should be made to retain and reuse such materials on site where possible. A strategy of design and development that leaves the majority of material in-situ and re-uses any such materials produced on site is liable to be more acceptable to the regulator and more sustainable, possibly leading to cost savings during the development.

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These findings should be confirmed by the acquisition of more relevant site-specific data, and such could be obtained through site investigation.

9.7 Recommendations

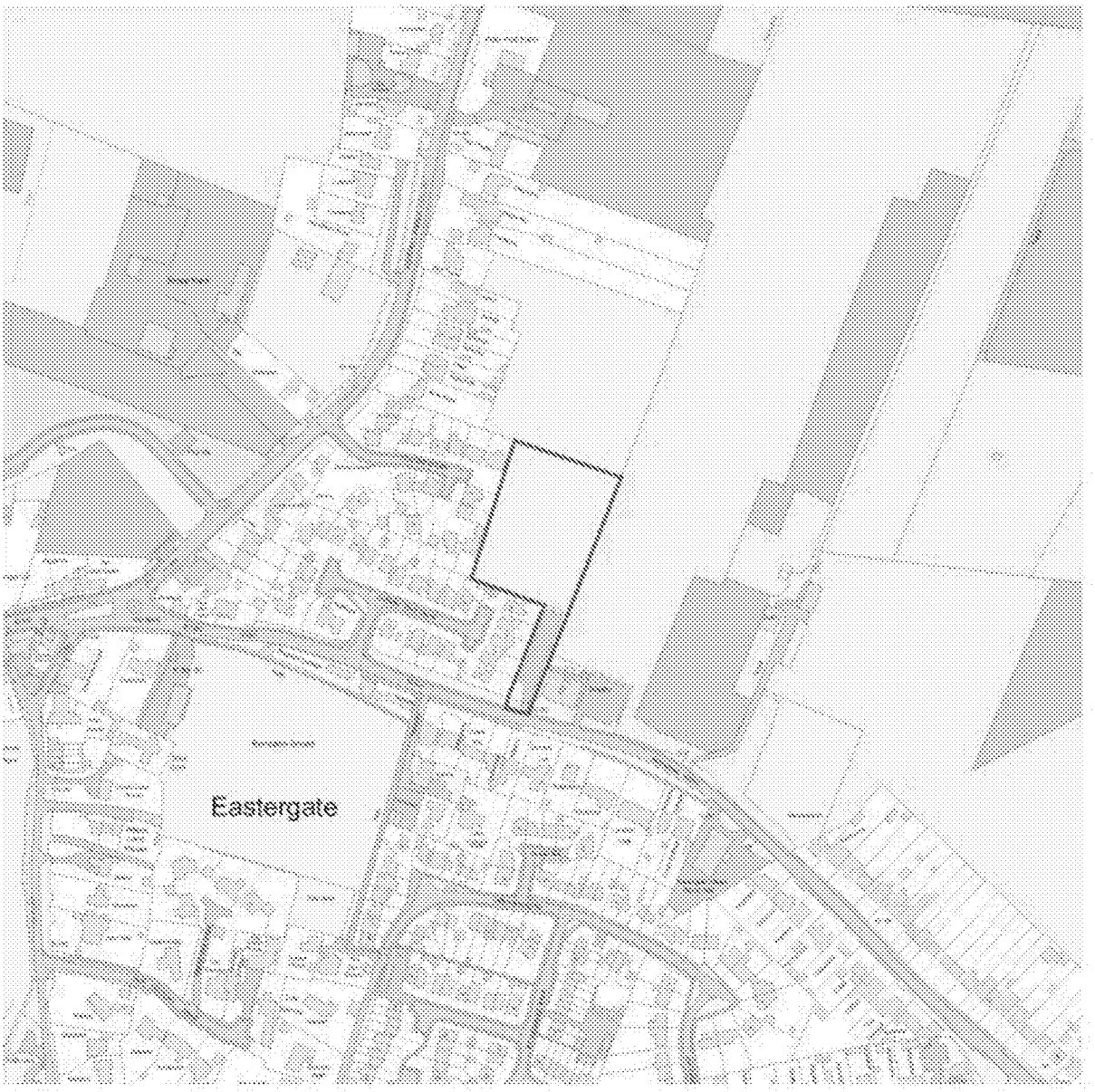
In light of the above Soils Limited concludes that there is a potential for extraction and risk from such activity, but to further define and determine this risk more specifically the following action or actions are recommended:

- The regulator should be consulted in regard to the site in relation to its priority and policy in this area and to determine if additional investigation is warranted.
- The size, scope and nature of the potential deposits identified should be further investigated and delimited as part of the site investigation phase.

Cost savings during development by retention of materials on site would also improve sustainability of the project as a whole and mitigate potential detrimental effects if undertaken appropriately, so should be considered.

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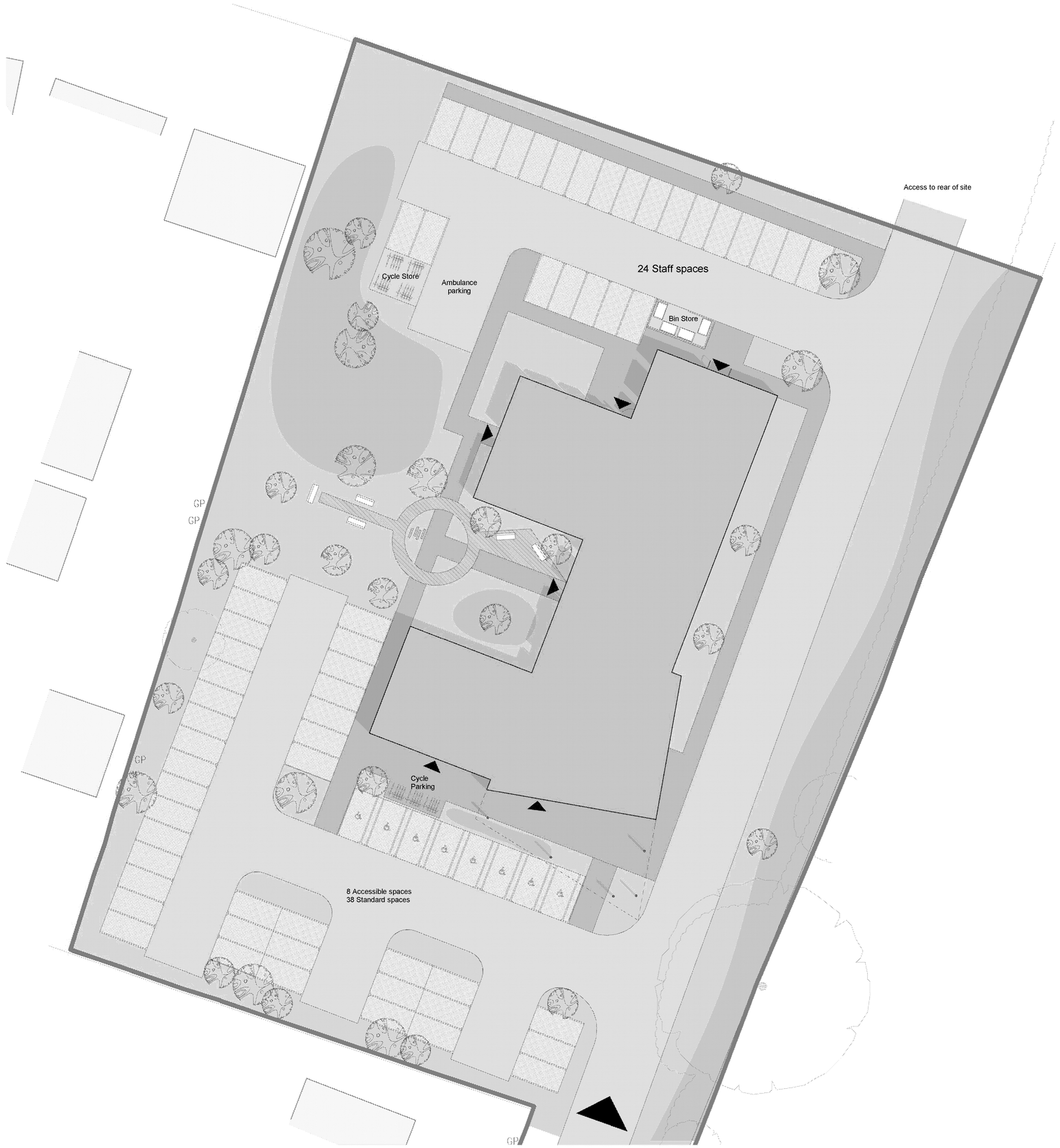
Figure 1 – Site Location Map



Job Number	Project
19023	The Croft Medical Centre, Barnham Road, Eastergate, West Sussex PO20 3RP
Client	Date
PHP Primary Care Developments	March 2021

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Appendix A Proposed Development Plans



Proposed Site Plan
1 : 200

SCALE 1:5 mm
SCALE 1:10 mm
SCALE 1:20 mm
SCALE 1:50 m
SCALE 1:100 m
SCALE 1:200 m
SCALE 1:500 m
SCALE 1:1250 m

NOTES:

OTHER THAN FOR THE PURPOSES OF PLANNING, DO NOT SCALE THESE DRAWINGS. USE WRITTEN DIMENSIONS ONLY. ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK.

THIS DRAWING IS THE COPYRIGHT OF SIMPSON HILDER ASSOCIATES LIMITED AND MAY NOT BE REPRODUCED, COPIED OR ALTERED IN ANY WAY WITHOUT WRITTEN AUTHORITY

ITEMS CLOUDED WITH A DASHED LINE ARE TO BE CONFIRMED, SUBJECT TO DETAIL DESIGN AND CAN BE EXPECTED TO CHANGE.

REVISION CLOUD

Parking:

08 Accessible spaces
38 Public spaces
24 Staff space
70 Total Parking Spaces

*Allowance for ambulance space

Notes:

Drawing is based on information on information by others provided by Hampshire Land Survey Ltd Ref. HLS 1142_08_04_01.

Boundary line is indicative and subject to confirmation.

This drawing is indicative with regards to site landscaping and is subject to design development. The proposals indicated are for planning purposes only & are subject to all relevant statutory approvals, including building regulations.

Rev	Date	Description	By	Chkd

Drawing Status
PRELIMINARY

Client

Principal contractor

Design Consultant

SIMPSON HILDER ASSOCIATES LIMITED
67A HIGH STREET
LYNDHURST
HAMPSHIRE
SO43 7BE
T: 023 80 283798
F: 023 80 283688
E: sha@simpsonhilder.co.uk

Project Title
THE CROFT MEDICAL CENTRE
BARNHAM ROAD
EASTERGATE
WEST SUSSEX PO20 3RP

Drawing Title
PROPOSED SITE PLAN

Scale (@ A1 SIZE)			Size:
1 : 200			A1
Drawn: TW	Date: JUNE 2020	Checked: MR	Date: JUNE 2020
Drawing No.: 9226-P004			Revision.



Ground Floor Plan

1 : 100



First Floor Plan

1 : 100

SCALE 1:5 mm | SCALE 1:10 mm | SCALE 1:20 mm | SCALE 1:50 m | SCALE 1:100 m | SCALE 1:200 m | SCALE 1:500 m | SCALE 1:1250 m

NOTES:

OTHER THAN FOR THE PURPOSES OF PLANNING, DO NOT SCALE THESE DRAWINGS. USE WRITTEN DIMENSIONS ONLY. ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK.

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ITEMS CLOUDED WITH A DASHED LINE ARE TO BE CONFIRMED, SUBJECT TO DETAIL DESIGN AND CAN BE EXPECTED TO CHANGE.

REVISION CLOUD

Notes:

The proposals indicated are for planning purposes only & are subject to all relevant statutory approvals, including building regulations.

Total Gross Internal Area = 1479.8SQM

Rev	Date	Description	By	Chkd

Drawing Status: PRELIMINARY

Client:

Principal contractor:

Design Consultant
SIMPSON HILDER ASSOCIATES LIMITED
67A HIGH STREET
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E: sha@simpsonhilder.co.uk

Project Title:
THE CROFT MEDICAL CENTRE
BARNHAM ROAD
EASTERGATE
WEST SUSSEX PO20 3RP

Drawing Title:
PROPOSED FLOOR PLANS

Scale (@ A1 SIZE)			Size:
1 : 100			A1
Drawn: TW	Date: JUNE 2020	Checked: MR	Date: JUNE 2020

Drawing No.: 9226-P005

Revision:

Appendix B Country Series and Ordnance Survey Maps

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
·285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads (Fenced / Un-Fenced)
Minor Roads (Fenced / Un-Fenced)
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. — County Borough Boundary (England)
Co. Burgh Bdy. — County Burgh Boundary (Scotland)
R.D. Bdy. — Rural District Boundary
Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water (Shingle, Sand)
Glasshouse
Sloping Masonry
Electricity Transmission Line (Pylon, Pole)
Standard Gauge Multiple Track (Cutting, Embankment)
Standard Gauge Single Track (Road Under, Road Over, Level Crossing, Foot Bridge)
Siding, Tramway or Mineral Line
Narrow Gauge

Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

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

1:10,000 Raster Mapping

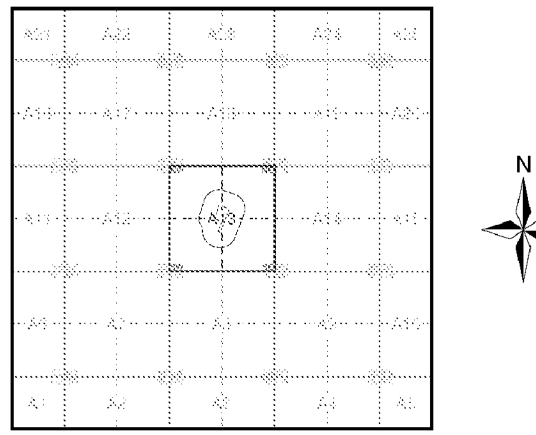
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community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

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:10,560	1880	2
Sussex	1:10,560	1899	3
Sussex	1:10,560	1913 - 1914	4
Sussex	1:10,560	1913 - 1914	5
Sussex	1:10,560	1913 - 1914	6
Sussex	1:10,560	1914	7
Sussex	1:10,560	1938 - 1951	8
Historical Aerial Photography	1:10,560	1947 - 1949	9
Sussex	1:10,560	1951	10
Ordnance Survey Plan	1:10,000	1961 - 1962	11
Ordnance Survey Plan	1:10,000	1967	12
Ordnance Survey Plan	1:10,000	1970 - 1979	13
Ordnance Survey Plan	1:10,000	1979	14
Ordnance Survey Plan	1:10,000	1980	15
Ordnance Survey Plan	1:10,000	1992 - 1993	16
10K Raster Mapping	1:10,000	2000	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2020	19

Historical Map - Slice A



Order Details

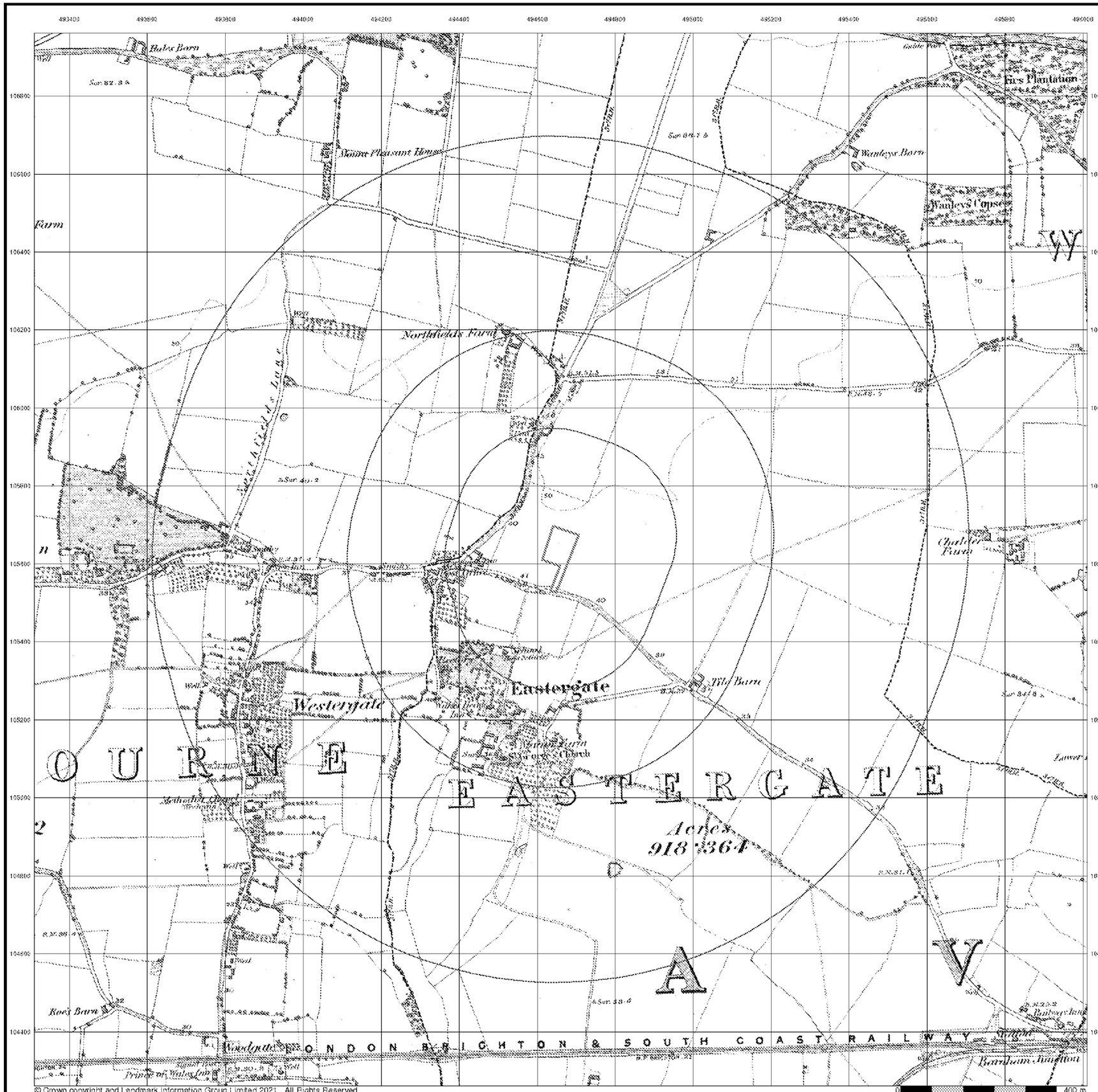
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Customer Ref: 19023
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Slice: A
Site Area (Ha): 0.73
Search Buffer (m): 1000

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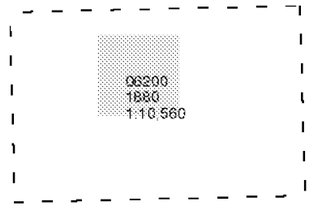
Sussex

Published 1880

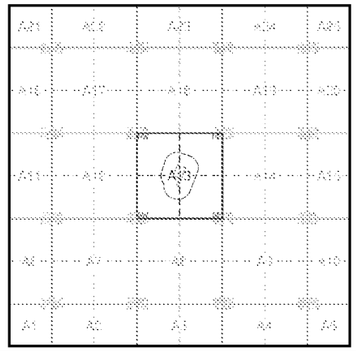
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



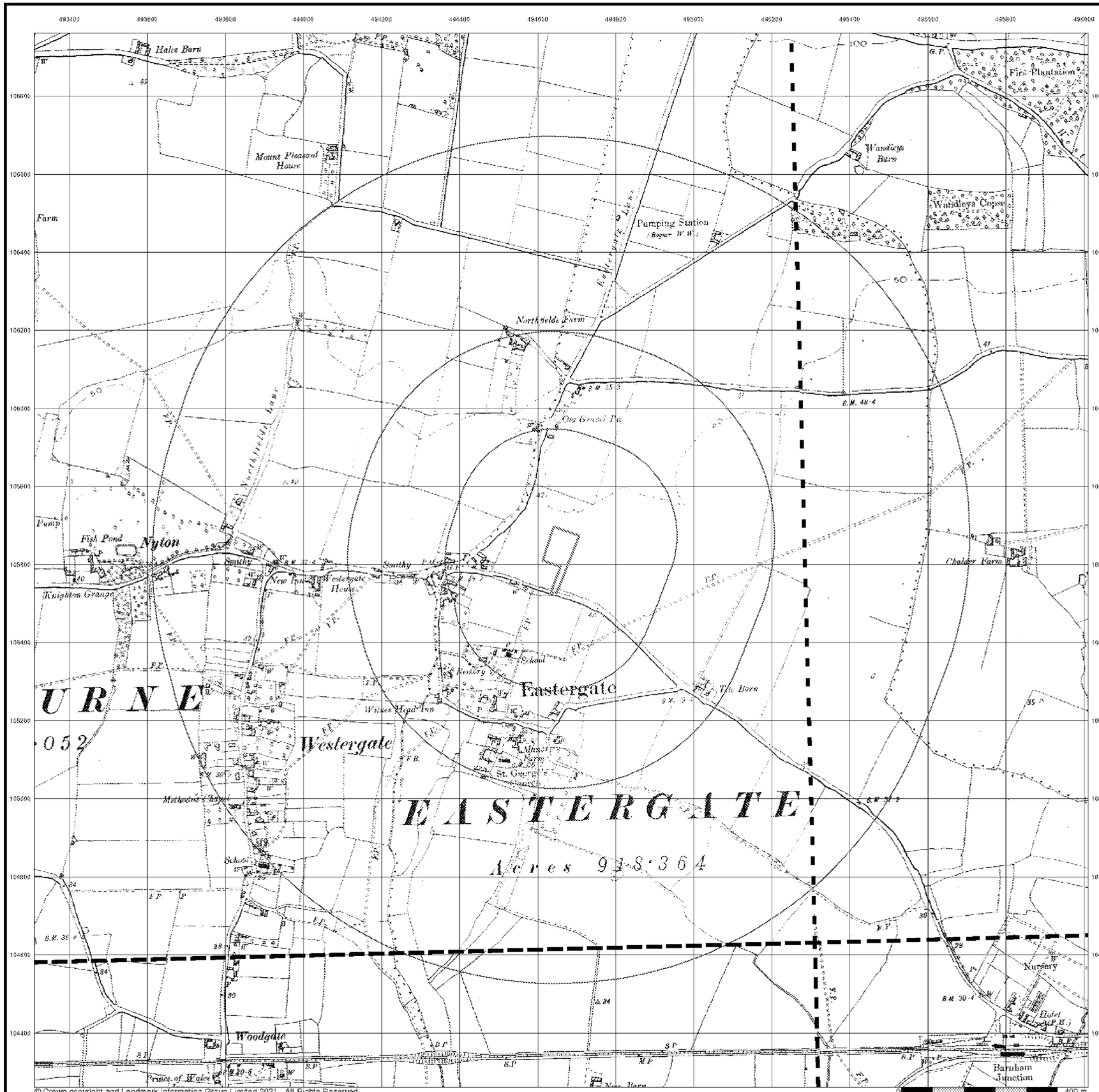
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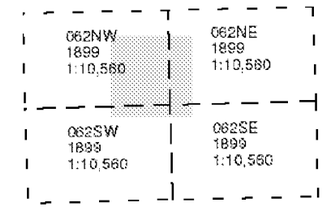
Sussex

Published 1899

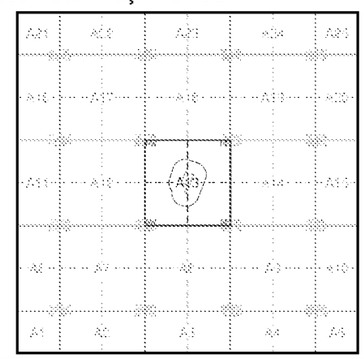
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	274407724_1_1
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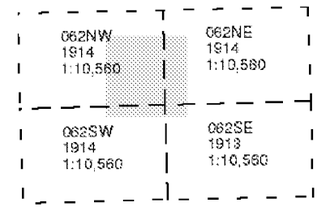
Sussex

Published 1913 - 1914

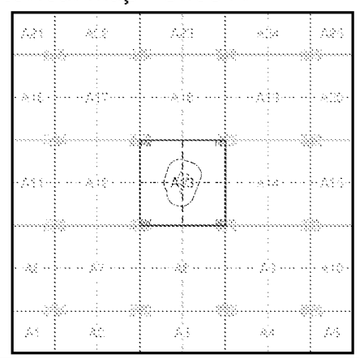
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Map Name(s) and Date(s)



Historical Map - Slice A



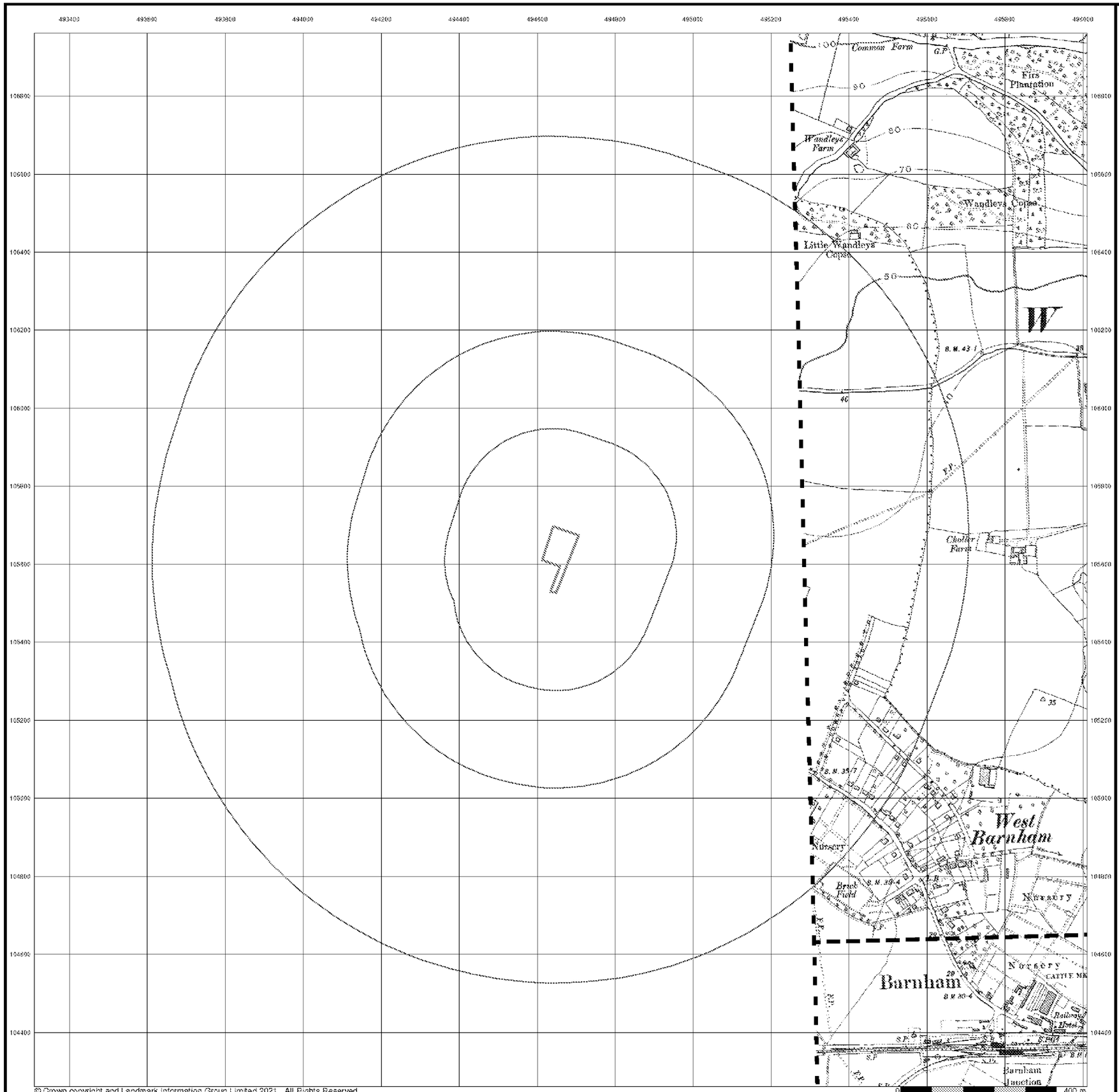
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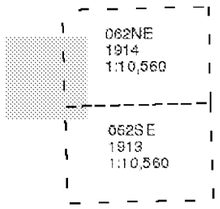
Sussex

Published 1913 - 1914

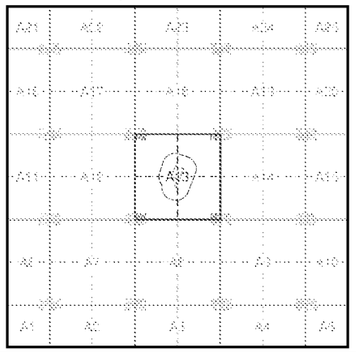
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Map Name(s) and Date(s)



Historical Map - Slice A



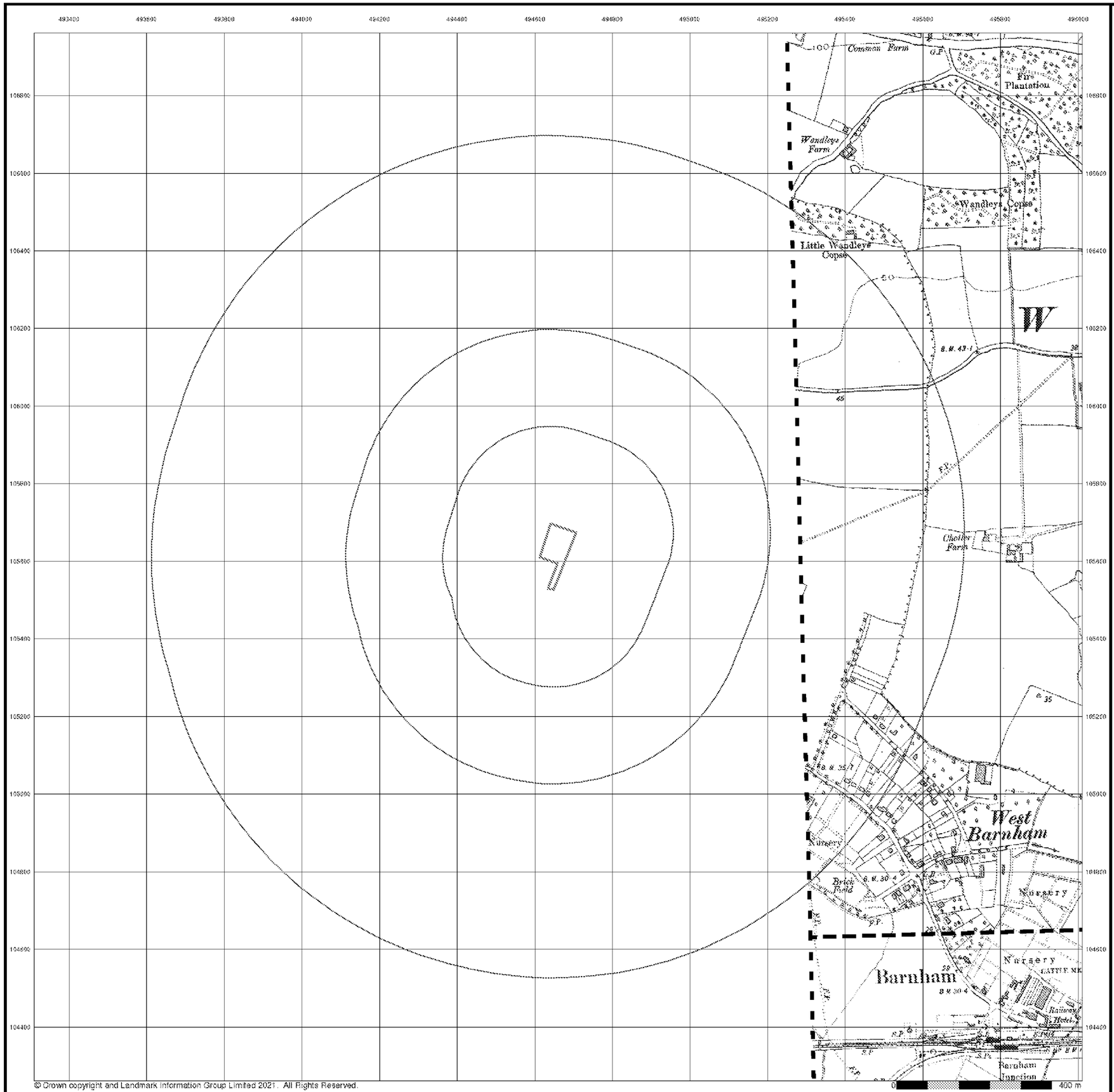
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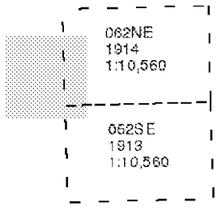
Sussex

Published 1913 - 1914

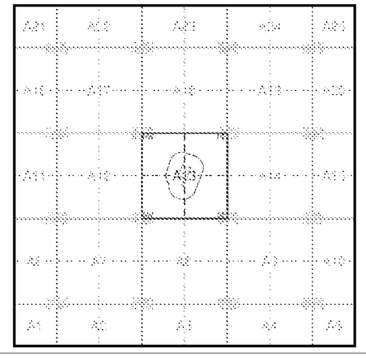
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Historical Map - Slice A



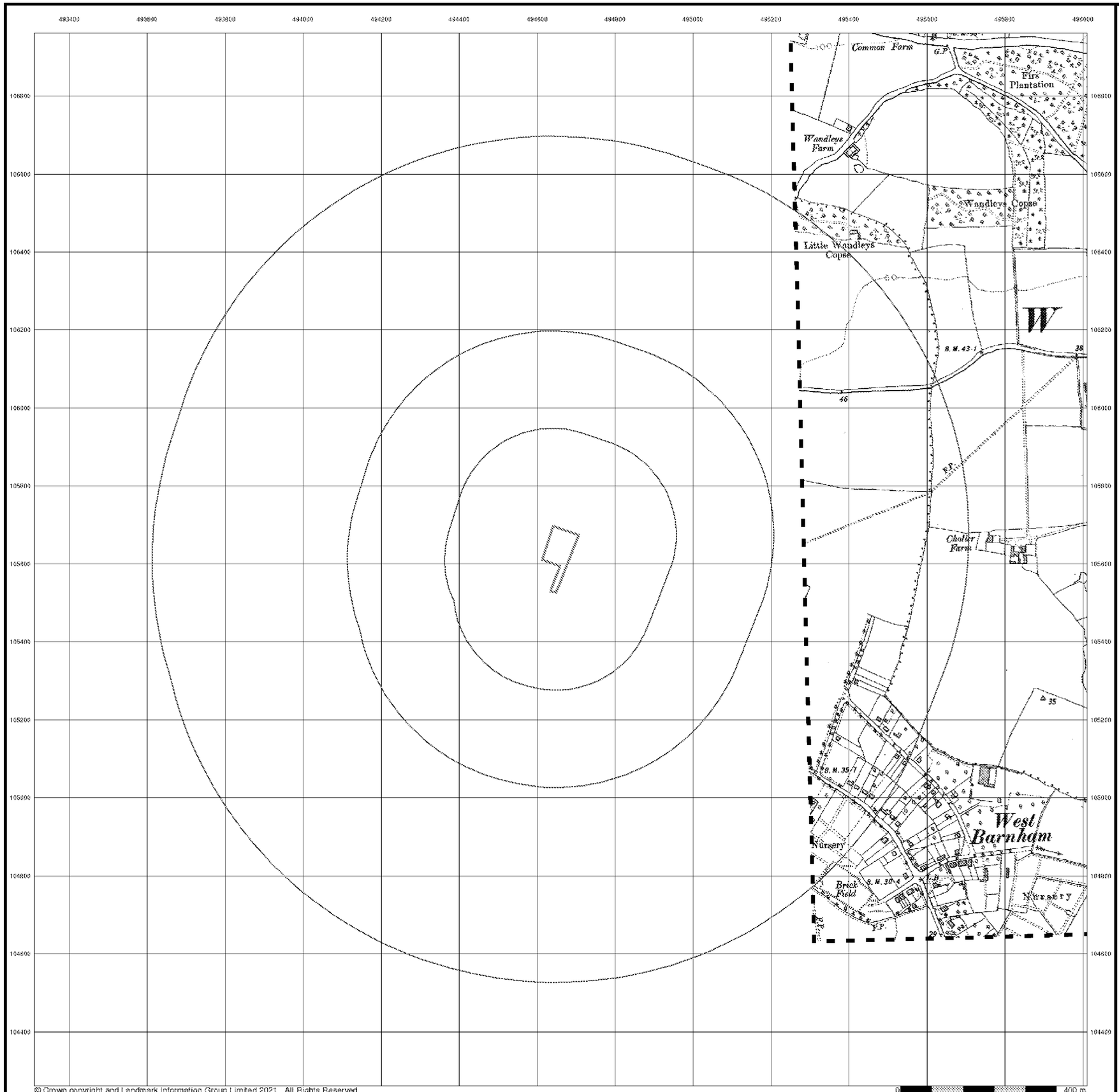
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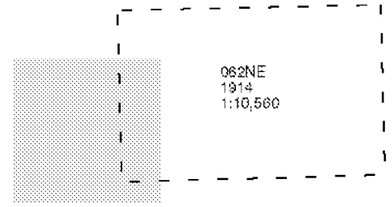
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Published 1914

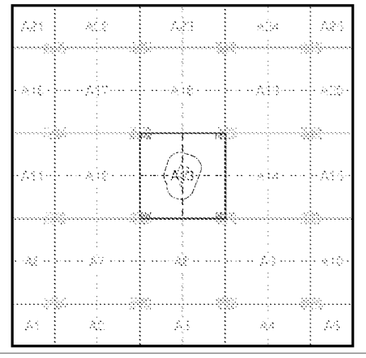
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	274407724_1_1
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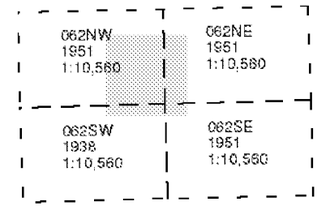
Sussex

Published 1938 - 1951

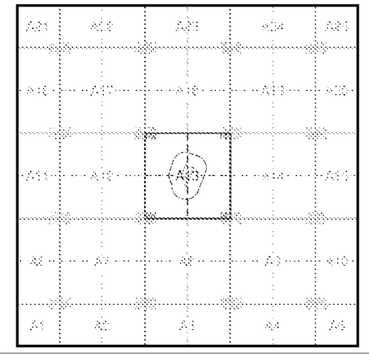
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Map Name(s) and Date(s)



Historical Map - Slice A





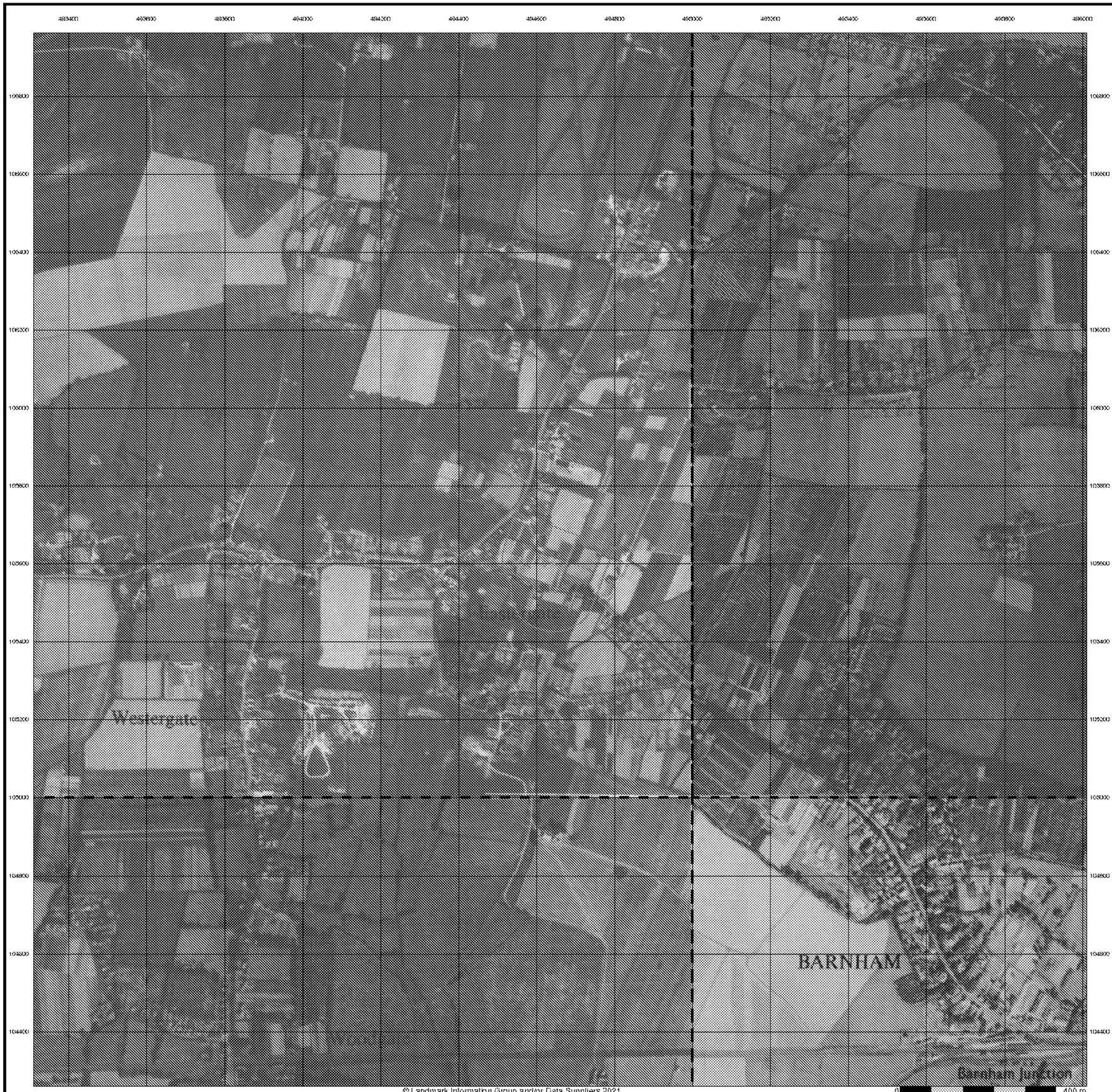
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0 400 m

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Historical Aerial Photography

Published 1947 - 1949

Source map scale - 1:10,560

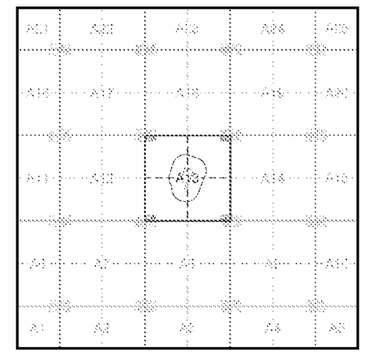
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)

SU90NW 1949 1:10,560	SU90NE 1947 1:10,560
SU90SW 1947 1:10,560	SU90SE 1947 1:10,560

Historical Aerial Photography - Slice A



Order Details

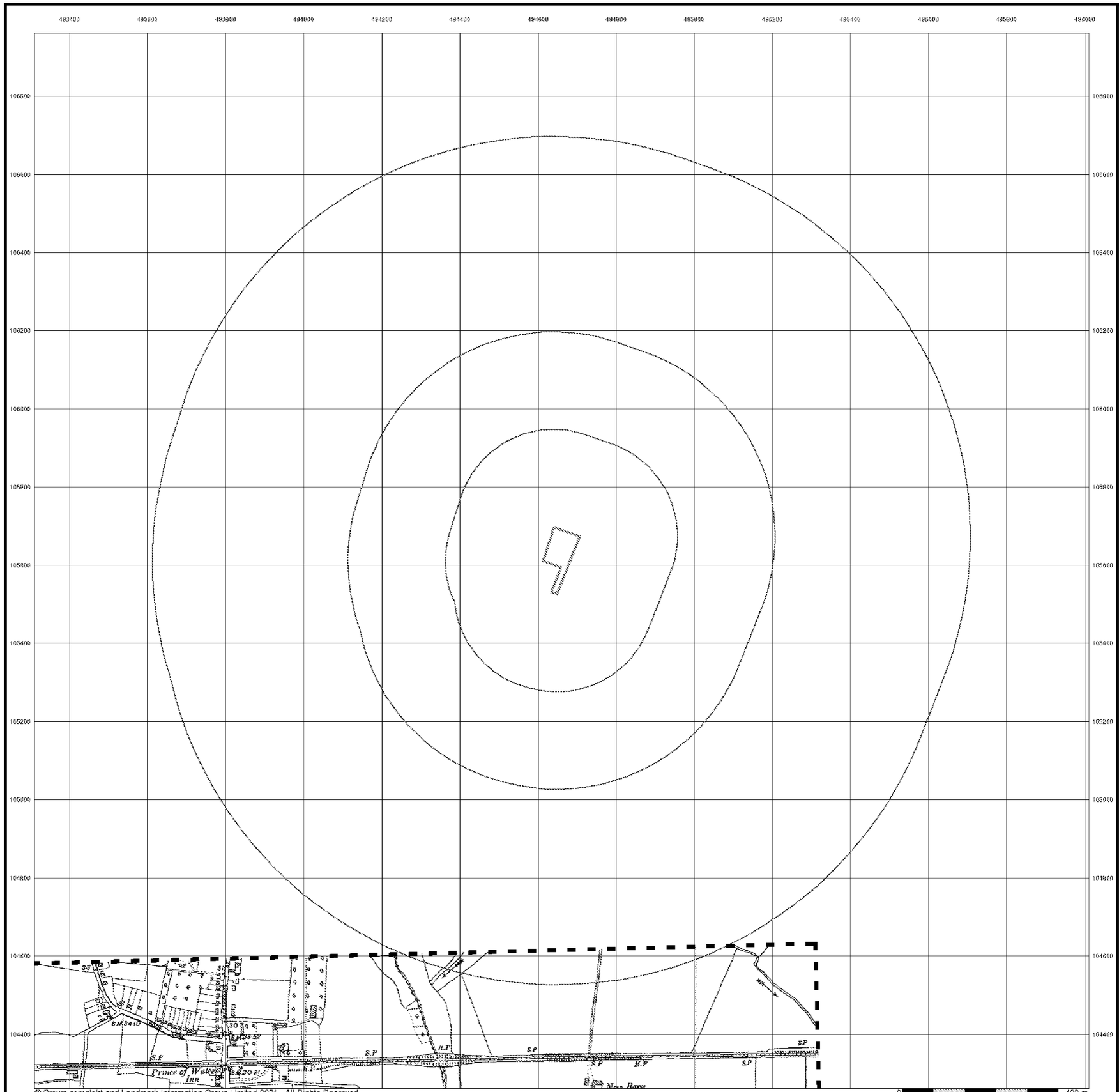
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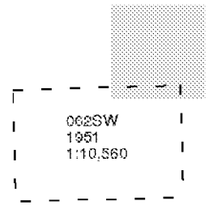
Sussex

Published 1951

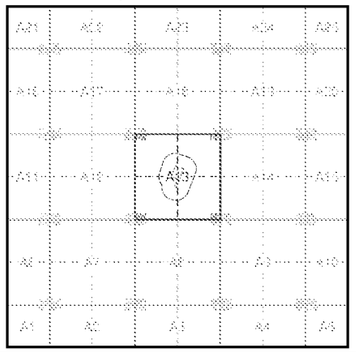
Source map scale - 1:10,560

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Historical Map - Slice A



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Ordnance Survey Plan

Published 1961 - 1962

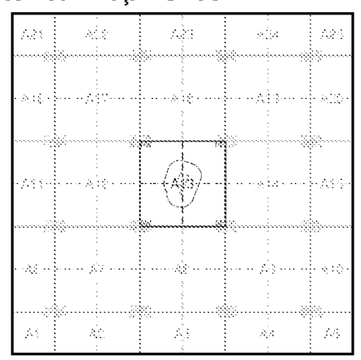
Source map scale - 1:10,000

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)

SU90NW 1961 1:10,560	SU90NE 1961 1:10,560
SU90SW 1961 1:10,560	SU90SE 1962 1:10,560

Historical Map - Slice A



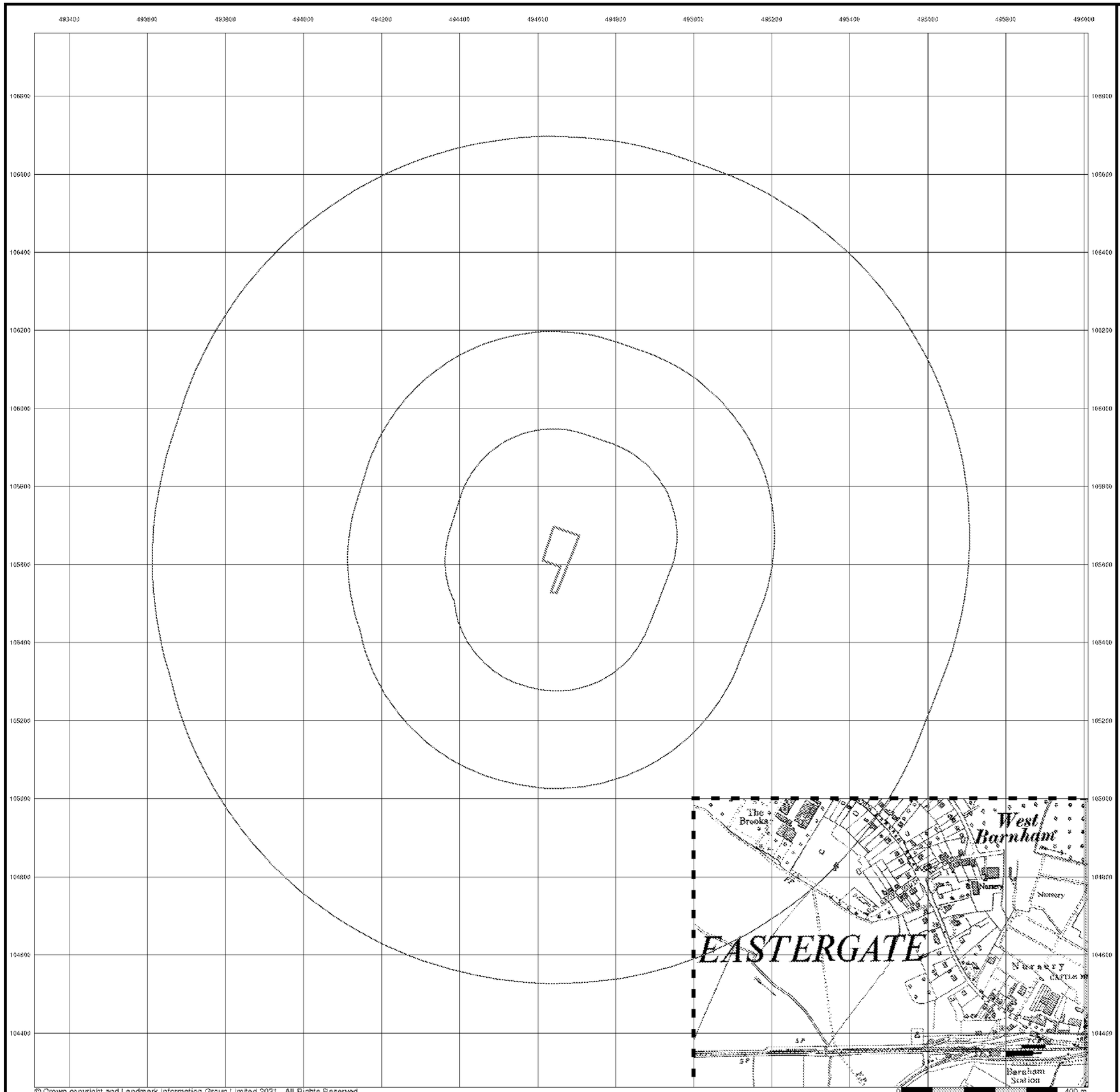
Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

The Croft, Barnham Road, Eastergate, CHICHESTER, PO20 3RP

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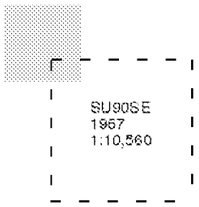
Ordnance Survey Plan

Published 1967

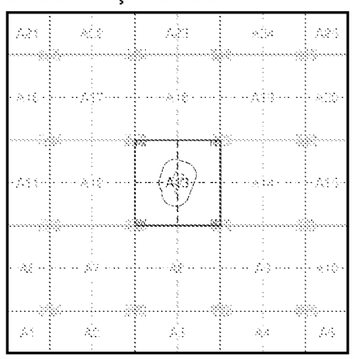
Source map scale - 1:10,000

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:	274407724_1_1
Customer Ref:	19023
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Slice:	A
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Search Buffer (m):	1000

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Ordnance Survey Plan

Published 1970 - 1979

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.

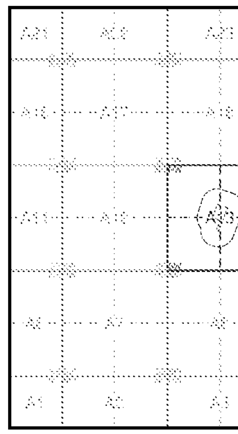
Map Name(s) and Date(s)

SU90NW 1970 1:10,560

SU90NE 1979 1:10,000

SU90SW 1979 1:10,000

Historical Map - Slice A



N

Order Details

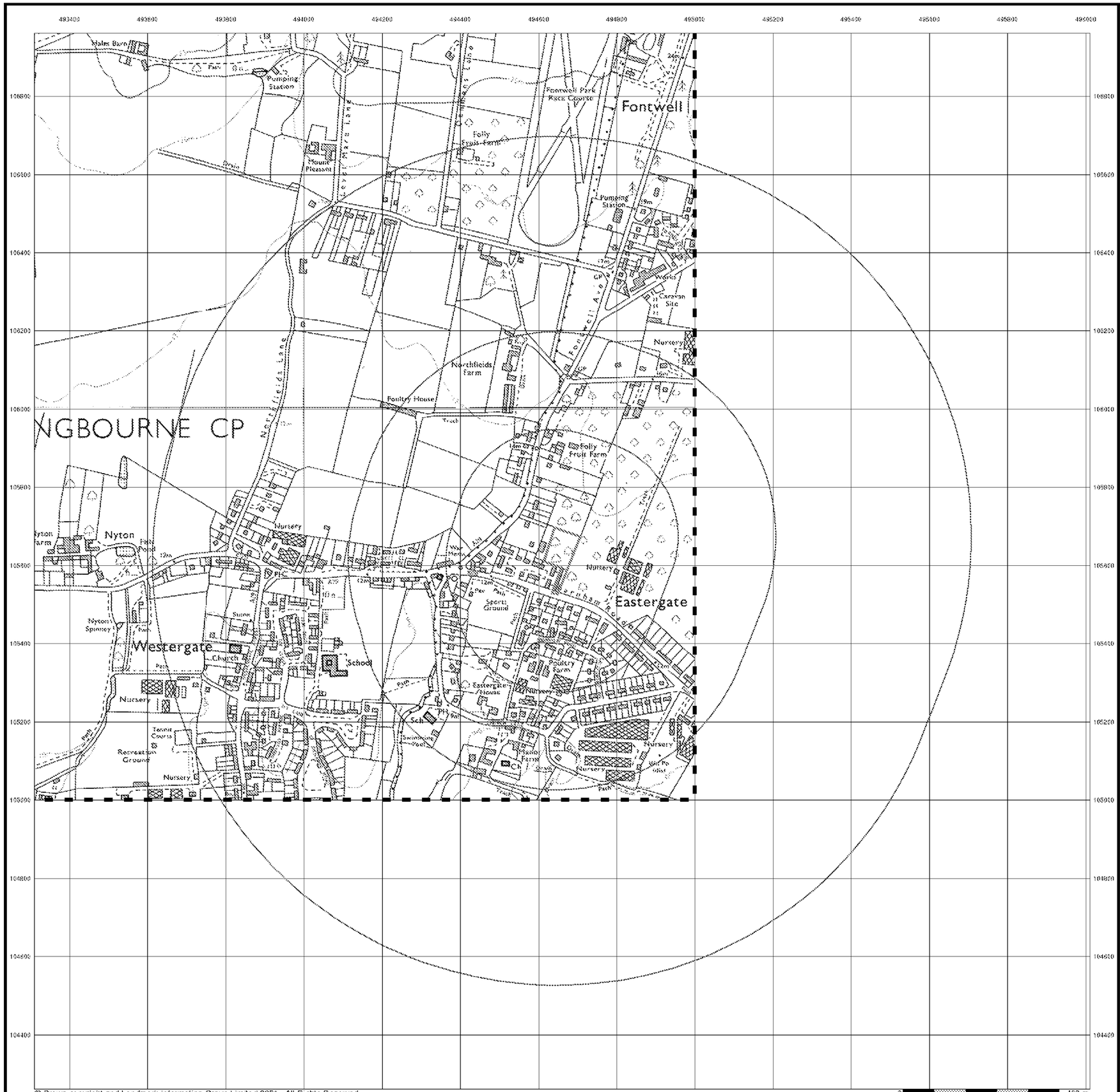
Order Number: 274407724_1_1
Customer Ref: 19023
National Grid Reference: 494660, 105620
Slice: A
Site Area (Ha): 0.73
Search Buffer (m): 1000

Site Details

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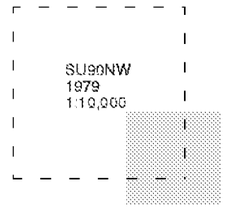
Ordnance Survey Plan

Published 1979

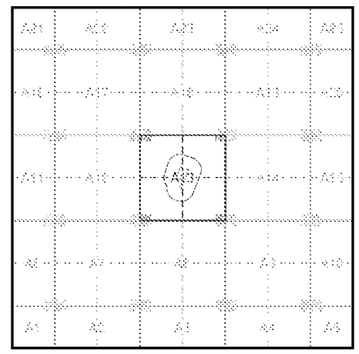
Source map scale - 1:10,000

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



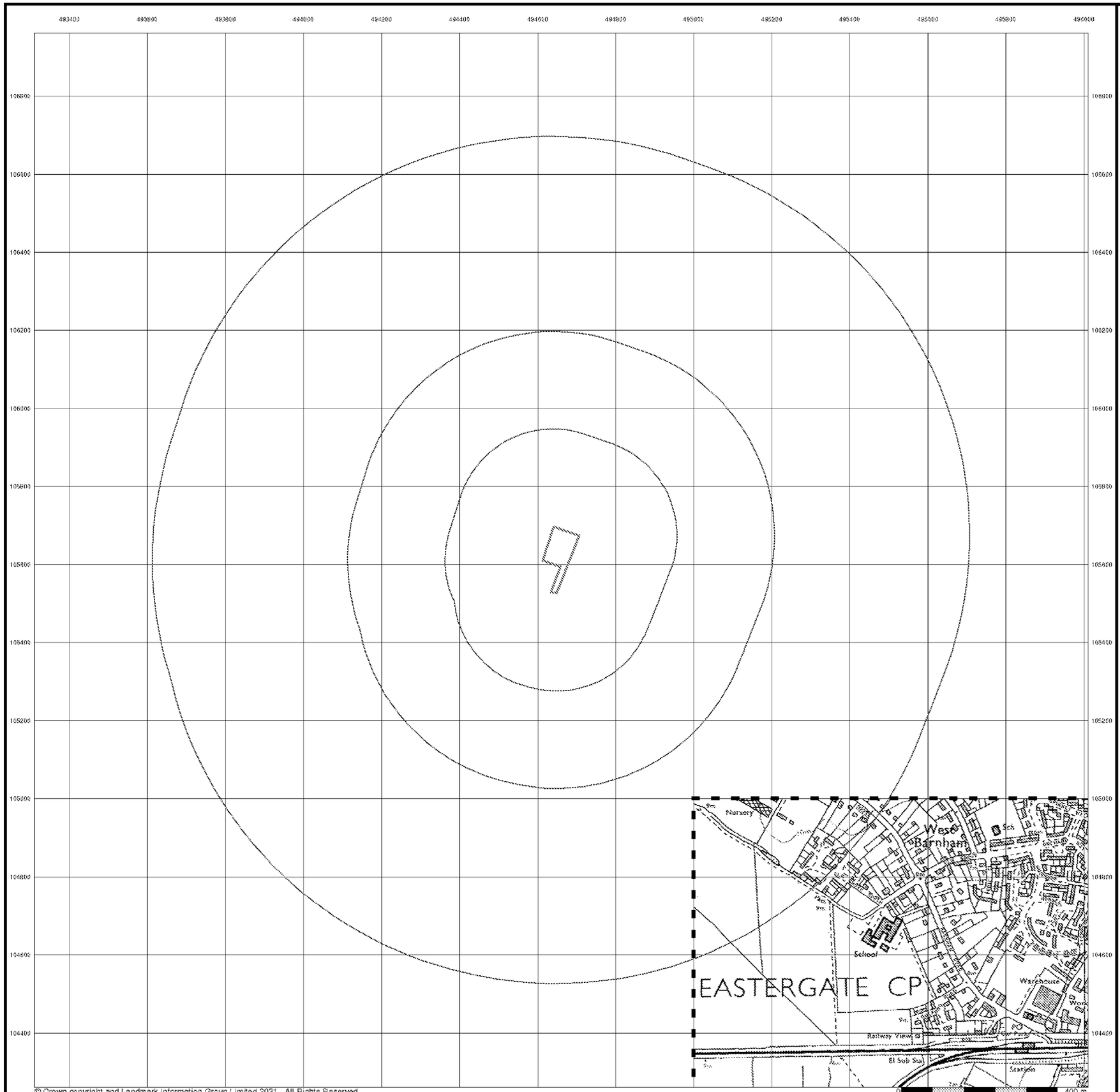
Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
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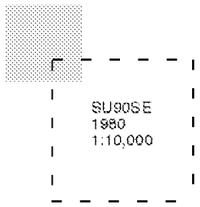
Ordnance Survey Plan

Published 1980

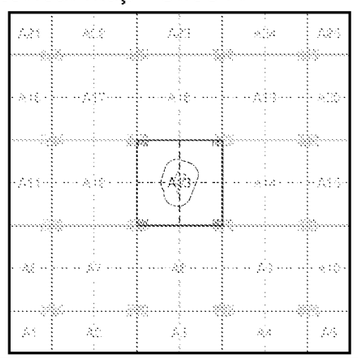
Source map scale - 1:10,000

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:	274407724_1_1
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Slice:	A
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Search Buffer (m):	1000

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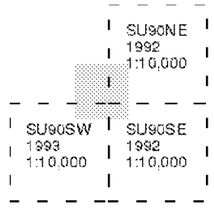
Ordnance Survey Plan

Published 1992 - 1993

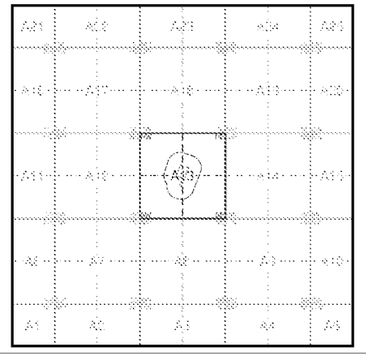
Source map scale - 1:10,000

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:	274407724_1_1
Customer Ref:	19023
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Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

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10k Raster Mapping

Published 2000

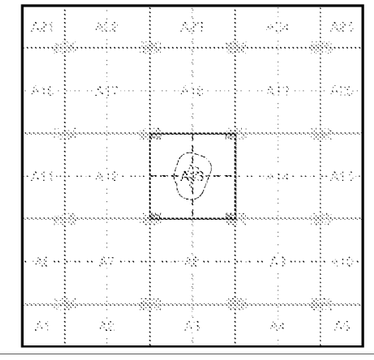
Source map scale - 1:10,000

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)

SU90NW 2000 1:10,000	SU90NE 2000 1:10,000
SU90SW 2000 1:10,000	SU90SE 2000 1:10,000

Historical Map - Slice A



Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

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10k Raster Mapping

Published 2006

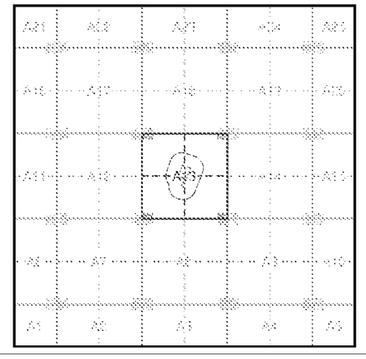
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SU90NW 2006 1:10,000	SU90NE 2006 1:10,000
SU90SW 2006 1:10,000	SU90SE 2006 1:10,000

Historical Map - Slice A



N

Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

The Croft, Barnham Road, Eastergate, CHICHESTER, PO20 3RP

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VectorMap Local

Published 2020

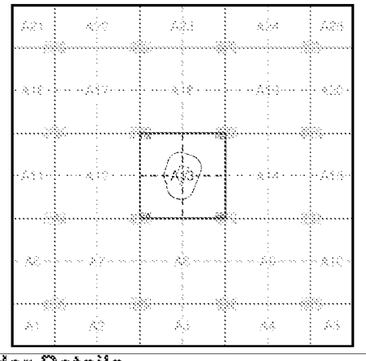
Source map scale - 1:10,000

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)

SU90NW 2020 Variable	SU90NE 2020 Variable
SU90SW 2020 Variable	SU90SE 2020 Variable

Historical Map - Slice A



Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
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Slice:	A
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Search Buffer (m):	1000

Site Details

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Historical Mapping Legends

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

Quarry
Gravel Pit
Sand Pit
Clay Pit
Shingle
Refuse Heap
Sloping Masonry
Flat Rock
Marsh
Reeds
Osiers
Rough Pasture
Furze
Wood
Mixed Wood
Brushwood
Orchard
Fir
Ford
Stepping Stones
Ferry
Waterfall
Lock
Trig. Station
507 Altitude at Trig. Station
B.M.325·9 Bench Mark
342 Surface Level
Arrow denotes flow of water
Antiquities (site of)
Cutting
Embankment
Railway crossing Road
Level Crossing
Road crossing Railway
Railway crossing River or Canal
Road over single stream
Road over River or Canal
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

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

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

Inactive Quarry, Chalk Pit or Clay Pit
Active Quarry, Chalk Pit or Clay Pit
Rock
Boulders
Cliff
Slopes
Top
Roofed Building
Glazed Roof Building
Sloping Masonry
Archway
Non-Coniferous Tree (surveyed)
Coniferous Tree (surveyed)
Non-Coniferous Trees (not surveyed)
Coniferous Trees (not surveyed)
Orchard Tree
Scrub
Bracken
Coppice, Osier
Reeds
Marsh, Saltings
Rough Grassland
Heath
Culvert
Direction of water flow
Bench Mark
Antiquity (site of)
Cave Entrance
Triangulation Station
Electricity Pylon
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy London Borough Boundary
Symbol marking point where boundary mereing changes

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

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

Cliff
Slopes
Top
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Positioned Boulder
Scree
Non-Coniferous Tree (surveyed)
Coniferous Tree (surveyed)
Non-Coniferous Trees (not surveyed)
Coniferous Trees (not surveyed)
Orchard Tree
Scrub
Bracken
Coppice, Osier
Reeds
Marsh, Saltings
Rough Grassland
Heath
Culvert
Direction of water flow
Triangulation Station
Antiquity (site of)
Electricity Transmission Line
Electricity Pylon
BM 291.60m Bench Mark
Buildings with Building Seed
Roofed Building
Glazed Roof Building
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

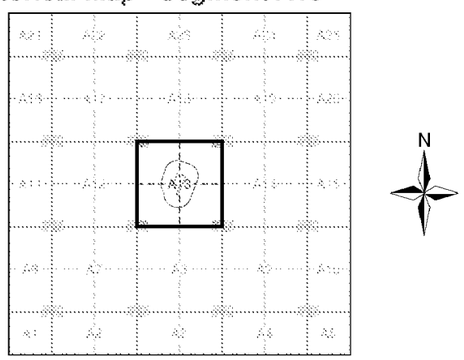
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity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

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:2,500	1876	2
Sussex	1:2,500	1897	3
Sussex	1:2,500	1912	4
Sussex	1:2,500	1937	5
Ordnance Survey Plan	1:2,500	1974	6
Additional SIMs	1:2,500	1979	7
Additional SIMs	1:2,500	1984	8
Large-Scale National Grid Data	1:2,500	1994	9
Historical Aerial Photography	1:2,500	1999	10

Historical Map - Segment A13



Order Details

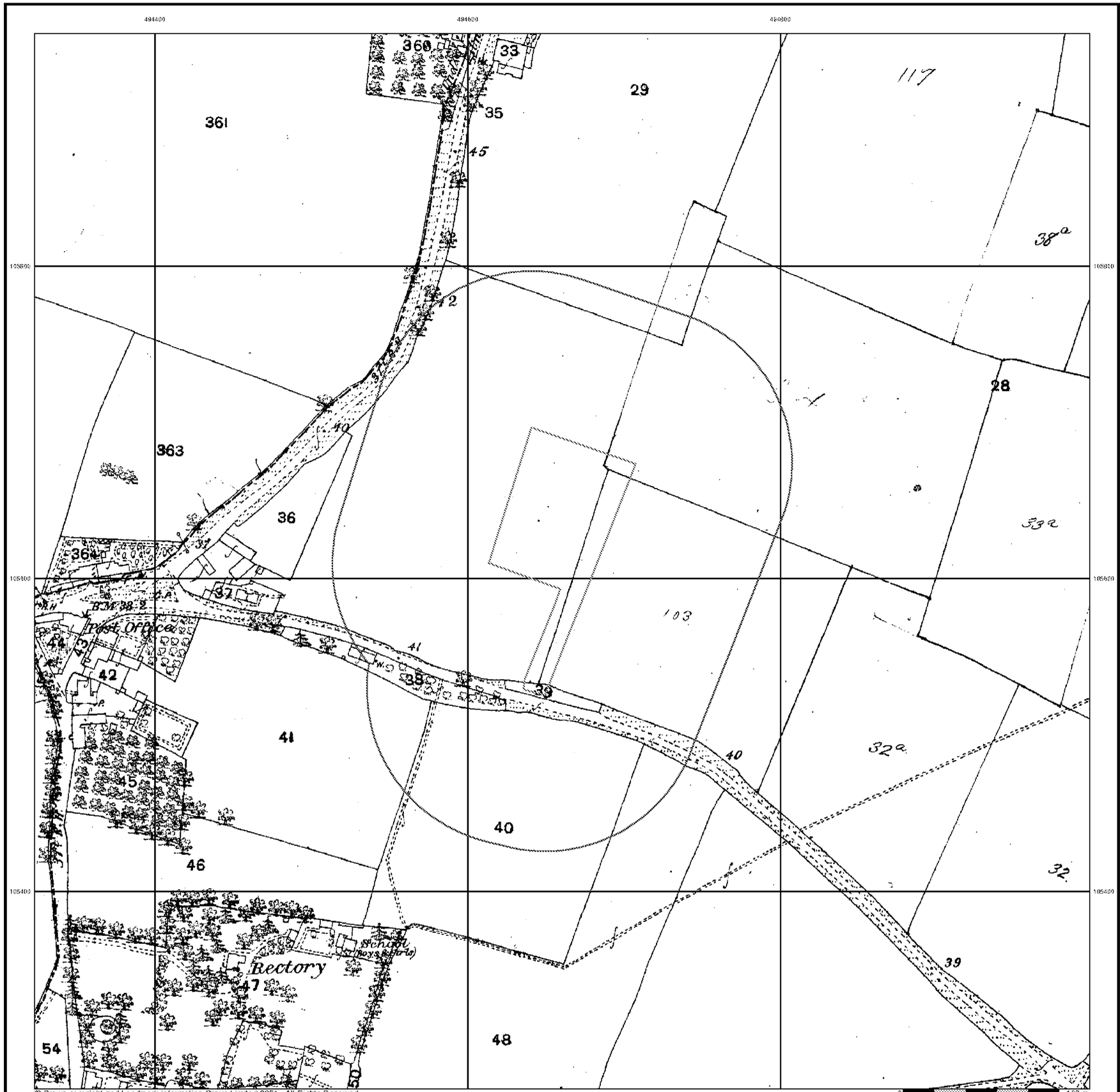
Order Number: 274407724_1_1
Customer Ref: 19023
National Grid Reference: 494660, 105620
Slice: A
Site Area (Ha): 0.73
Search Buffer (m): 100

Site Details

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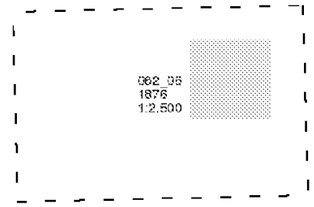
Sussex

Published 1876

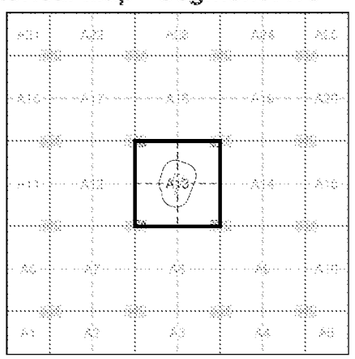
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



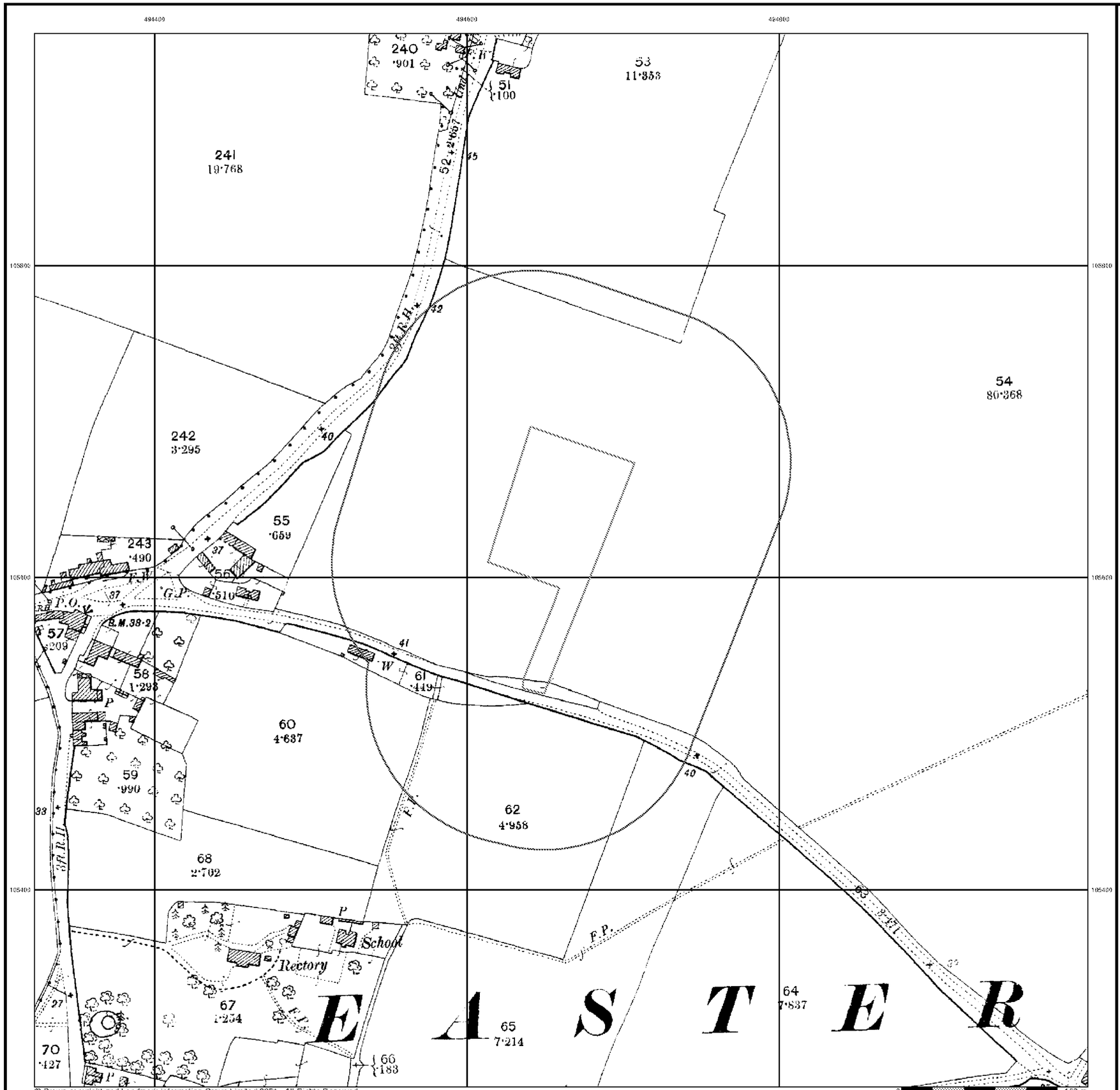
Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	100

Site Details

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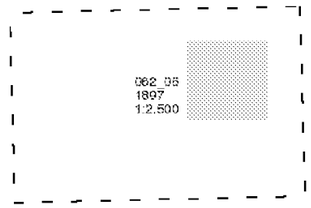
Sussex

Published 1897

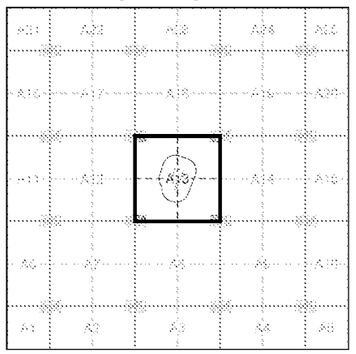
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

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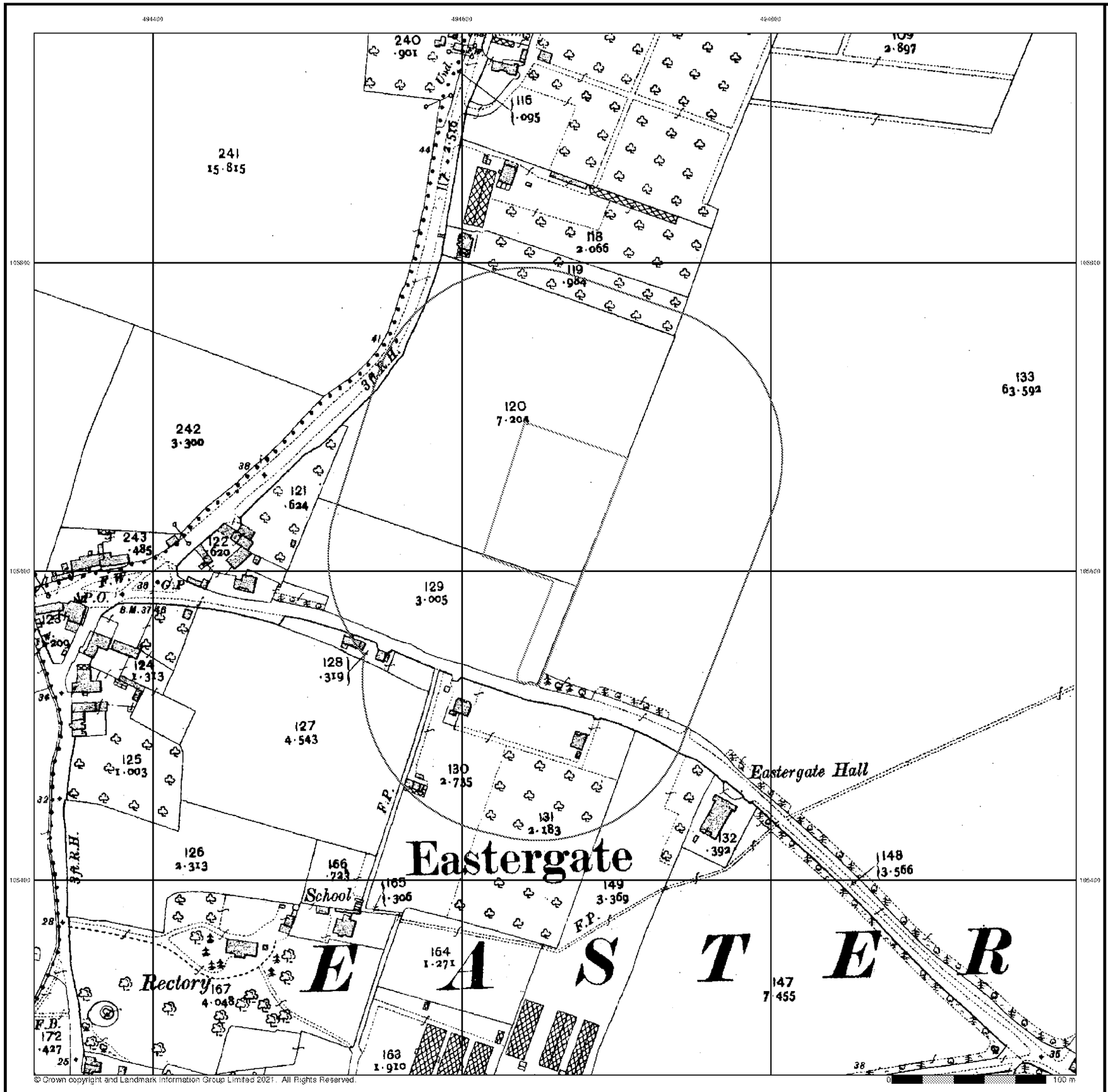
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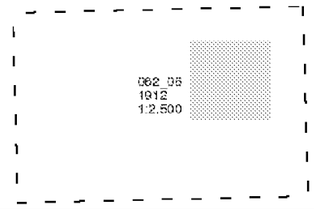
Sussex

Published 1912

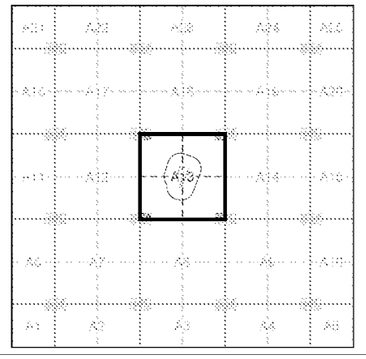
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Map Name(s) and Date(s)



Historical Map - Segment A13



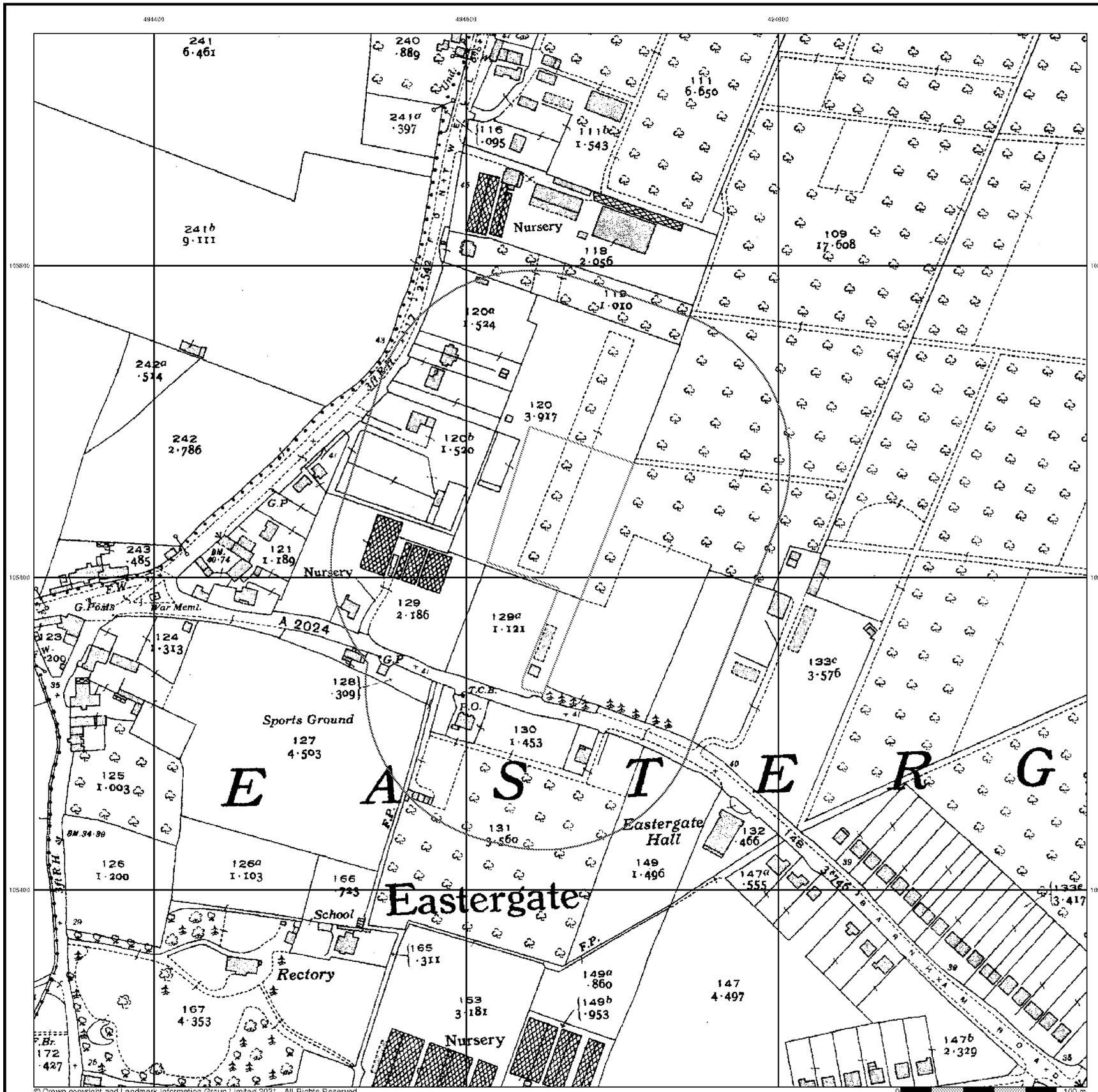
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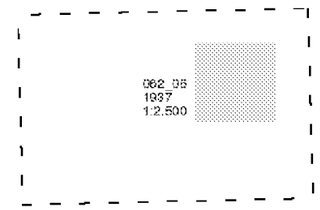
Sussex

Published 1937

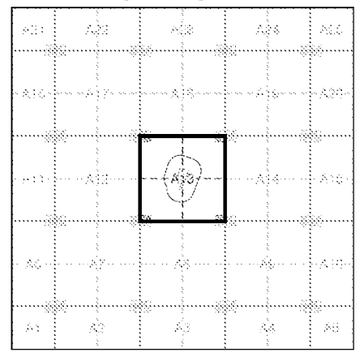
Source map scale - 1:2,500

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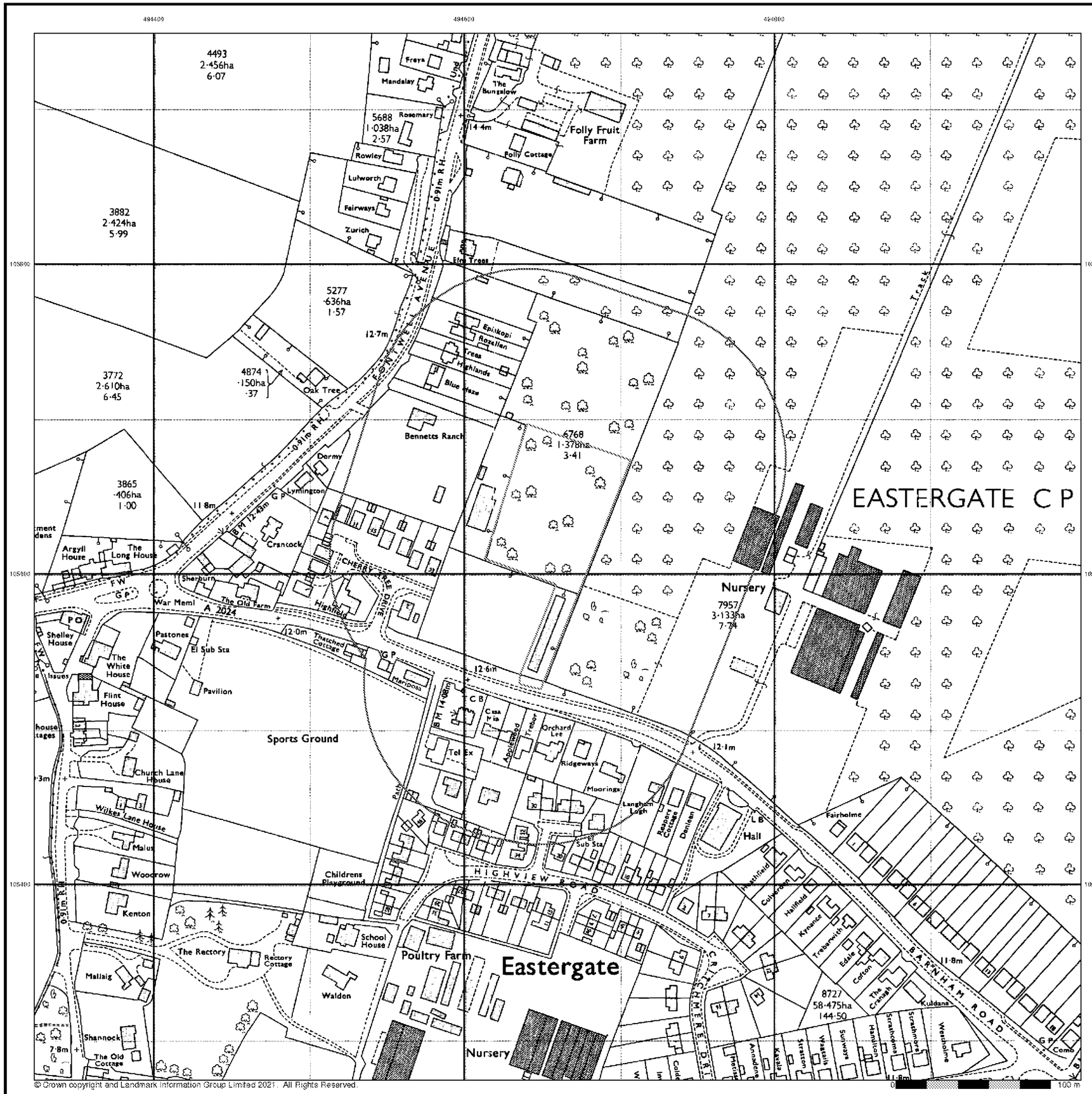
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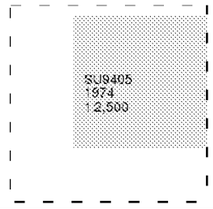
Ordnance Survey Plan

Published 1974

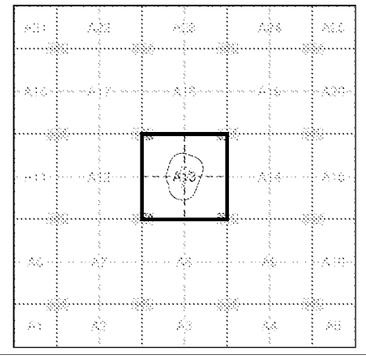
Source map scale - 1:2,500

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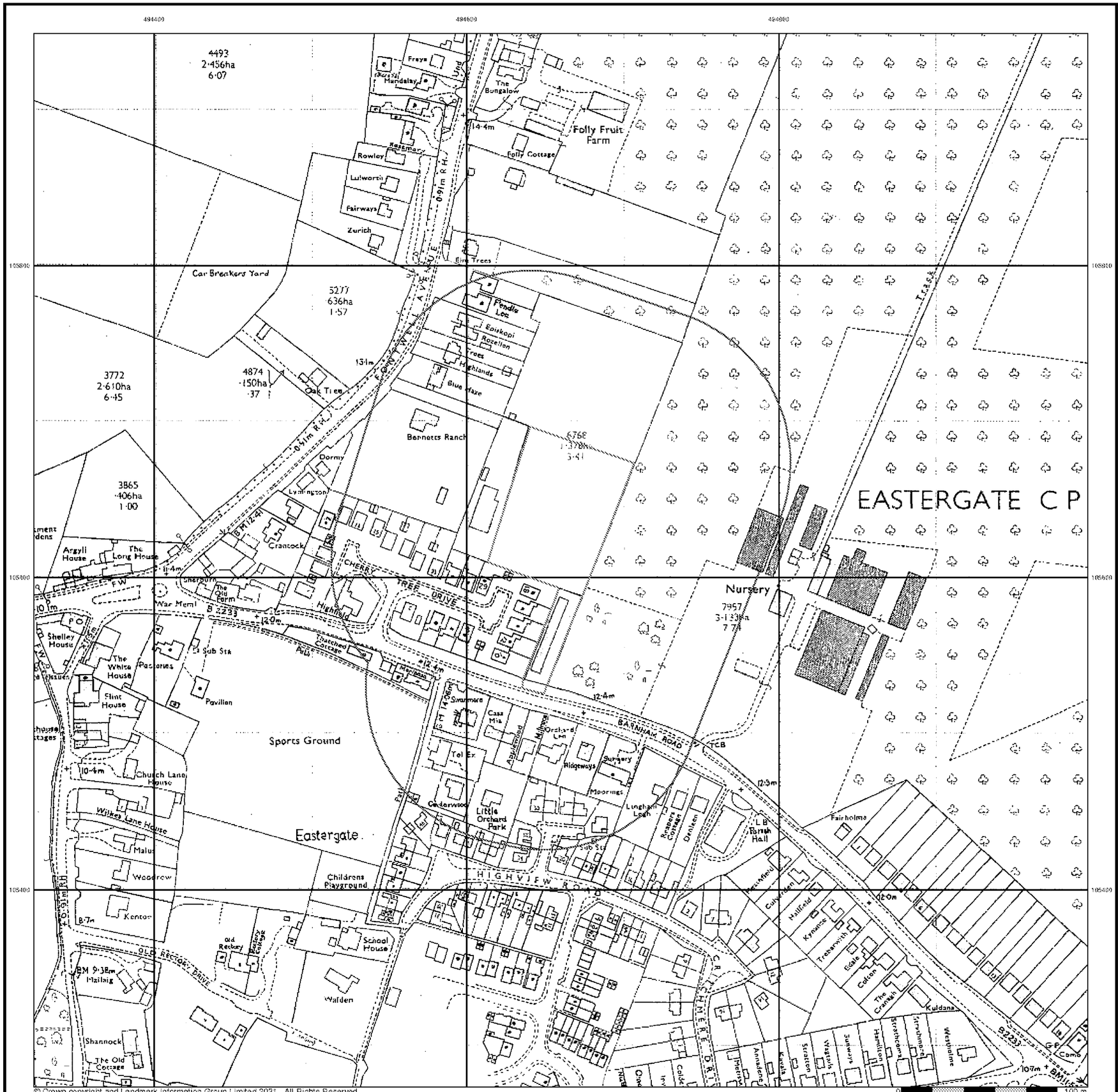
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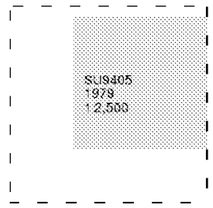
Additional SIMs

Published 1979

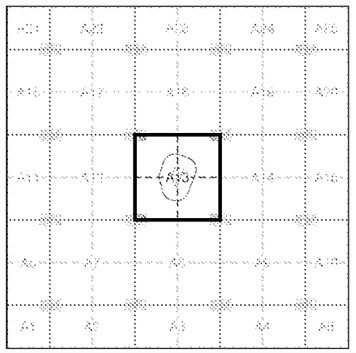
Source map scale - 1:2,500

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



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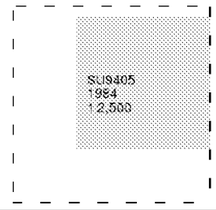
Additional SIMs

Published 1984

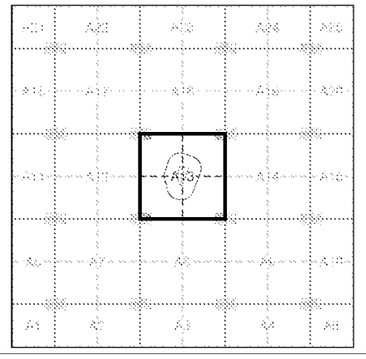
Source map scale - 1:2,500

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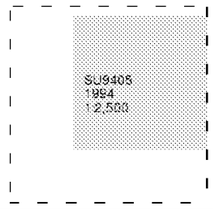
Large-Scale National Grid Data

Published 1994

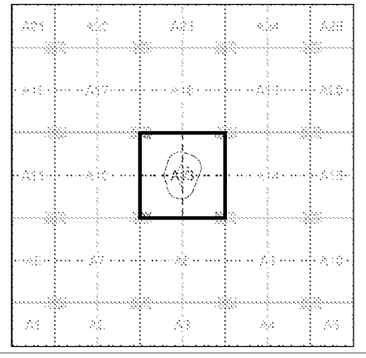
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Slice:	A
Site Area (Ha):	0.73
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Site Details

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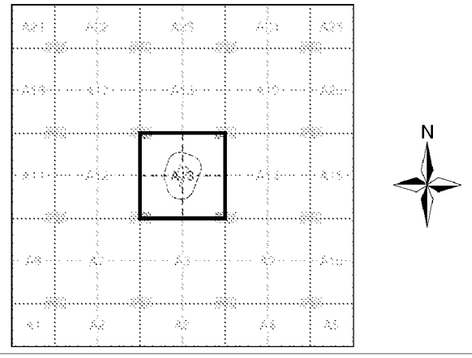
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Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



Order Details

Order Number:	274407724_1_1
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Appendix C Landmark Envirocheck Report

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
274407724_1_1

Customer Reference:
19023

National Grid Reference:
494660, 105620

Slice:
A

Site Area (Ha):
0.73

Search Buffer (m):
1000

Site Details:

The Croft, Barnham Road
Eastergate
CHICHESTER
PO20 3RP

Client Details:

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

soils LIMITED Geotechnical & Environmental Consultants

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	19
Hazardous Substances	-
Geological	22
Industrial Land Use	24
Sensitive Land Use	31
Data Currency	32
Data Suppliers	37
Useful Contacts	38

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			6	16
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				2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7			Yes	
Pollution Incidents to Controlled Waters	pg 7				2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 7			1	
River Quality Biology Sampling Points	pg 7			1	
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 8			1	7 (*13)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 13	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 13	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Source Protection Zones	pg 13		1	1	1
Extreme Flooding from Rivers or Sea without Defences	pg 13		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 13		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 14		1	8	29

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 19			1	1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 19		1		
Local Authority Landfill Coverage	pg 19	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 19			1	1
Potentially Infilled Land (Non-Water)	pg 20			1	5
Potentially Infilled Land (Water)	pg 20		1	3	19
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 21		1		
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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 22	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 22	Yes			Yes
BGS Recorded Mineral Sites	pg 22			1	2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 23	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 23	Yes	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 24		6	4	28
Fuel Station Entries	pg 27				1
Points of Interest - Commercial Services	pg 27		5		9
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 28			3	9
Points of Interest - Public Infrastructure	pg 29				8
Points of Interest - Recreational and Environmental	pg 30		2		4
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Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 31	1		1	
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (E)	0	1	494656 105616
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	134	1	494750 105800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	143	1	494850 105616
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	197	1	494800 105400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	199	1	494550 105350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	244	1	494950 105616
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	293	1	495000 105616
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	294	1	495000 105600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	318	1	495000 105550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A9NW (SE)	479	1	495000 105200
1	**Discharge Consents** Operator: Portsmouth Water Ltd Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Eastergate Wtw Fontwell Avenue, Eastergate, Chichester, West Sussex, Po20 3rz Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprhb3593rs Permit Version: 1 Effective Date: 24th May 2018 Issued Date: 24th May 2018 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge Environment: Freshwater Stream/River Receiving Water: Lidsey Rife **Status: New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13SW (W)	298	2	494341 105486
1	**Discharge Consents** Operator: Portsmouth Water Ltd Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Westergate Wtw Level Mare Lane, Westergate, Chichester, West Sussex, Po20 3sb Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprjb3299rh Permit Version: 1 Effective Date: 24th May 2018 Issued Date: 24th May 2018 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge Environment: Freshwater Stream/River Receiving Water: Lidsey Rife **Status: New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13SW (W)	298	2	494341 105486

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: The Occupier Property Type: CONSTRUCTION OF BUILDINGS Location: Development At Old Rectory, Church Lane, Eastergate, Chichester West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N02015 Permit Version: 1 Effective Date: 25th April 1979 Issued Date: 25th April 1979 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	336	2	494340 105370
3	**Discharge Consents** Operator: Mr A W Davies Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Herbary, Northfield Farm, Fontwell Avenue, Eastergate, West Sussex, Po20 6rx Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P05260 Permit Version: 1 Effective Date: 14th April 1994 Issued Date: 14th April 1994 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Into Land **Status:** **Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A18SW (N)	431	2	494560 106120
4	**Discharge Consents** Operator: West Sussex County Council Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE Location: Eastergate C.E. Primary School, Chichester, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01816 Permit Version: 1 Effective Date: 25th March 1969 Issued Date: 25th March 1969 Revocation Date: 20th March 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	465	2	494280 105230
5	**Discharge Consents** Operator: Fleurie Nursery Ltd Property Type: Mixed Farming Location: Fleurie Nursery Ltd, Eastergate Nurseries, Church Lane Eastergate, Chichester West Sussex, Po20 6xd Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/32su Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: 28th January 2003 Discharge Type: Trade Discharge - Process Water Discharge Environment: Into Land Receiving Water: Into Land **Status:** **Revoked Groundwater Regulations Authorisation** Positional Accuracy: Located by supplier to within 10m	A8NE (S)	475	2	494740 105060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Mrs A Warren-Davies Property Type: Undefined Or Other Location: Northfields Farm & Converted Far, Building, Eastergate, Chichester, West Sussex, Po20 6rx Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P05082 Permit Version: 2 Effective Date: 11th August 1994 Issued Date: 11th August 1994 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Into Land **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A18SW (N)	518	2	494520 106200
6	**Discharge Consents** Operator: Mrs A Warren-Davies Property Type: Undefined Or Other Location: Northfields Farm & Converted Far, Building, Eastergate, Chichester, West Sussex, Po20 6rx Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P05082 Permit Version: 1 Effective Date: 20th October 1993 Issued Date: 20th October 1993 Revocation Date: 11th August 1994 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Into Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A18SW (N)	518	2	494520 106200
7	**Discharge Consents** Operator: Arun District Council Property Type: Undefined Or Other Location: Westergate Street & Ivy Lane, Left Bank Of The Rife, O.S. Parcel No. 291 At Westergat, Chichester, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02140 Permit Version: 1 Effective Date: 28th December 1972 Issued Date: 28th December 1972 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	535	2	494240 105170
8	**Discharge Consents** Operator: Fleurie Nurseries Ltd (David Shores (Sussex)Ltd Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Fleurie Nurseries Ltd, Eastergate Eastergate Nurseries, Church Lane, Eastergate, Chichester, West Sussex, Po201 3xd Authority: Environment Agency, Southern Region Catchment Area: Aldingbourne/Barnham Rife Reference: P11969 Permit Version: 1 Effective Date: 27th February 2004 Issued Date: 27th February 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Onto Land/Into Watercourse Receiving Water: Unnamed Trib. Lidsey Rife **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A8NE (S)	538	2	494830 105020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Discharge Consents** Operator: Dj & Hd Godsmark Property Type: Mixed Farming Location: Swallowfield, Eastergate Lane, Eastergate, West Sussex, Po20 3sj Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/75su Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge Environment: Into Land Receiving Water: Into Land **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	A18SE (NE)	584	2	494980 106190
10	**Discharge Consents** Operator: Mr G. Needham Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Brooks Nursery, Barnham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01907 Permit Version: 1 Effective Date: 19th May 1970 Issued Date: 19th May 1970 Revocation Date: 1st May 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	694	2	495050 104960
11	**Discharge Consents** Operator: Mrs Karen Plunkett Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Meadows (Formerly Firtree Cottage) Denmans Lane, Eastergate, West Sussex, West Sussex, Po20 3sd Authority: Environment Agency, Southern Region Catchment Area: Aldingbourne/Barnham Rife Reference: P12287 Permit Version: 1 Effective Date: 10th February 2005 Issued Date: 10th February 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Groundwater Via Soakaway **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A18NW (N)	826	2	494380 106480
12	**Discharge Consents** Operator: Mr S. Foschini Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Belle Vue, Eastergate, Chichester Level Mare Lane, Eastergate, Chichester, West Sussex, Po20 3sa Authority: Environment Agency, Southern Region Catchment Area: Aldingbourne/Barnham Rife Reference: P12803 Permit Version: 1 Effective Date: 14th August 2006 Issued Date: 14th August 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Underground Water Receiving Water: Groundwater Via A Soakaway **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	830	2	494200 106400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Discharge Consents** Operator: Mr Thomas Haslett Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Hollyholme Level Mare Lane, Eastergate, Chichester, West Sussex, Po20 3sa Authority: Environment Agency, Southern Region Catchment Area: Aldingbourne/Barnham Rife Reference: Npswqd000608 Permit Version: 1 Effective Date: 8th February 2008 Issued Date: 8th February 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Ground Waters Via A Soakaway **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	861	2	494213 106443
13	**Discharge Consents** Operator: Mr And Mrs E. Eismark Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Blackberry Lodge, Eastergate Blackberry Lodge, Northfields Lane, Eastergate, Chichester, West Sussex, Po20 3uh Authority: Environment Agency, Southern Region Catchment Area: Aldingbourne/Barnham Rife Reference: P12241 Permit Version: 1 Effective Date: 17th January 2005 Issued Date: 17th January 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib. Lydsey Rife **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	A17SW (NW)	859	2	493960 106220
14	**Discharge Consents** Operator: Messrs Lisney & Partners Property Type: Undefined Or Other Location: Road Adjoining Heron House, Westergate Street, Chichester, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01670 Permit Version: 1 Effective Date: 3rd January 1968 Issued Date: 3rd January 1968 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	878	2	493810 105230
15	**Discharge Consents** Operator: Bdw Trading Limited Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Upton Brooks, Barnham, Bognor Regis, West Sussex, Po22 0dh Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprab3792ry Permit Version: 2 Effective Date: 9th March 2018 Issued Date: 9th March 2018 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of The Lidsey Rife **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	893	2	495218 104838

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Discharge Consents** Operator: Bdw Trading Limited Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Upton Brooks, Barnham, Bognor Regis, West Sussex, Po22 0dh Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprab3792ry Permit Version: 1 Effective Date: 27th April 2015 Issued Date: 27th April 2015 Revocation Date: 8th March 2018 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of The Lidsey Rife **Status:** **New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	893	2	495218 104838
16	**Discharge Consents** Operator: D.J. Brookwell Esq. Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Housing Estate At Elm Grove Sout, Barnham,, Bognor Regis, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01048 Permit Version: 1 Effective Date: 13th July 1964 Issued Date: 13th July 1964 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	949	2	495260 104800
17	**Discharge Consents** Operator: Mr C.A. & Mrs J.C.Felstead Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Mount Pleasant Cottage, Level Mare Ln/N.Flds Ln, Eastergate , Chichester West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02221 Permit Version: 1 Effective Date: 3rd April 1989 Issued Date: 3rd April 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Into Land **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	967	2	494060 106470
18	**Discharge Consents** Operator: Phillpot Contractors Ltd. Property Type: Undefined Or Other Location: Plots 1/2 Westergate St., Westergate, Chichester, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P00337 Permit Version: 1 Effective Date: 4th February 1986 Issued Date: 4th February 1986 Revocation Date: 1st July 1991 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	998	2	493790 105000
19	**Local Authority Pollution Prevention and Controls** Name: Esso WestergateAldingbourne Motors (Sussex) Ltd Location: Nyton Road, Westergate, CHICHESTER, West Sussex, PO20 3UN Authority: Arun District Council, Environmental Health Department Permit Reference: 1939 Dated: 10th September 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A12SE (W)	552	3	494062 105597

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Local Authority Pollution Prevention and Controls** Name: Pmc Repairs Location: 2-2a Fordingbridge Industrial Estate, Barnham Road, Barnham, Po22 0hd Authority: Arun District Council, Environmental Health Department Permit Reference: 1880 Dated: 30th September 1993 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	578	3	495172 105280
	Nearest Surface Water Feature	A13SW (W)	292	-	494337 105519
21	**Pollution Incidents to Controlled Waters** Property Type: Restaurant/Hotels/Pubs Location: Lidsey Rife, By Wilkes Hed, EASTERGATE Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil On Rife Incident Date: 25th November 1996 Incident Reference: 1945 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	A8NW (SW)	561	2	494380 105030
22	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Unknown Location: Adjacent To Lec, ALDINGBOURNE Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil On The Aldingbourne Rife Incident Date: 15th December 1998 Incident Reference: 2842 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A7NW (SW)	831	2	493950 105060
	River Quality Name: Lidsey Rife GQA Grade: River Quality E Reach: Aldingbourne/Barnham Rifes - Westergate Estimated Distance (km): 6.1 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A12SE (W)	314	2	494319 105499
23	**River Quality Biology Sampling Points** Name: Lidsey Rife Reach: Aldingbourne/Barnham Rifes To Westergate Estimated Distance: 6.10 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 1995 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2000 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2002 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2003 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 2004 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2005 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2006 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2007 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2008 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2009 GQA Grade: River Quality Biology GQA Grade C - Fairly Good	A12SE (W)	314	2	494320 105500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**Water Abstractions** Operator: J R Robinson Licence Number: 10/41/542105 Permit Version: 100 Location: Point A At Eastergate Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted To Be Used On Land Marked Pink On Said Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 31st March 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	437	2	494260 105910
25	**Water Abstractions** Operator: Portsmouth Water Ltd Licence Number: 10/41/542108 Permit Version: 103 Location: Point A Eastergate Pumping Station Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	813	2	494807 106492
25	**Water Abstractions** Operator: Portsmouth Water Company Licence Number: 542108C Permit Version: Not Supplied Location: Eastergate Pumping Station, EASTERGATE Authority: Environment Agency, Southern Region Abstraction: Private Water Undertaking Abstraction Type: Not Supplied Source: Pond or Lake Daily Rate (m3): 22000 Yearly Rate (m3): 8052000 Details: Additional Purpose: Public Water Supply Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NE (N)	815	2	494800 106495
25	**Water Abstractions** Operator: Portsmouth Water Ltd Licence Number: 10/41/542108 Permit Version: 101 Location: Point A Eastergate Pumping Station Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NE (N)	819	2	494800 106500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Water Abstractions** Operator: Portsmouth Water Ltd Licence Number: 10/41/542108 Permit Version: 102 Location: Point A Eastergate Pumping Station Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NE (N)	819	2	494800 106500
25	**Water Abstractions** Operator: Portsmouth Water Co Licence Number: 10/41/542108 Permit Version: 100 Location: Point A Eastergate Pumping Station Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: H5 Chalk Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th September 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NE (N)	819	2	494800 106500
26	**Water Abstractions** Operator: Ms K H Fuente Licence Number: 10/41/542211 Permit Version: 101 Location: Point A At Stoneyfields Nurseries, Eastergate Lane,Walberton Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted May Be Used On Land Coloured Pink On Said Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	917	2	495590 105920
26	**Water Abstractions** Operator: Mr P H C Fuente Licence Number: 10/41/542211 Permit Version: 100 Location: Point A At Stoneyfields Nurseries, Eastergate Lane,Walberton Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted May Be Used On Land Coloured Pink On Said Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd January 1978 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NE (E)	917	2	495590 105920

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ashmarden Ltd Licence Number: 10/41/542102 Permit Version: 101 Location: Between Points A&B At Lidsey,Bersted Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted Shall Be Used On Land And Buildings Marked Pink On The Plan Accompaning This Licence Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 10th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NW (S)	1236	2	494380 104320
	Water Abstractions Operator: Ashmarden Ltd Licence Number: 10/41/542102 Permit Version: 100 Location: Between Points A&B At Lidsey,Bersted Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 909 Yearly Rate (m3): 24545.2 Details: Water Abstracted Shall Be Used On Land And Buildings Marked Pink On The Plan Accompaning This Licence Authorised Start: 01 March Authorised End: 31 August Permit Start Date: 20th May 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NW (S)	1236	2	494380 104320
	Water Abstractions Operator: Ashmarden Limited Licence Number: 10/41/542102/R01 Permit Version: 2 Location: Between Points A&B At Lidsey,Bersted Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 13th December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NW (S)	1249	2	494358 104312
	Water Abstractions Operator: Ashmarden Ltd Licence Number: 10/41/542102/R01 Permit Version: 1 Location: Between Points A&B At Lidsey,Bersted Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NW (S)	1249	2	494358 104312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 10/41/542108 Permit Version: 103 Location: Point B Westergate Pumping Station Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22SW (NW)	1342	2	493956 106850
	Water Abstractions Operator: Portsmouth Water Company Licence Number: 542108A Permit Version: Not Supplied Location: Westergate Pumping Station, EASTERGATE Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Pond or Lake Daily Rate (m3): 22000 Yearly Rate (m3): 8052000 Details: Additional Purpose: Public Water Supply Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SW (NW)	1351	2	493930 106845
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 10/41/542108 Permit Version: 101 Location: Point B Westergate Pumping Station Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SW (NW)	1413	2	493900 106900
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 10/41/542108 Permit Version: 102 Location: Point B Westergate Pumping Station Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SW (NW)	1413	2	493900 106900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Portsmouth Water Co Licence Number: 10/41/542108 Permit Version: 100 Location: Point B Westergate Pumping Station Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: H5 Chalk Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th September 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22SW (NW)	1413	2	493900 106900
	Water Abstractions Operator: Messrs W H & D Gillbard Licence Number: 10/41/541301 Permit Version: 100 Location: Park Farm Reach E-F, Aldingbourne Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted Shall Be Used Only On Land Marked Pink On The Plan Accompanying This Licence Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 16th April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	1695	2	493050 104930
	Water Abstractions Operator: Messrs W H & D Gillbard Licence Number: 10/41/541301 Permit Version: 100 Location: Park Farm Reach C-D, Aldingbourne Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted Shall Be Used Only On Land Marked Pink On The Plan Accompanying This Licence Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 16th April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1843	2	492840 105110
	Water Abstractions Operator: G O Rushbridger Licence Number: 10/41/541306 Permit Version: 100 Location: A Well At Norton Grange Farm, Aldingbourne Authority: Environment Agency, Southern Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted Shall Only Be Used On Land And Buildings In The Occupation The The Licence Holder At Norton Grange Farm Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SW (NW)	1936	2	492980 106690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: G O Rushbridge & Co Licence Number: 10/41/541312 Permit Version: 100 Location: At Norton Grange Farm, Aldingbourne Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Water Abstracted Shall Be Used On Land Marked Pink On The Said Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 16th April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1963	2	492960 106710
	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: 3-10m Superficial Recharge: High	A13NW (E)	0	4	494656 105616
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (E)	0	4	494656 105616
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (E)	0	4	494656 105616
27	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone IIc (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater - subsurface activity only.	A13NE (N)	148	2	494668 105843
28	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone Ic (Inner Protection Zone): Travel time of 50 days or less to the groundwater source - subsurface activity only.	A18SE (N)	315	2	494705 106005
29	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A18NE (N)	769	2	494791 106450
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	161	2	494453 105617
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	194	2	494421 105634
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Defences None				
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 202.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A13NW (W)	194	5	494420 105622
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A13SW (W)	292	5	494337 105519
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A13SW (W)	292	5	494338 105512
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 172.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A13SW (SW)	300	5	494340 105481
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 102.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A13NW (NW)	329	5	494326 105793
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A13SW (SW)	380	5	494323 105312
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 675.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12SE (SW)	384	5	494321 105309
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A8NE (S)	403	5	494669 105124
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 189.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A8NW (S)	438	5	494649 105089

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 221.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A14SW (SE)	534	5	495164 105362
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 462.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A8SE (S)	601	5	494710 104928
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 165.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A14SW (SE)	604	5	495229 105350
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 213.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A8SW (S)	612	5	494582 104918
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 225.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NE (W)	668	5	493985 105839
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1154.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A14SW (E)	673	5	495315 105379
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 151.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A9NW (SE)	694	5	495043 104956
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	710	5	493905 105634
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	721	5	493894 105651

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	725	5	493890 105652
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 256.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	761	5	493902 105888
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	788	5	493832 105712
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	792	5	493828 105703
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	795	5	493824 105696
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	796	5	493822 105692
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	798	5	493819 105687
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	799	5	493818 105682
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	803	5	493812 105666

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	**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: West Streams Primacy: 1	A12NW (W)	805	5	493811 105663
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 340.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A8SW (S)	820	5	494514 104717
59	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 68.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A9SW (SE)	836	5	495164 104868
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	849	5	493765 105637
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	851	5	493772 105739
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 333.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A12NW (W)	853	5	493762 105636
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 2	A9SW (SE)	877	5	495239 104876
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A9SW (SE)	881	5	495248 104879
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A9SW (SE)	886	5	495248 104873

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 301.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A7SE (SW)	942	5	494222 104683
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 242.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	A7SE (SW)	942	5	494222 104683

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Eastergate, Sussex Name: Eastergate Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20155 First Input Date: 31st December 1949 Last Input Date: 31st December 1963 Specified Waste Type: Deposited Waste included Inert, Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3800/8188 BGS Ref: Not Supplied Other Ref: 27-153, WD27/099	A19SW (NE)	422	2	495022 105954
69	**Historical Landfill Sites** Licence Holder: Eastergate Parish Council Location: Eastergate, Sussex Name: Wandleys Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20078 First Input Date: 14th March 1979 Last Input Date: 13th March 1981 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3800/8126 BGS Ref: Not Supplied Other Ref: WD27/100, WD13/5/28	A18SE (N)	567	2	494778 106247
70	**Licensed Waste Management Facilities (Locations)** Licence Number: 19748 Location: Sussex Recovery, Fontwell Avenue, Eastergate, West Sussex, PO20 3RU Operator Name: S R C Recycling Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Modified** Issued: 31st March 1994 Last Modified: 16th March 2009 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	223	2	494447 105806
	Local Authority Landfill Coverage Name: Arun District Council - Has no landfill data to supply		0	6	494656 105616
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	7	494656 105616
71	**Local Authority Recorded Landfill Sites** Location: Eastergate Lane, Eastergate Reference: EG/1/49 Authority: West Sussex County Council, Environment & Development **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A19SW (NE)	420	7	495021 105953
72	**Local Authority Recorded Landfill Sites** Location: Wandleys Lane, Eastergate Reference: EG/57/78 Authority: West Sussex County Council, Environment & Development **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A18NE (N)	624	7	494800 106300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1979	A18SW (N)	274	-	494646 105970
74	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19SW (NE)	583	-	495142 106061
75	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1979	A18NE (N)	623	-	494821 106292
76	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1979	A18NW (N)	827	-	494375 106480
77	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1979	A18NW (N)	874	-	494383 106531
78	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9NW (SE)	893	-	495329 104948
79	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A13SE (SE)	147	-	494755 105425
80	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A8NE (S)	314	-	494710 105218
81	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A8NE (SE)	408	-	494964 105267
82	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A8NW (SW)	451	-	494374 105163
83	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1914	A7NE (SW)	527	-	494236 105186
84	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1914	A7NE (SW)	598	-	494224 105096
85	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A14SW (SE)	614	-	495247 105365
86	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A8SW (S)	666	-	494563 104865
87	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1914	A7NE (SW)	678	-	494106 105106
88	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A8SW (SW)	685	-	494328 104917
89	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A9NW (SE)	697	-	495210 105113
90	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A8SE (S)	731	-	494799 104811
91	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A17SW (NW)	732	-	493961 105965

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A18NE (N)	752	-	494899 106403
93	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1914	A17SW (NW)	761	-	493972 106060
94	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A18NE (N)	777	-	494719 106469
95	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A18NE (N)	848	-	494906 106503
96	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A18NE (N)	891	-	494902 106549
97	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A18NW (N)	907	-	494557 106600
98	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A18NE (N)	914	-	494755 106603
99	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A9NE (SE)	922	-	495480 105126
100	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A7SW (SW)	956	-	493978 104836
101	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	A7SW (SW)	979	-	493978 104805
102	**Registered Waste Treatment or Disposal Sites** Licence Holder: D M Parker Licence Reference: WSX/L1/0103/1 Site Location: Sussex Recovery, Fontwell Avenue, Eastergate, CHICHESTER, West Sussex, PO20 6RU Operator Location: As Site Address Authority: Environment Agency - Southern Region, Sussex Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 31st March 1994 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Waste Permitted By Licence Motor Vehicles Prohibited Waste: Asbestos Domestic Electrical Appliances Metallic Powders Percussive/Explosive/Similar Waste Spec.Waste (Epa'90:S62/1996 Regs)N.O.S Sub'S Control. Radioactive Subs Act'60 Tankers Waste Cont. Pcbs Waste N.O.S. Waste React.Violently Water Or Air	A13NW (W)	200	2	494425 105675

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13NW (E)	0	1	494656 105616
	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	A13NW (E)	0	1	494656 105616
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 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	A19NW (NE)	753	1	495023 106357
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 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	A18NW (N)	943	1	494370 106600
103	**BGS Recorded Mineral Sites** Site Name: Northfields Farm Gravel Pit Location: Nyton, Aldingbourne, Chichester, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 157595 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18SW (N)	284	1	494660 105980
104	**BGS Recorded Mineral Sites** Site Name: Northfields Farm Gravel Pit Location: Nyton, Aldingbourne, Chichester, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 157597 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	521	1	495121 105990
105	**BGS Recorded Mineral Sites** Site Name: Northfields Farm Gravel Pit Location: Nyton, Aldingbourne, Chichester, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 157596 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	623	1	495174 106086

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	494656 105616
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	4	1	494606 105656
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	494656 105616
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	494656 105616
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	494656 105616
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	494656 105616
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	4	1	494606 105656
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	494656 105616
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	4	1	494606 105656
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	494656 105616
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	1	494656 105616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	**Contemporary Trade Directory Entries** Name: Temppest Environmental Services Location: 8, Highview Road, Eastergate, Chichester, PO20 3XB Classification: Pest & Vermin Control **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (S)	137	-	494710 105404
106	**Contemporary Trade Directory Entries** Name: Caroline Cleaning Co Ltd Location: 3, Highview Road, Eastergate, Chichester, West Sussex, PO20 3XB Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (S)	165	-	494706 105371
107	**Contemporary Trade Directory Entries** Name: S R C Recycling Ltd Location: Fontwell Avenue, Eastergate, Chichester, West Sussex, PO20 3RU Classification: Salvage Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	228	-	494421 105756
107	**Contemporary Trade Directory Entries** Name: Sussex Recovery Location: Fontwell Avenue, Eastergate, Chichester, PO20 3RU Classification: Salvage Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	228	-	494421 105756
107	**Contemporary Trade Directory Entries** Name: S R C Recycling Ltd Location: Fontwell Avenue, Eastergate, Chichester, West Sussex, PO20 3RU Classification: Car Breakers & Dismantlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	228	-	494421 105756
108	**Contemporary Trade Directory Entries** Name: Automation-Uk Ltd Location: St Georges Walk, Eastergate, Chichester, West Sussex, PO20 3XS Classification: Automation Systems & Equipment **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13SW (S)	240	-	494595 105293
109	**Contemporary Trade Directory Entries** Name: S P R Centre Location: Greenfields Farm, Fontwell Avenue, Eastergate, Chichester, West Sussex, PO20 3RU Classification: Pet Foods & Animal Feeds **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	313	-	494604 106007
110	**Contemporary Trade Directory Entries** Name: Smarter Blinds Location: Nuthatch, Church Lane, Eastergate, Chichester, West Sussex, PO20 3UT Classification: Blinds, Awnings & Canopies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	339	-	494383 105304
111	**Contemporary Trade Directory Entries** Name: Rjs Clearance Services Location: Manor Farm, Church Lane, Eastergate, Chichester, West Sussex, PO20 3UT Classification: Waste Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	400	-	494545 105140
112	**Contemporary Trade Directory Entries** Name: A & P Trade Cars Location: Eastergate La, Eastergate, Chichester, West Sussex, PO20 3SJ Classification: Car Dealers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	464	-	494950 106068
113	**Contemporary Trade Directory Entries** Name: Esso Location: Nyton Road Westergate, Aldingbourne, Chichester, West Sussex, PO20 3UA Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Manually positioned to the address or location	A12SE (W)	551	-	494063 105602

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	**Contemporary Trade Directory Entries** Name: M R H Service Station Location: Nyton Road, Westergate, Chichester, PO20 3UN Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (W)	552	-	494062 105602
113	**Contemporary Trade Directory Entries** Name: Esso Garage Location: Nyton Road, Westergate, Chichester, PO20 3UN Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	552	-	494062 105602
114	**Contemporary Trade Directory Entries** Name: Peter Rowe Joinery Location: Unit C2,Holmdale Ind Est,Fontwell Av, Eastergate, Chichester, West Sussex, PO20 3YJ Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SE (N)	597	-	494773 106278
115	**Contemporary Trade Directory Entries** Name: Halo Location: Fordingbridge Site, Barnham Road, Barnham, Bognor Regis, West Sussex, PO22 0HD Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	598	-	495173 105237
116	**Contemporary Trade Directory Entries** Name: Dream Pools Ltd Location: Eastergate Lane, Eastergate, Chichester, PO20 3SJ Classification: Swimming Pool Contractors, Repairers & Service **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	608	-	495087 106148
117	**Contemporary Trade Directory Entries** Name: Nigel Hardy Location: Melcroft, Eastergate Lane, Eastergate, Chichester, West Sussex, PO20 3SJ Classification: Horse Boxes & Transporting **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	623	-	495224 106021
117	**Contemporary Trade Directory Entries** Name: Robinsons Haulage Location: Eastergate La, Eastergate, Chichester, West Sussex, PO20 3SJ Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	657	-	495238 106060
118	**Contemporary Trade Directory Entries** Name: Hoofin Around Location: 20, Westergate Mews, Nyton Road, Westergate, Chichester, West Sussex, PO20 3YP Classification: Horse Boxes & Transporting **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	632	-	493984 105554
119	**Contemporary Trade Directory Entries** Name: Welcome Engineering Location: Unit C, Holmdale Estate, Fontwell Avenue, Eastergate, Chichester, West Sussex, PO20 6YJ Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	635	-	494826 106303
119	**Contemporary Trade Directory Entries** Name: Easterchem Location: Unit A9, Holmdale Estate, Fontwell Avenue, Eastergate, Chichester, West Sussex, PO20 6YJ Classification: Chemists' & Pharmacists' Suppliers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A18NE (N)	664	-	494867 106321
119	**Contemporary Trade Directory Entries** Name: Tempcon Instrumentation Ltd Location: B1-B3, Unit, Holmdale Estate, Fontwell Avenue, Eastergate, Chichester, West Sussex, PO20 6YJ Classification: Temperature Monitoring Systems Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A18NE (N)	664	-	494867 106321

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	**Contemporary Trade Directory Entries** Name: Prettywaste Location: 12, School Close, Westergate, Chichester, West Sussex, PO20 3AB Classification: Shredding Equipment & Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	656	-	494031 105275
121	**Contemporary Trade Directory Entries** Name: Just Sew Location: Prospect House, Nyton Road, Westergate, Chichester, West Sussex, PO20 3UN Classification: Photocopiers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	670	-	493944 105595
121	**Contemporary Trade Directory Entries** Name: Apogee Corporation Location: Apogee House, Nyton Road, Westergate, Chichester, West Sussex, PO20 3UN Classification: Office Furniture & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	670	-	493944 105595
121	**Contemporary Trade Directory Entries** Name: P W Taylor Location: Christmas Cottage, Nyton Road, Westergate, Chichester, West Sussex, PO20 3UN Classification: Washing Machines - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	682	-	493932 105598
122	**Contemporary Trade Directory Entries** Name: Fontwell Joinery Location: Unit A8, Holmdale Estate, Fontwell Avenue, Eastergate, Chichester, West Sussex, PO20 6YJ Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	709	-	494926 106347
123	**Contemporary Trade Directory Entries** Name: Austin Rover Services Location: Eastergate La, Eastergate, Chichester, West Sussex, PO20 3SJ Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	714	-	495320 106040
124	**Contemporary Trade Directory Entries** Name: L J M Transport Location: 2, St. Richards Road, Westergate, Chichester, West Sussex, PO20 3RD Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	728	-	493985 105203
125	**Contemporary Trade Directory Entries** Name: D Faulkner Springs Llp Location: Greensleeves, Northfields Lane, Westergate, Chichester, West Sussex, PO20 3UH Classification: Spring Manufacturers & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	730	-	493895 105739
126	**Contemporary Trade Directory Entries** Name: Servac International Marine Technology Location: Rock House, Westergate Street, Westergate, Chichester, West Sussex, PO20 3RJ Classification: Marine Engineering Equipment Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (W)	792	-	493872 105318
127	**Contemporary Trade Directory Entries** Name: A1 Steamvac Ltd Location: Park Cottage, Northfields Lane, Westergate, Chichester, PO20 3UH Classification: Carpet, Curtain & Upholstery Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	806	-	493813 105706
128	**Contemporary Trade Directory Entries** Name: The Cleaning Biz Location: White House, Westergate Street, Westergate, Chichester, West Sussex, PO20 3QY Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	852	-	493858 105181

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	**Contemporary Trade Directory Entries** Name: Ashton Heating Services Location: 27, Barnetts Field, Westergate, CHICHESTER, West Sussex, PO20 3UD Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	860	-	493765 105473
130	**Contemporary Trade Directory Entries** Name: Heason Technologies Group Ltd Location: Claremont Lodge, Fontwell Avenue, Eastergate, Chichester, West Sussex, PO20 3RY Classification: Machinery - Industrial & Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	891	-	494905 106547
131	**Contemporary Trade Directory Entries** Name: Dimensions (Chichester) Ltd Location: Westergate St, Westergate, Chichester, West Sussex, PO20 3QX Classification: Office Furniture & Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	942	-	493850 105010
131	**Contemporary Trade Directory Entries** Name: Emberleaf Workshops Location: Martins, Westergate Street, Westergate, Chichester, West Sussex, PO20 3QU Classification: Tool Design, Manufacturers & Makers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	977	-	493831 104975
132	**Contemporary Trade Directory Entries** Name: Adrian Cronk Marine Location: Lynwood, Eastergate Lane, Eastergate, Chichester, West Sussex, PO20 3SJ Classification: Marine Engineering Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	952	-	495569 106079
133	**Fuel Station Entries** Name: Mfg Westergate Location: Nyton Road , Westergate , Chichester, West Sussex, PO20 3UN Brand: Esso Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A12SE (W)	552	-	494062 105597
134	**Points of Interest - Commercial Services** Name: Temppest Environmental Services Location: 8 Highview Road, Eastergate, Chichester, PO20 3XB Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A13SE (S)	137	8	494710 105404
135	**Points of Interest - Commercial Services** Name: Sussex Recovery Location: Fontwell Avenue, Eastergate, Chichester, PO20 3RU Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NW (NW)	228	8	494421 105756
135	**Points of Interest - Commercial Services** Name: S R C Recycling Ltd Location: Fontwell Avenue, Eastergate, Chichester, PO20 3RU Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NW (NW)	228	8	494421 105756
135	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	232	8	494430 105793
135	**Points of Interest - Commercial Services** Name: Scrap Yard Location: PO20 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NW (NW)	233	8	494432 105800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	**Points of Interest - Commercial Services** Name: Mfg Westergate Location: Nyton Road, Westergate, Chichester, PO20 3UN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (W)	552	8	494062 105597
136	**Points of Interest - Commercial Services** Name: Car Wash Location: Nyton Road, Westergate, Chichester, West Sussex, PO20 3UN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (W)	552	8	494062 105597
137	**Points of Interest - Commercial Services** Name: Pmc Repairs Specialists Ltd Location: 2 Fordingbridge Site, Barnham Road, Barnham, Bognor Regis, PO22 0HD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	598	8	495173 105237
137	**Points of Interest - Commercial Services** Name: Poling Motor Company Fordingbridge Site Location: 2 Fordingbridge Site, Barnham Road, Barnham, Bognor Regis, PO22 0HD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	598	8	495173 105237
137	**Points of Interest - Commercial Services** Name: Halo Location: 2 Fordingbridge Site, Barnham Road, Barnham, Bognor Regis, PO22 0HD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	598	8	495173 105237
138	**Points of Interest - Commercial Services** Name: Sparkles Mobile Valeting Chichester West Sussex Location: 34 Ivy Lane, Westergate, Chichester, PO20 3RE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NE (SW)	611	8	494155 105152
139	**Points of Interest - Commercial Services** Name: L J M Transport Location: 2 St. Richards Road, Westergate, Chichester, PO20 3RD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	729	8	493985 105202
140	**Points of Interest - Commercial Services** Name: Wallis Transport Ltd Location: 1 Ivy Lane, Westergate, Chichester, PO20 3RA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	816	8	493866 105258
141	**Points of Interest - Commercial Services** Name: Autoaircon Location: Longreach, Eastergate Lane, Eastergate, Chichester, PO20 3SJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	907	8	495307 106354
142	**Points of Interest - Manufacturing and Production** Name: C M Pitman Location: Northfields Farm, Fontwell Avenue, Eastergate, Chichester, PO20 3RX Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A18SW (N)	452	8	494537 106136
143	**Points of Interest - Manufacturing and Production** Name: Poultry House Location: PO20 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	488	8	494246 105983
143	**Points of Interest - Manufacturing and Production** Name: Poultry House Location: PO20 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	A17SE (NW)	497	8	494244 105996

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
144	**Points of Interest - Manufacturing and Production** Name: Fordingbridge Industrial Site Location: PO20 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	518	8	495126 105324
145	**Points of Interest - Manufacturing and Production** Name: Tank Location: PO20 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	656	8	493961 105673
146	**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	A18NE (N)	686	8	494887 106337
147	**Points of Interest - Manufacturing and Production** Name: Tanks Location: PO22 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	700	8	495133 105021
148	**Points of Interest - Manufacturing and Production** Name: Solar Panels Location: PO20 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	762	8	494722 106454
149	**Points of Interest - Manufacturing and Production** Name: Solar Panel Location: PO20 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	770	8	495477 105685
150	**Points of Interest - Manufacturing and Production** Name: Factory Location: PO20 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A12SW (W)	795	8	493869 105319
150	**Points of Interest - Manufacturing and Production** Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	801	8	493865 105312
151	**Points of Interest - Manufacturing and Production** Name: Tanks Location: PO20 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	862	8	495563 105777
152	**Points of Interest - Public Infrastructure** Name: Slurry Bed Location: PO20 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	513	8	494392 105078
153	**Points of Interest - Public Infrastructure** Name: Esso Garage Location: Nyton Road, Westergate, Chichester, PO20 3UN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (W)	550	8	494064 105600
153	**Points of Interest - Public Infrastructure** Name: Esso Location: Nyton Road, Westergate, Chichester, PO20 3UN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (W)	552	8	494062 105597

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	**Points of Interest - Public Infrastructure** Name: M R H Service Station Location: Nyton Road, Westergate, Chichester, PO20 3UN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (W)	552	8	494062 105597
153	**Points of Interest - Public Infrastructure** Name: M R H Petroleum GB Ltd Location: Nyton Road, Westergate, Chichester, West Sussex, PO20 3UN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (W)	552	8	494062 105597
153	**Points of Interest - Public Infrastructure** Name: MRH Westergate Spar Location: Nyton Road, Westergate, Chichester, PO20 3UN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (W)	552	8	494062 105597
153	**Points of Interest - Public Infrastructure** Name: Esso Location: Nyton Road, Westergate, Chichester, PO20 3UN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (W)	558	8	494056 105601
154	**Points of Interest - Public Infrastructure** Name: Sewage Pumping Station Location: PO22 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	841	8	495198 104889
155	**Points of Interest - Recreational and Environmental** Name: Playground Location: Highview Road, PO20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SW (SW)	167	8	494523 105406
155	**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	A13SW (SW)	174	8	494514 105405
156	**Points of Interest - Recreational and Environmental** Name: Playground Location: Lime Avenue, PO20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12SE (W)	563	8	494066 105478
157	**Points of Interest - Recreational and Environmental** Name: Playground Location: Holmdale, PO20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NE (N)	685	8	494859 106345
158	**Points of Interest - Recreational and Environmental** Name: Play Area Location: PO22 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	838	8	495201 104896
159	**Points of Interest - Recreational and Environmental** Name: Playground Location: Olivers Meadow, PO20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7NW (SW)	996	8	493695 105203

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	**Nitrate Vulnerable Zones** Name: Aldingbourne Rife Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (E)	0	4	494656 105616
161	**Nitrate Vulnerable Zones** Name: Sussex Chalk Description: Groundwater Source: Environment Agency, Head Office	A18SE (N)	441	4	494747 106124

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Arun District Council - Environmental Health Department	December 2019	Annual Rolling Update
Chichester District Council - Environmental Health Department	July 2013	Annual Rolling Update
Environment Agency - Head Office	June 2020	Annually
Discharge Consents		
Environment Agency - Southern Region	January 2021	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	Annual Rolling Update
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Variable
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Solent & South Downs Area	January 2021	Quarterly
Environment Agency - Southern Region	January 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Arun District Council - Environmental Health Department	December 2014	Variable
Chichester District Council - Environmental Health Department	October 2014	Variable
Local Authority Pollution Prevention and Controls		
Arun District Council - Environmental Health Department	December 2014	Not Applicable
Chichester District Council - Environmental Health Department	October 2014	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Arun District Council - Environmental Health Department	December 2014	Variable
Chichester District Council - Environmental Health Department	October 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	October 2020	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2013	Annual Rolling Update
Registered Radioactive Substances		
Environment Agency - Southern Region	June 2016	
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	January 2021	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2021	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2021	Quarterly
Water Abstractions		
Environment Agency - Southern Region	January 2021	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	Quarterly
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk		
Environment Agency - Head Office	June 2018	As notified

Agency & Hydrological	Version	Update Cycle
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	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	September 2020	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	October 2019	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	January 2021	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2021	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2021	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	January 2021	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2021	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2021	Quarterly
Local Authority Landfill Coverage		
Arun District Council - Technical Support Unit	May 2000	Not Applicable
Chichester District Council - Environmental Health Department	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Arun District Council - Technical Support Unit	May 2000	Not Applicable
Chichester District Council - Environmental Health Department	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
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 - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
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	Not Applicable
Planning Hazardous Substance Enforcements		
Arun District Council - Technical Support Unit	February 2016	Variable
Chichester District Council - Planning Department	February 2016	Variable
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Planning Hazardous Substance Consents		
Arun District Council - Technical Support Unit	February 2016	Variable
Chichester District Council - Planning Department	February 2016	Variable
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update

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	November 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
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	January 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	January 2021	
Points of Interest - Commercial Services PointX	March 2021	Quarterly
Points of Interest - Education and Health PointX	March 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2021	Quarterly
Points of Interest - Public Infrastructure PointX	March 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2021	Quarterly
Underground Electrical Cables National Grid	December 2020	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Arun District Council - Technical Support Unit	June 2020	As notified
Chichester District Council	June 2020	As notified
South Downs National Park	June 2020	As notified
Areas of Unadopted Green Belt		
Arun District Council - Technical Support Unit	June 2020	As notified
Chichester District Council	June 2020	As notified
South Downs National Park	June 2020	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	December 2017	Bi-Annually
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
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	[redacted]
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	
3	**Arun District Council - Environmental Health Department** Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	
4	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	
6	**Arun District Council - Technical Support Unit** Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	
7	**West Sussex County Council - Environment & Development** County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	
8	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	
9	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	

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

Appendix D Site Sensitivity Maps

Geology 1:10,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Holocene - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Unknown/Unclassified Entry	Not Supplied - Not Supplied
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Pleistocene
	ALV	Alluvium	Clay, Silt and Sand	Flandrian - Pleistocene
	RTDU	River Terrace Deposits (Undifferentiated)	Silt	Quaternary - Ryazanian
	HEAD	Head	Gravel, Sand, Silt and Clay	Quaternary - Ryazanian
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Ryazanian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand, Silt and Clay	Quaternary - Ryazanian
	RBD1	Raised Beach Deposits, 1	Sand and Gravel	Quaternary - Ryazanian
	RSB2	Raised Storm Beach Deposits, 2	Gravel	Quaternary - Ryazanian
	RBD2	RAISED BEACH DEPOSITS, 2	Sand and Gravel	Quaternary - Ryazanian
	RMD	Raised Marine Deposits	Clay, Silty [Unlithified Deposits Coding Scheme]	Quaternary - Ryazanian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Eocene - Eocene
	LMBE	Lambeth Group	Clay	Paleocene - Paleocene
	TACH	Tarrant Chalk Member	Chalk	Campanian - Campanian

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Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

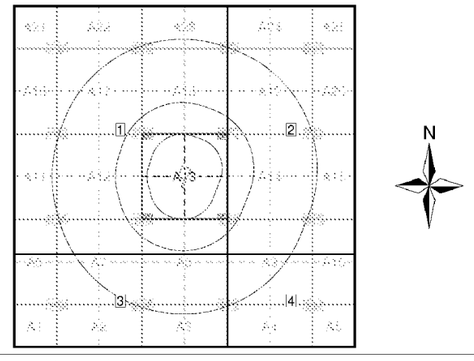
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:	2	**Map ID:**	3
Map Name:	SU90NE	**Map Name:**	SU90SW
Map Date:	1991	**Map Date:**	1987
Bedrock Geology:	Available	**Bedrock Geology:**	Available
Superficial Geology:	Available	**Superficial Geology:**	Available
Artificial Geology:	Available	**Artificial Geology:**	Available
Faults:	Not Supplied	**Faults:**	Not Supplied
Landslip:	Available	**Landslip:**	Not Available
Rock Segments:	Not Supplied	**Rock Segments:**	Not Supplied
Map ID:	4	**Map ID:**	1
Map Name:	SU90SE	**Map Name:**	SU90NW
Map Date:	1987	**Map Date:**	1995
Bedrock Geology:	Available	**Bedrock Geology:**	Available
Superficial Geology:	Available	**Superficial Geology:**	Available
Artificial Geology:	Not Available	**Artificial Geology:**	Available
Faults:	Not Supplied	**Faults:**	Not Supplied
Landslip:	Not Available	**Landslip:**	Not Available
Rock Segments:	Not Supplied	**Rock Segments:**	Not Supplied

Geology 1:10,000 Maps - Slice A

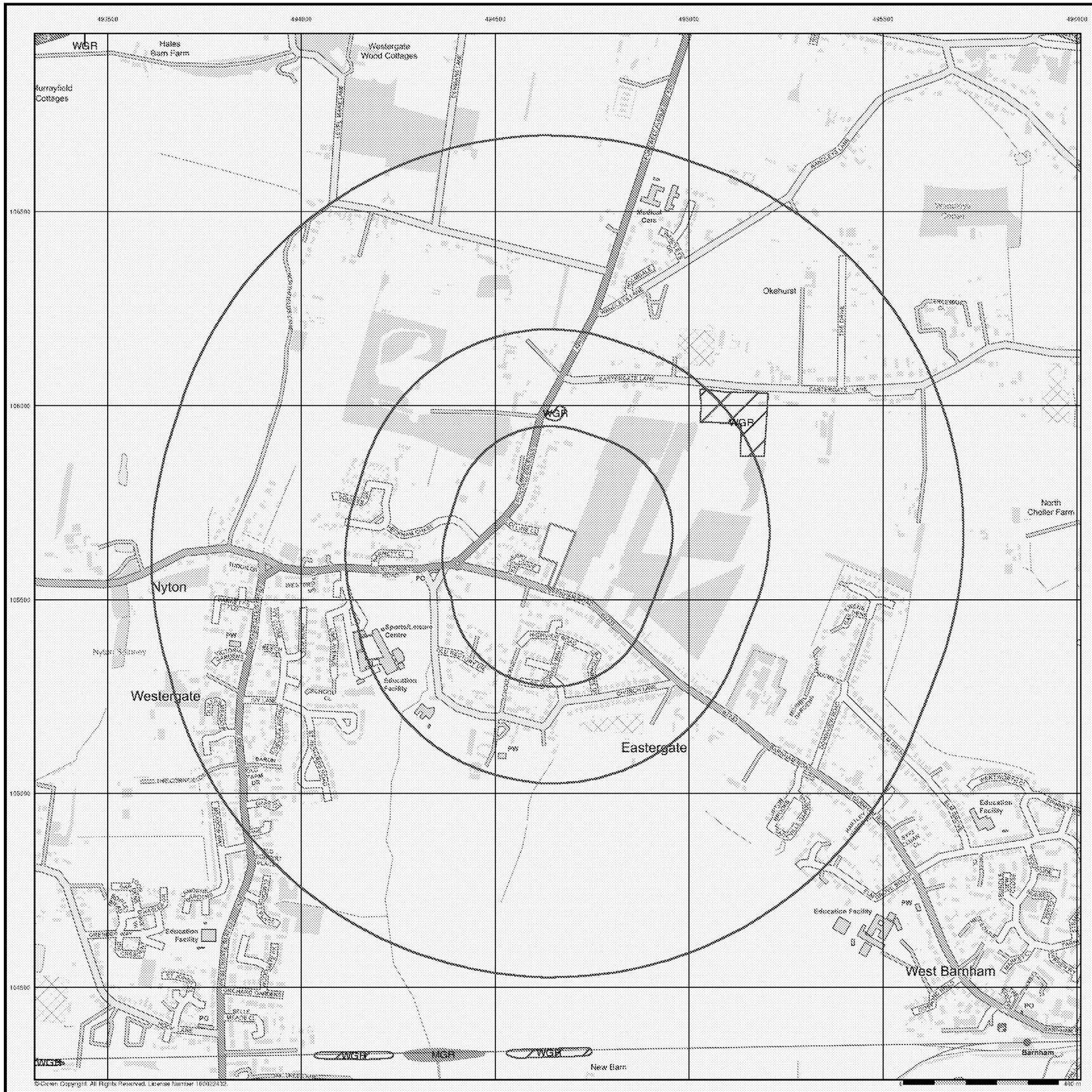


Order Details

Order Number: 274407724_1_1
Customer Ref: 19023
National Grid Reference: 494660, 105620
Slice: A
Site Area (Ha): 0.73
Search Buffer (m): 1000

Site Details

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Artificial Ground and Landslip

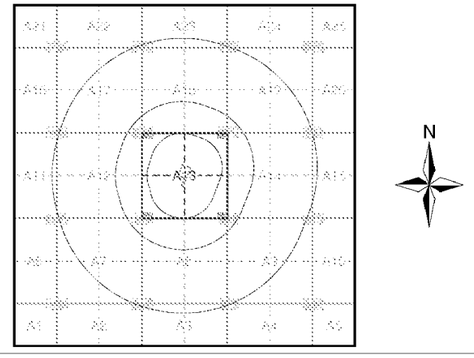
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

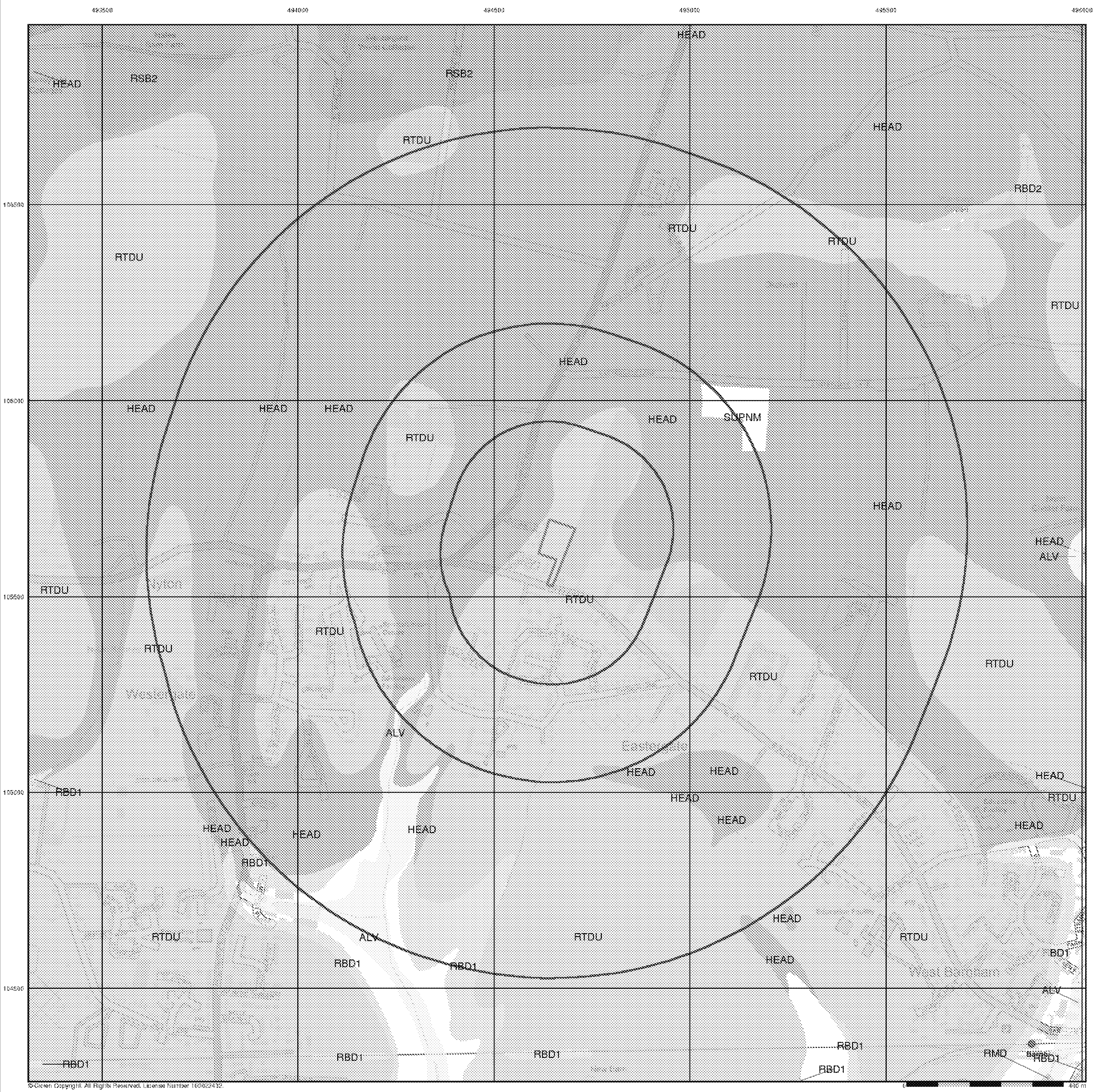
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National Grid Reference:	494660, 105620
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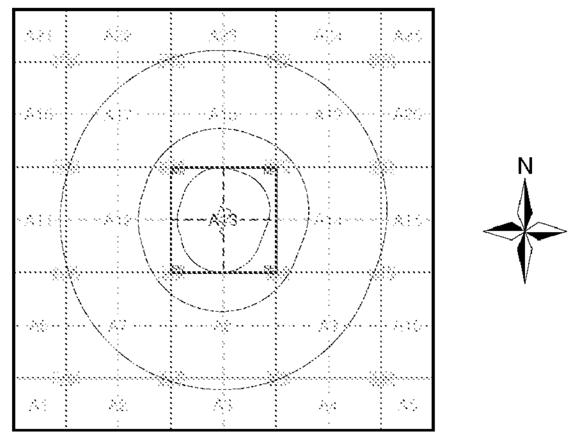
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, 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



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Bedrock and Faults

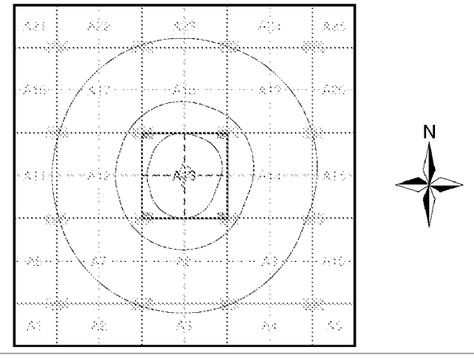
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A



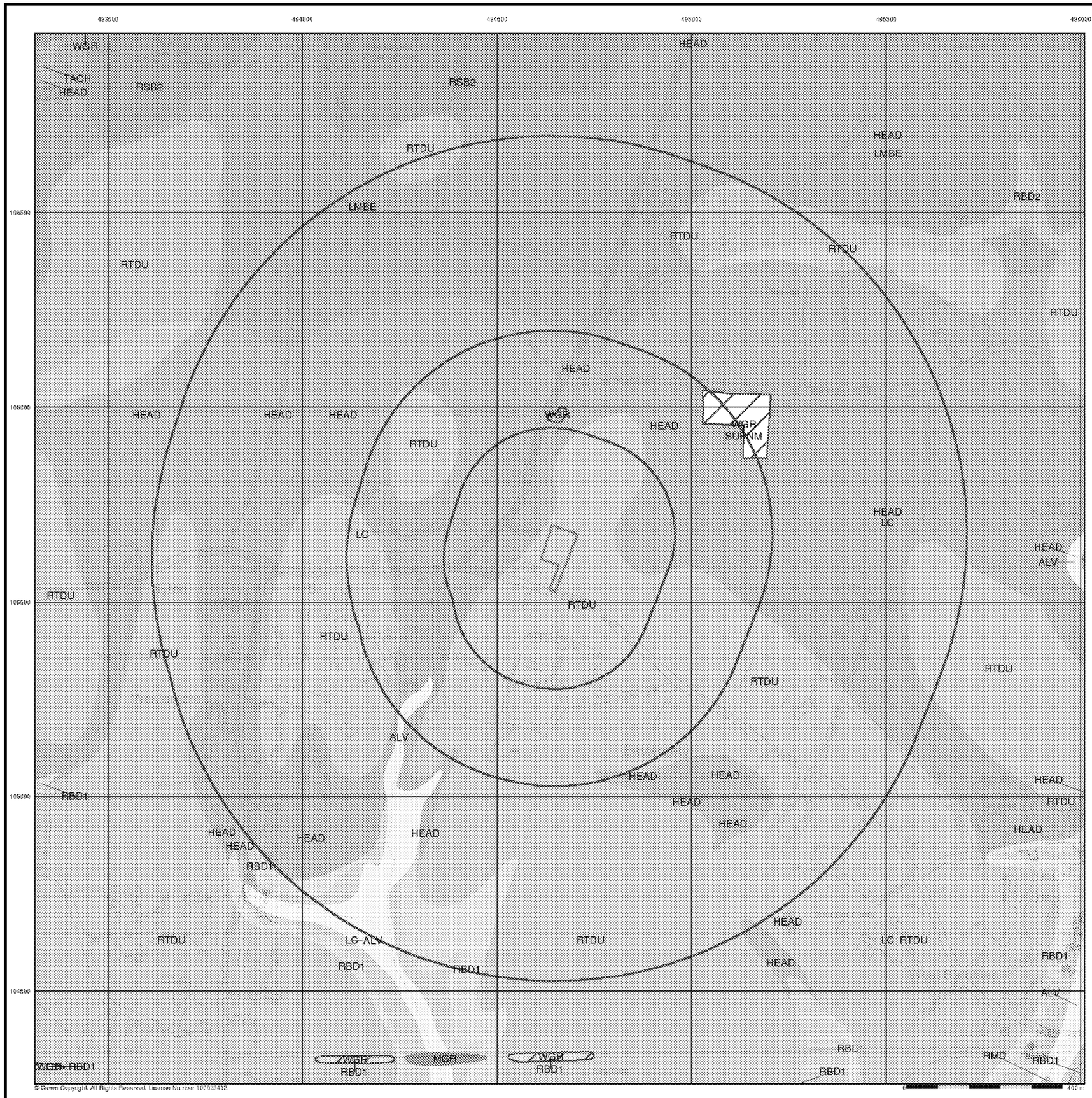
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Combined Surface Geology

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.

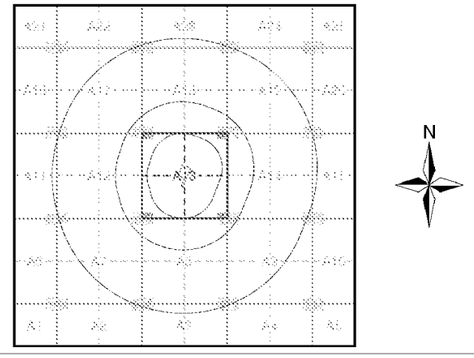
Additional Information

More information on 1:10,000 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:	274407724_1_1
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National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
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Groundwater Vulnerability

General

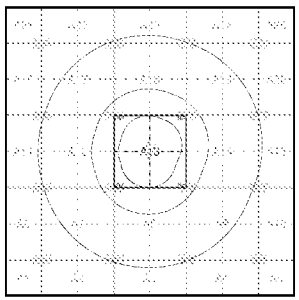
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

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

Unproductive Aquifer
Soluble Rock

Site Sensitivity Context Map - Slice A



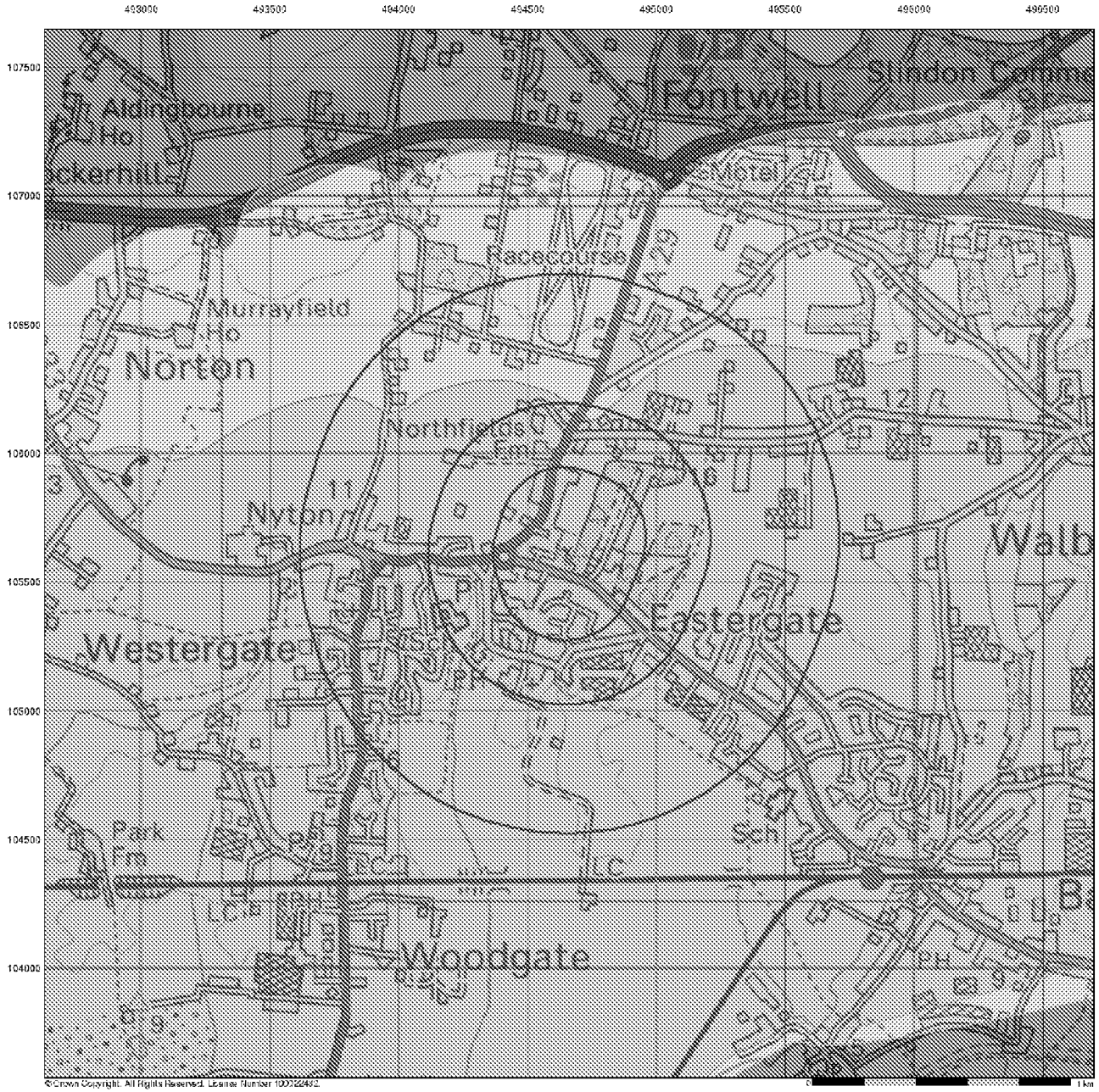
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Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
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Bedrock Aquifer Designation

General

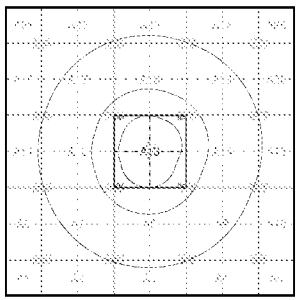
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



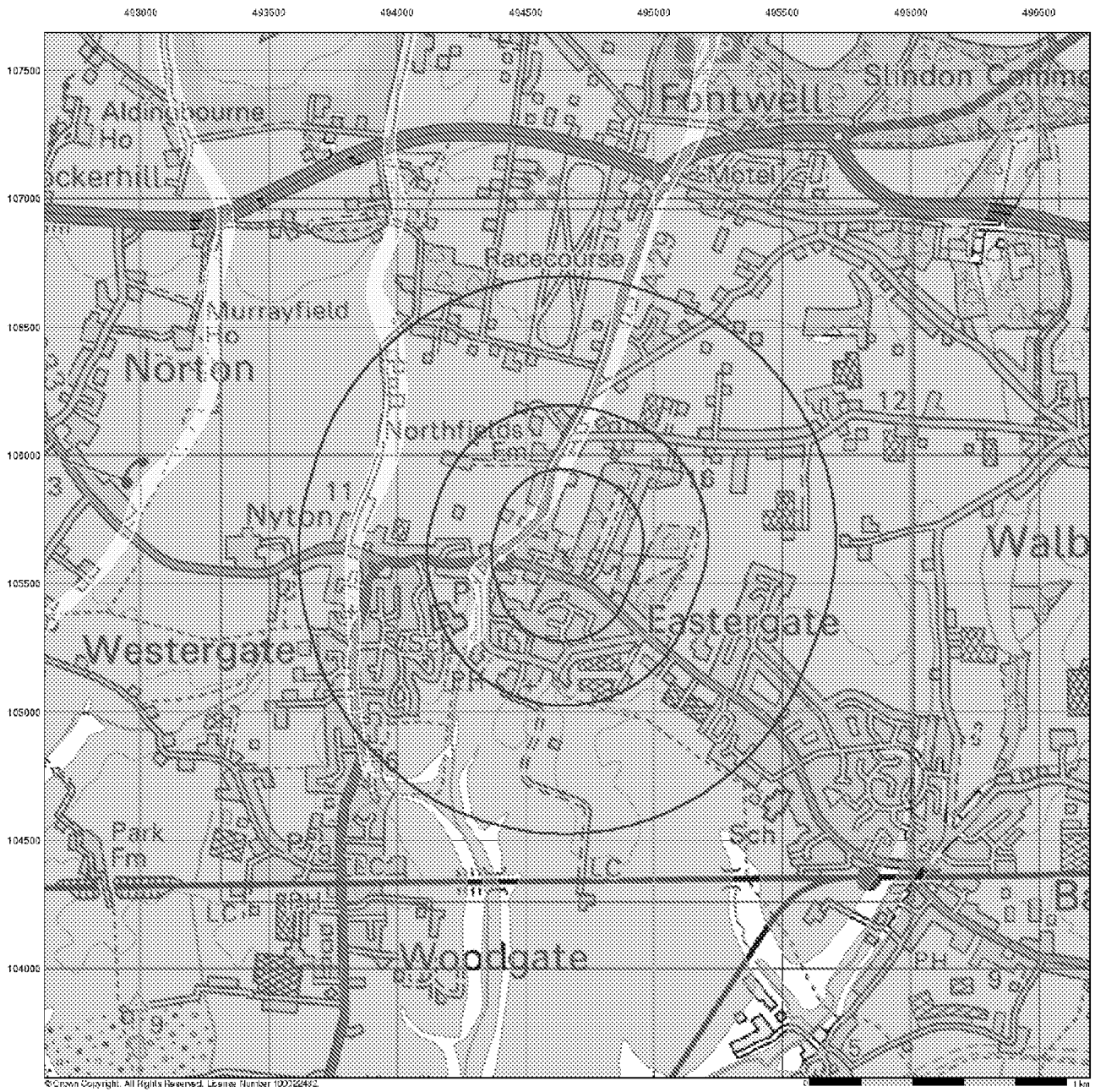
Order Details

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Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

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Superficial Aquifer Designation

General

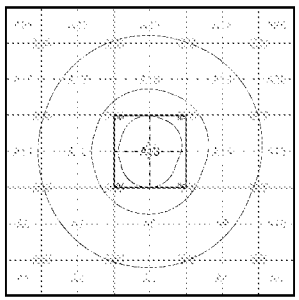
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



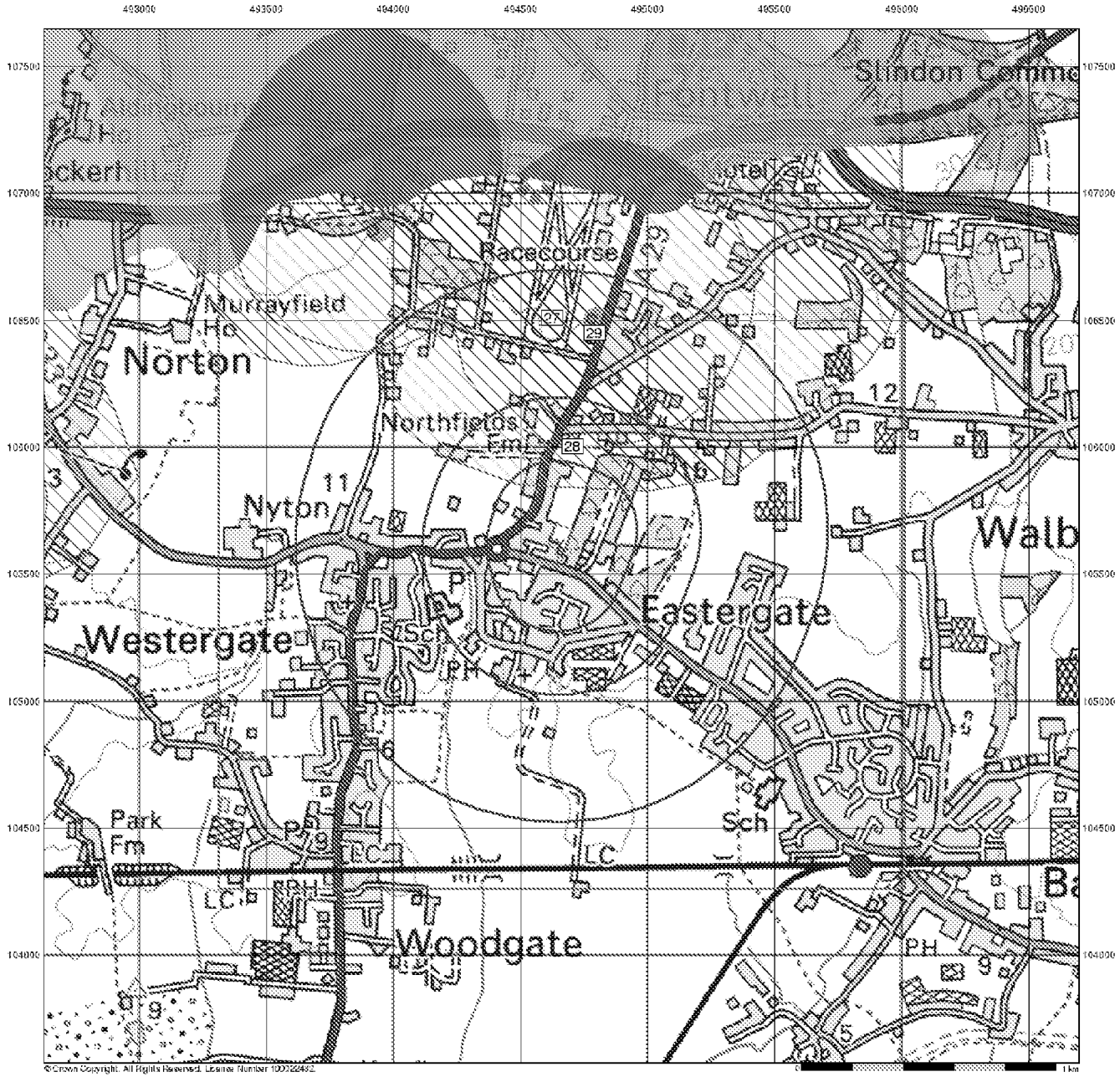
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Source Protection Zones

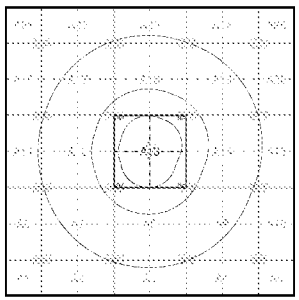
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



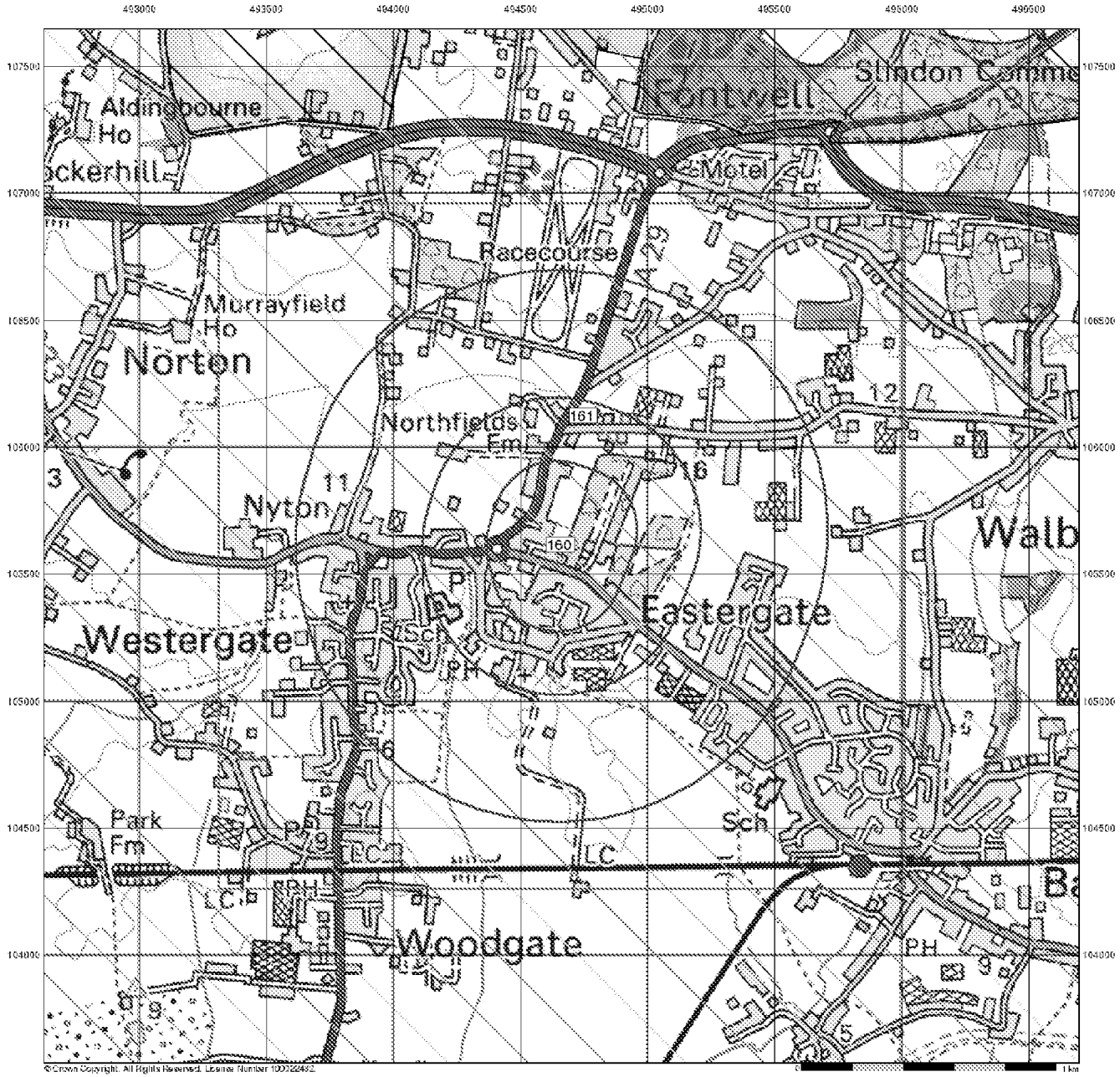
Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

The Croft, Barnham Road, Eastergate, CHICHESTER, PO20 3RP

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Sensitive Land Uses

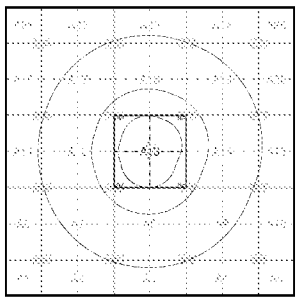
General

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



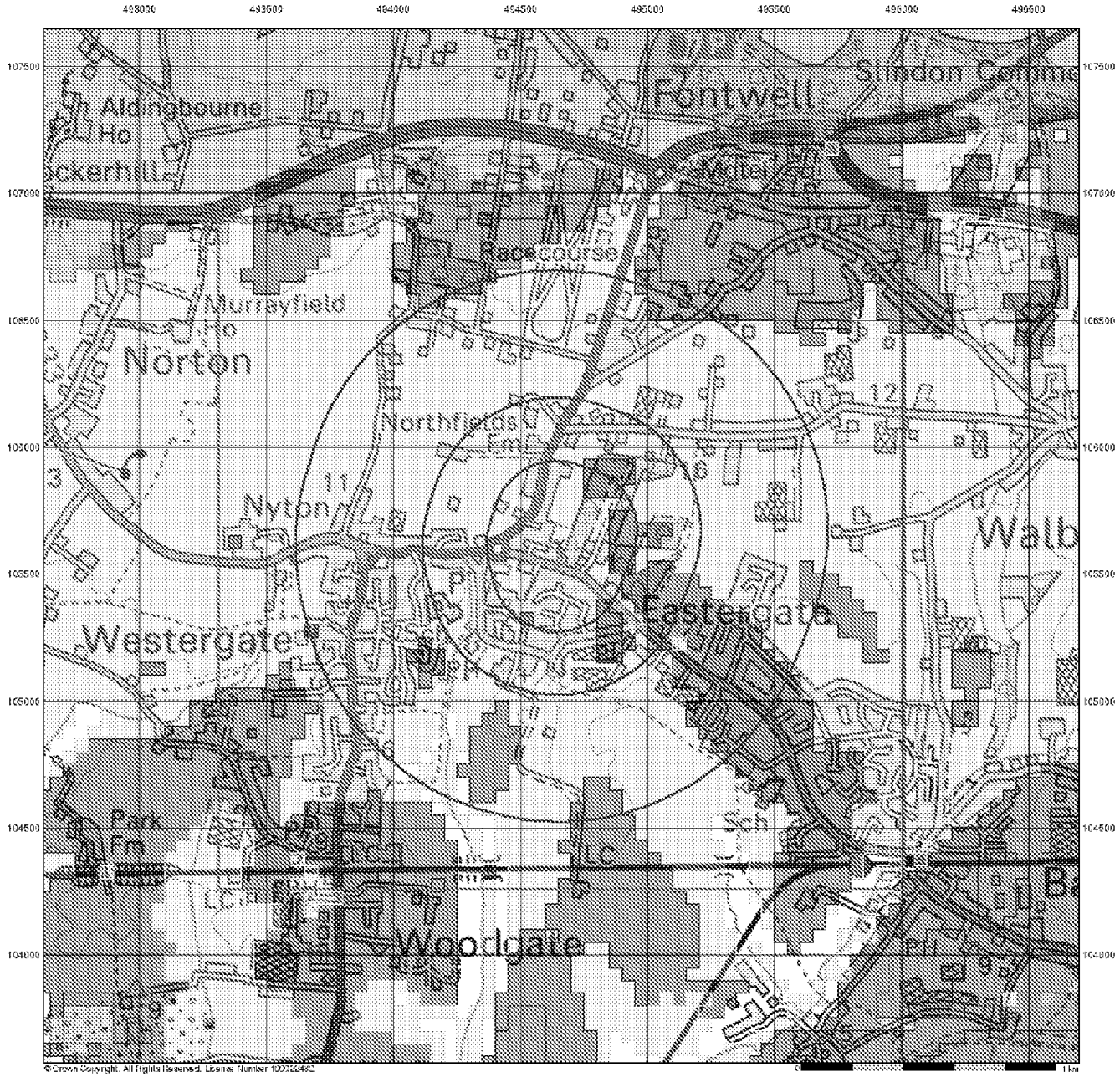
Order Details

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BGS Flood GFS Data

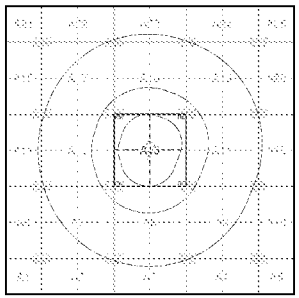
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

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National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

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Historical Land Use Information (1:10,000)

General

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts	◊	·····	
Disturbed Ground	◆	·····	▨
General Quarrying	◆	·····	▨
Heap, unknown constituents	◆	·····	▨
Mineral Railway	◊	·····	
Mining and Quarrying General	◆	·····	▨
Mining of Coal & Lignite	◆	·····	▨
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits	◆	·····	▨

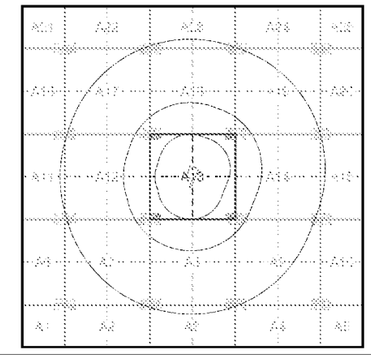
Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)	●	~~~	▩
Potentially Infilled Land (Water)	●	~~~	▩
Former Marsh	✠		

Mining Data

Potential Mining Area
BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



Order Details

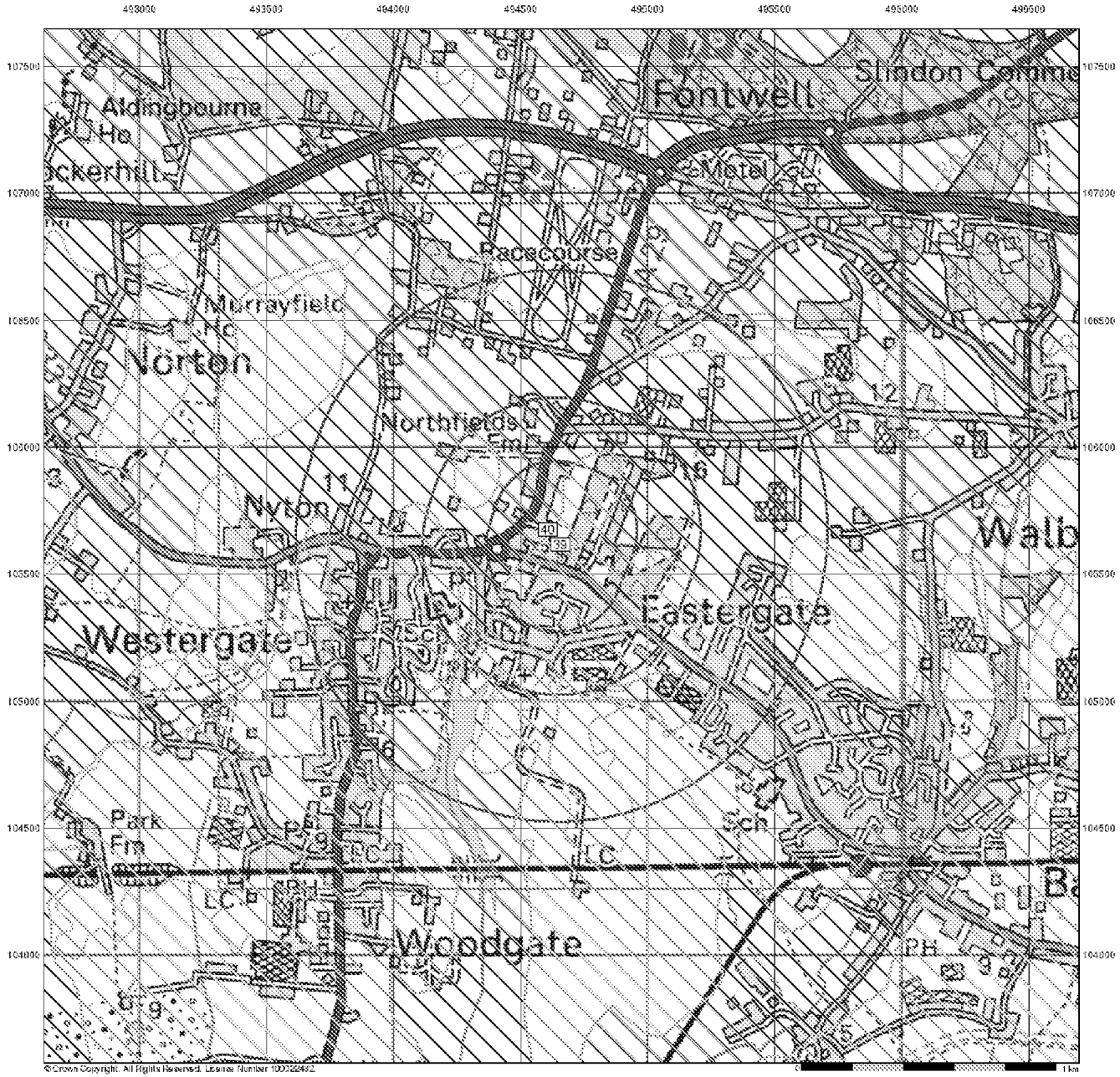
Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

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Ground Stability Data (1:50,000)

General

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

Potential for Compressible Ground Stability Hazards

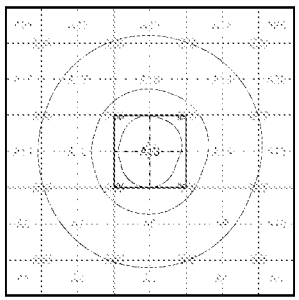
High | Low | Moderate | Very Low

Potential for Collapsible Ground Stability Hazards

High | Low | Moderate | Very Low

Brine Pumping and Salt Mining	Point	Polygon
Brine Pumping Related Feature		
Salt Mining Related Feature		

Mining and Ground Stability - Slice A



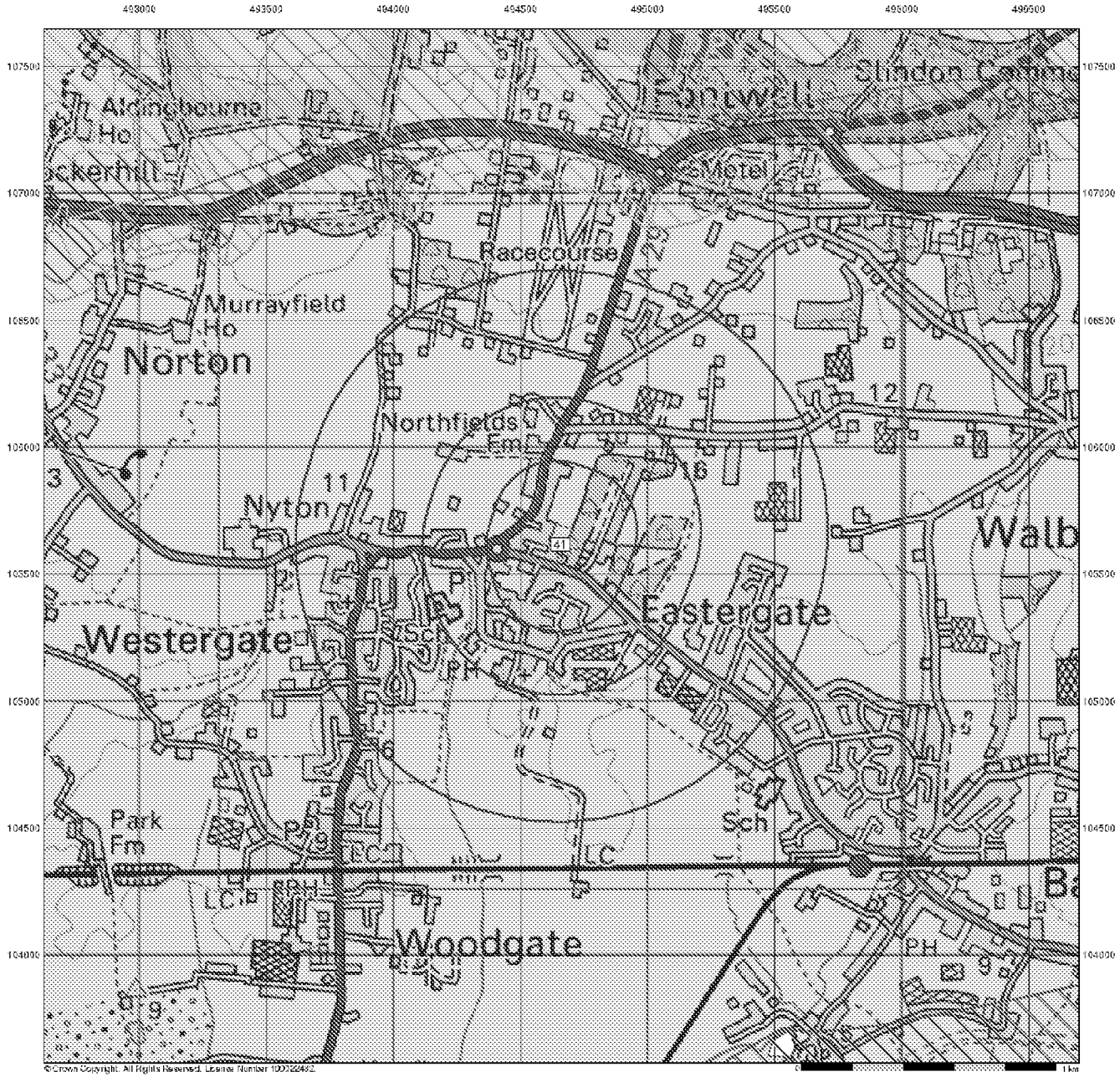
Order Details

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Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

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Ground Stability Data (1:50,000)

General

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

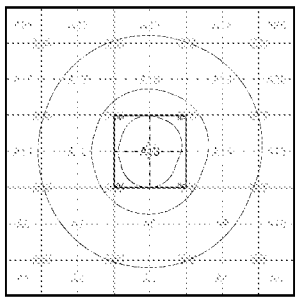
Potential for Landslide Ground Stability Hazards

High | Low
Moderate | Very Low

Potential for Ground Dissolution Stability Hazards

High | Low
Moderate | Very Low

Mining and Ground Stability - Slice A



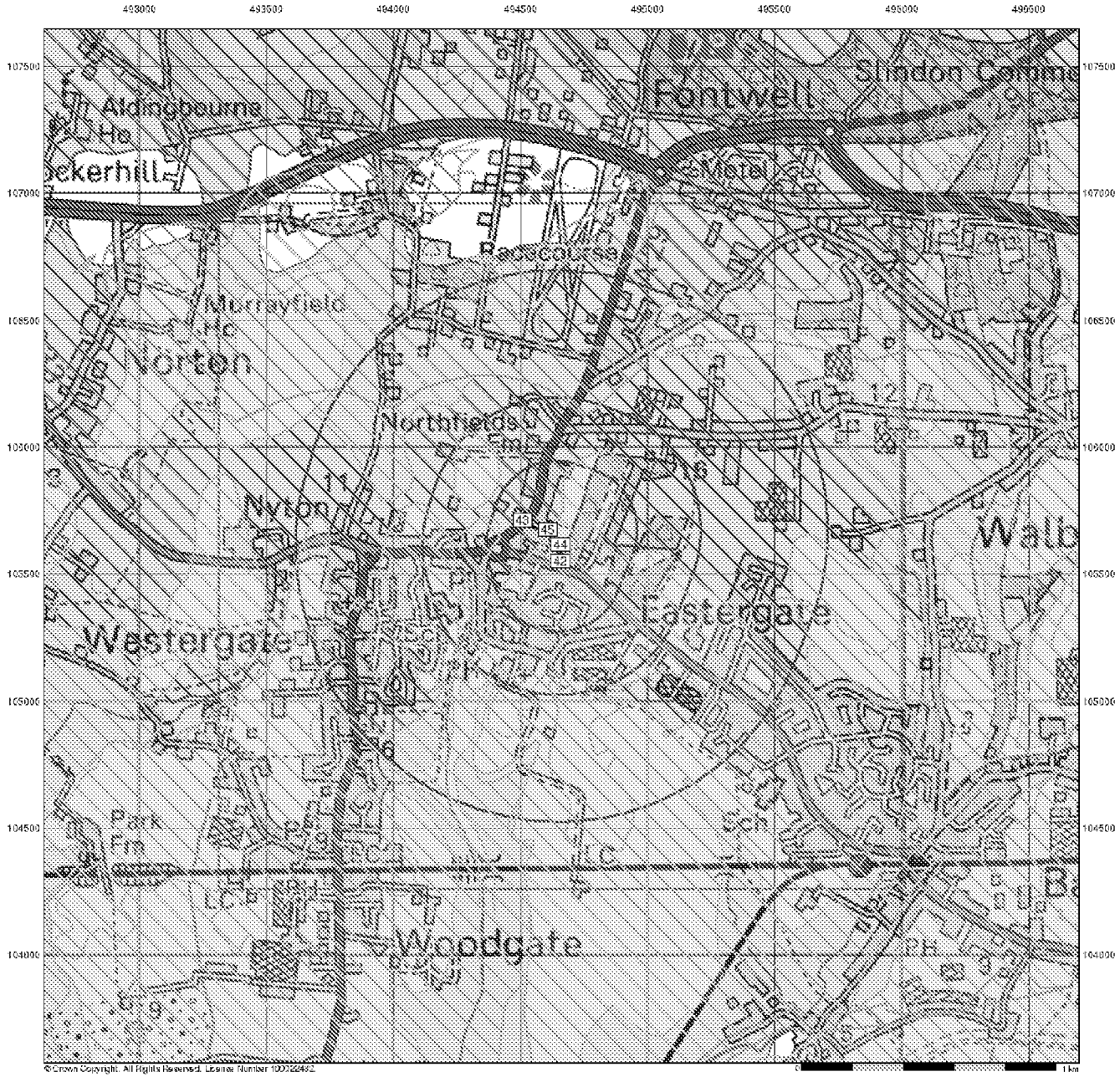
Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

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Ground Stability Data (1:50,000)

General

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

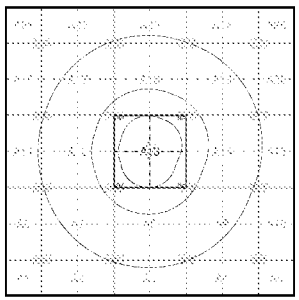
Potential for Running Sand Ground Stability Hazards

High | Low | Moderate | Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

High | Low | Moderate | Very Low

Mining and Ground Stability - Slice A



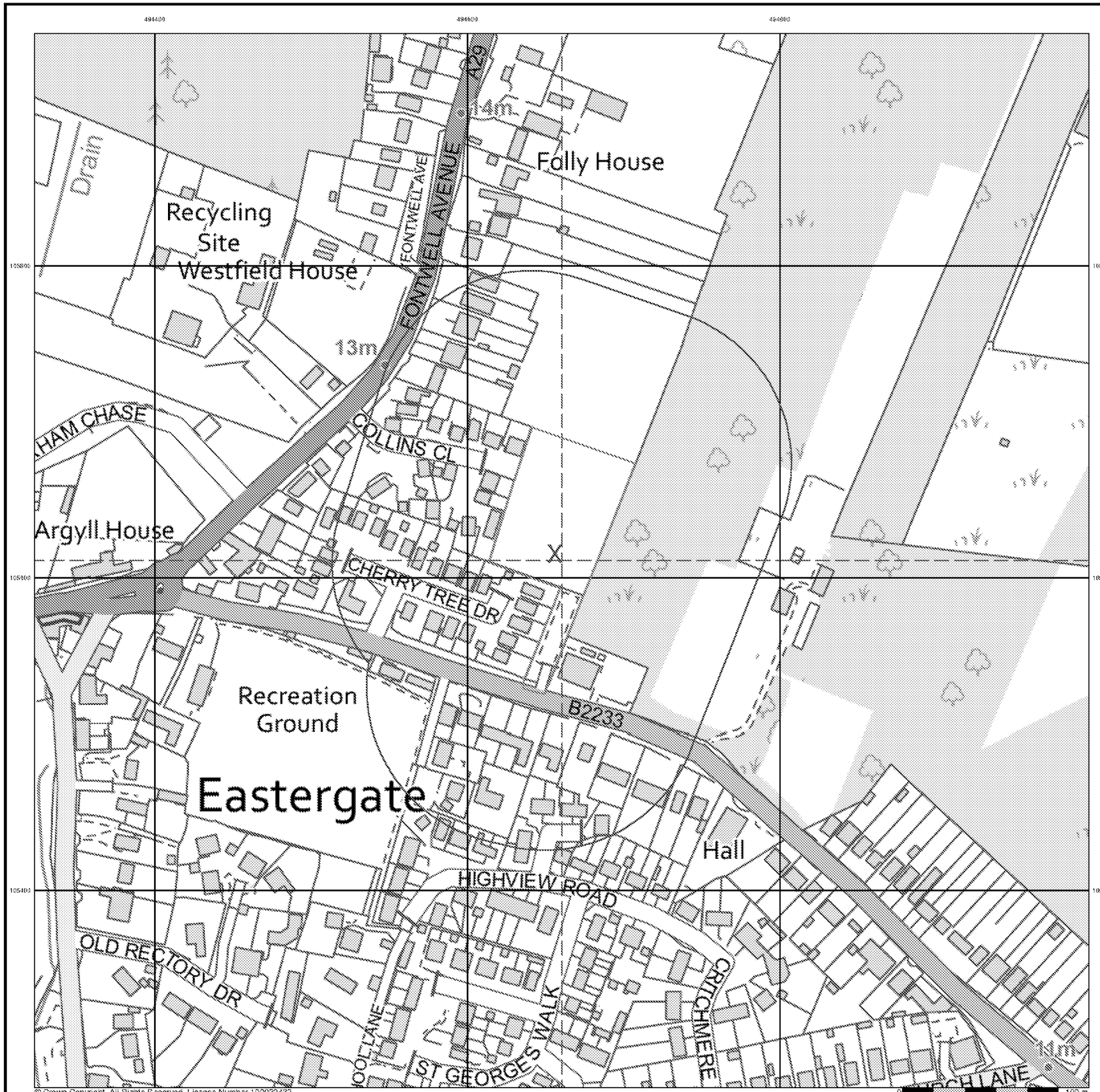
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Site Details

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Historical Land Use Information (1:2,500)

General

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

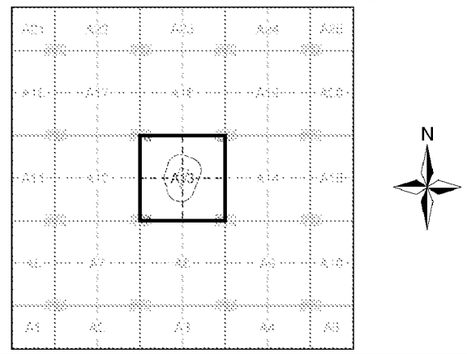
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	——	▭
Extractive Industries Activity from 1893 - 1915	▲	——	▭
Extractive Industries Activity from 1906 - 1937	▲	——	▭
Extractive Industries Activity from 1924 - 1949	▲	——	▭
Extractive Industries Activity from 1950 - 1980	▲	——	▭

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	~~~	▭

Mining and Ground Stability - Segment A13



Order Details

Order Number:	274407724_1_1
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National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Plot Buffer (m):	100

Site Details

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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
	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
	RTDU	River Terrace Deposits (Undifferentiated)	Sand, Silt and Clay	Not Supplied - Quaternary
	HEAD	Head	Gravel, Sand, Silt and Clay	Not Supplied - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RBD1	Raised Beach Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	RSB2	Raised Storm Beach Deposits, 2	Gravel	Not Supplied - Quaternary
	RMD	Raised Marine Deposits	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RBD2	Raised Beach Deposits, 2	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	LMBE	Lambeth Group	Clay, Silt and Sand	Not Supplied - Thanetian
	LPCK	Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation (Undifferentiated)	Chalk	Not Supplied - Turonian

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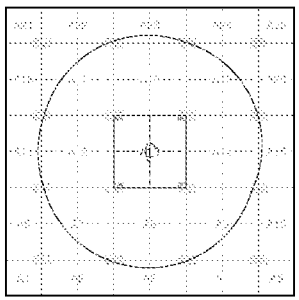
Geology 1:50,000 Maps

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:	317
Map Name:	Chichester and I
Map Date:	1996
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



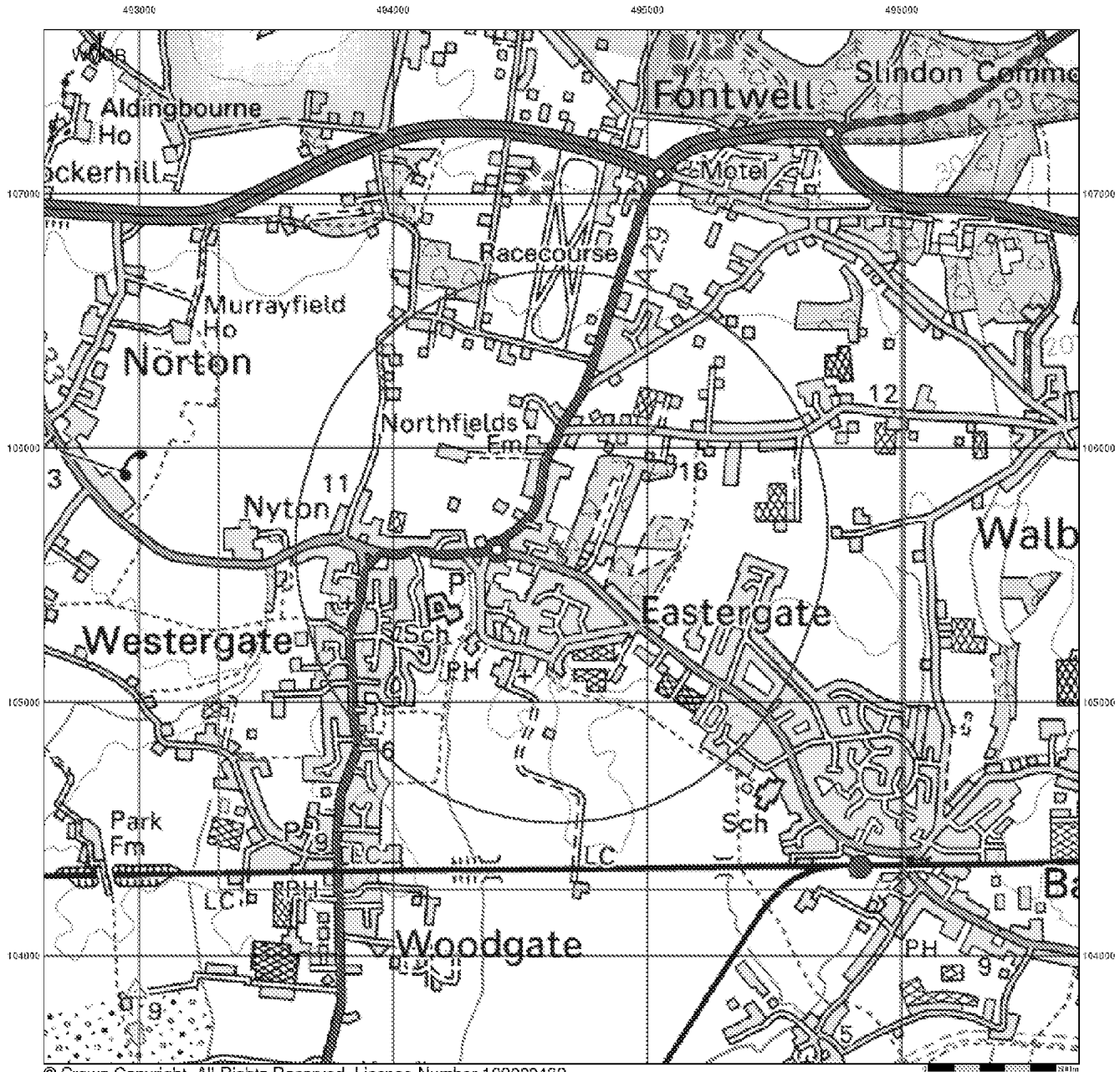
Order Details:

Order Number:	274407724_1_1
Customer Reference:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details:

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Artificial Ground and Landslip

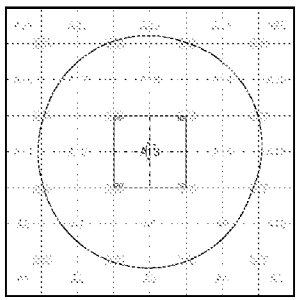
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



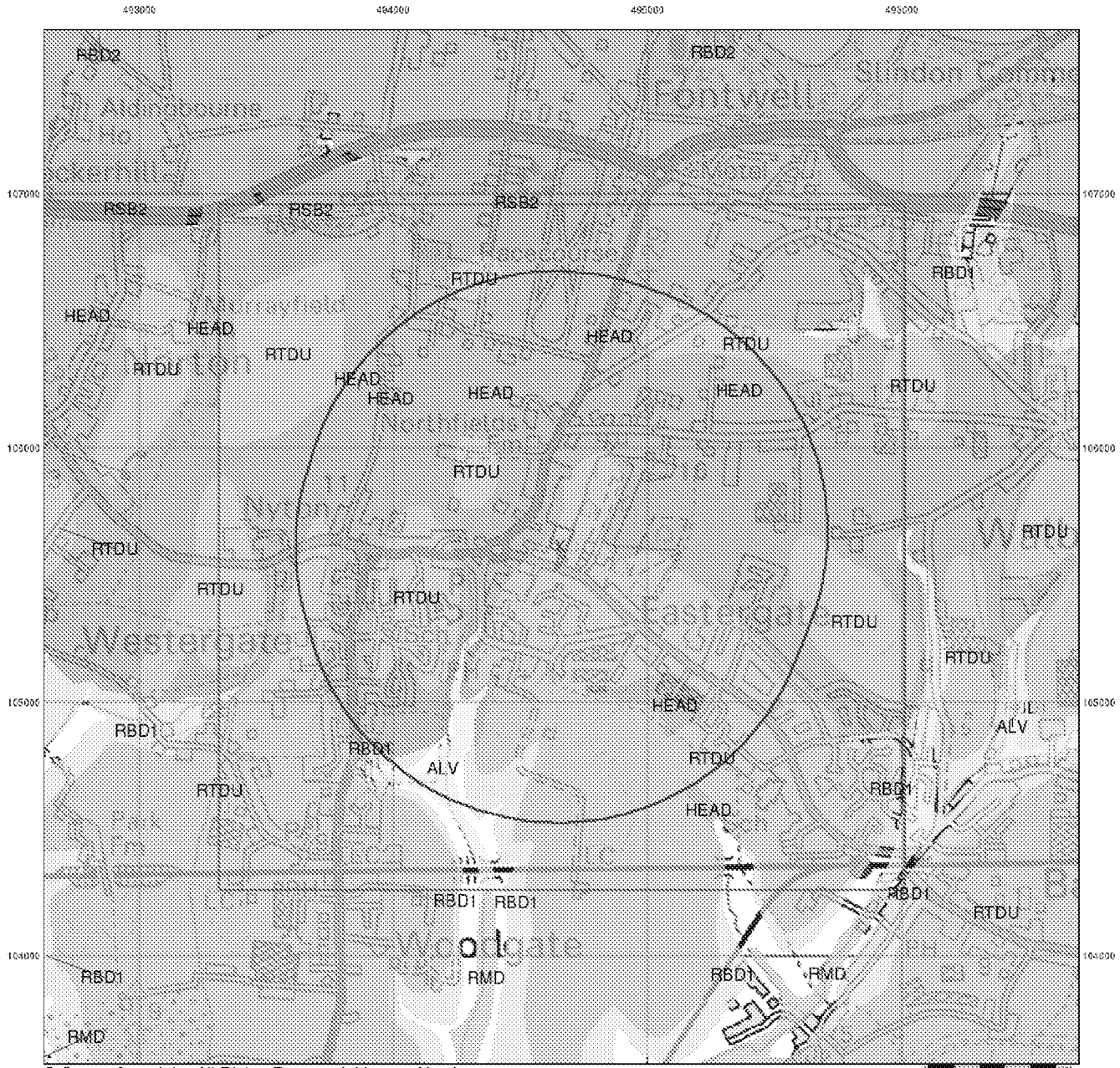
Order Details:

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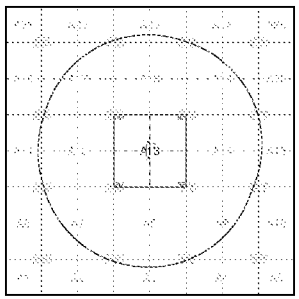
Superficial Geology

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



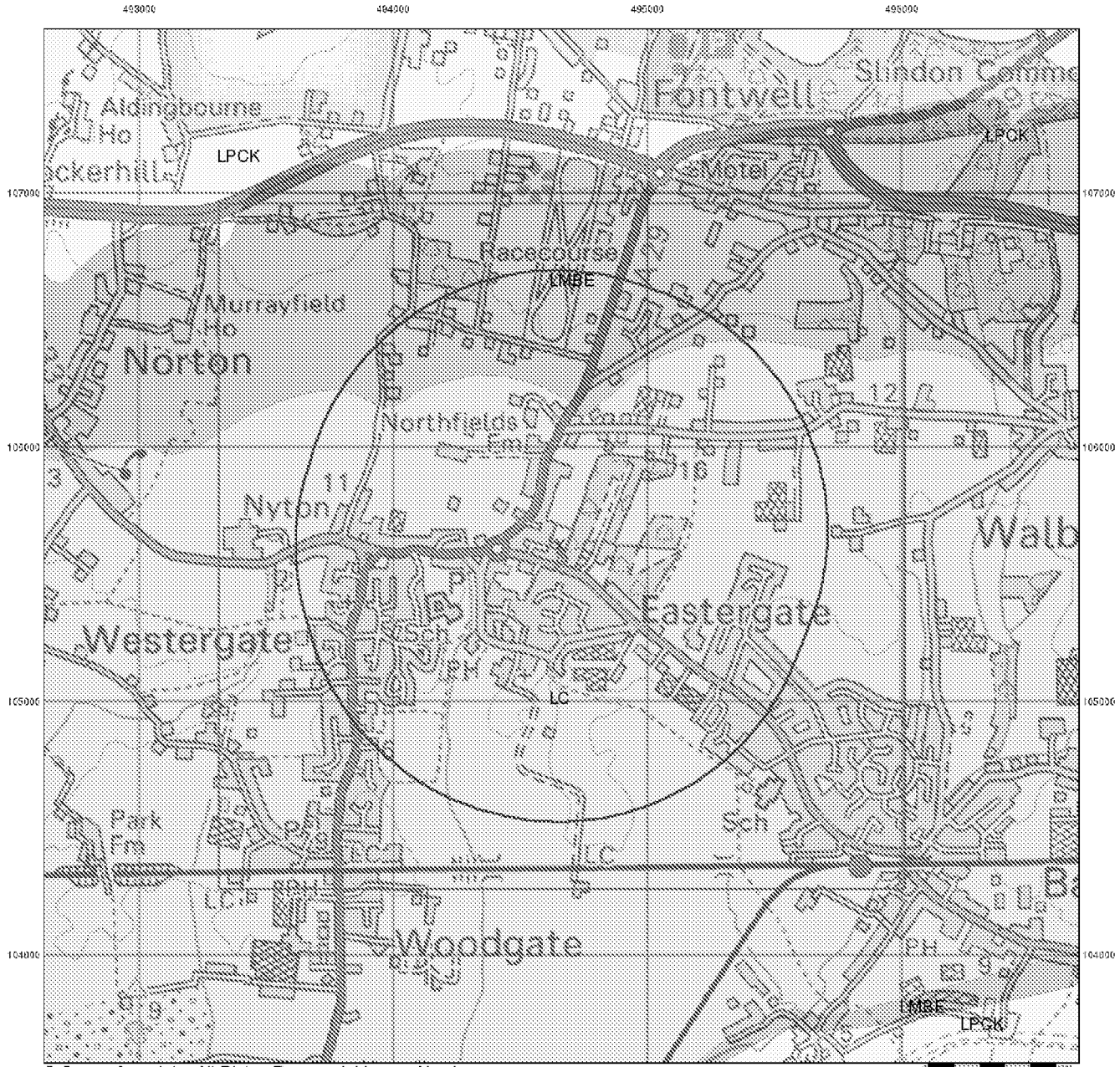
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Bedrock and Faults

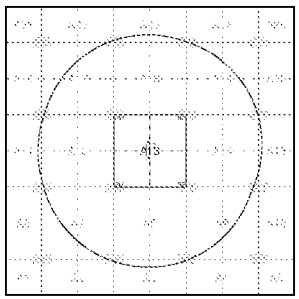
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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



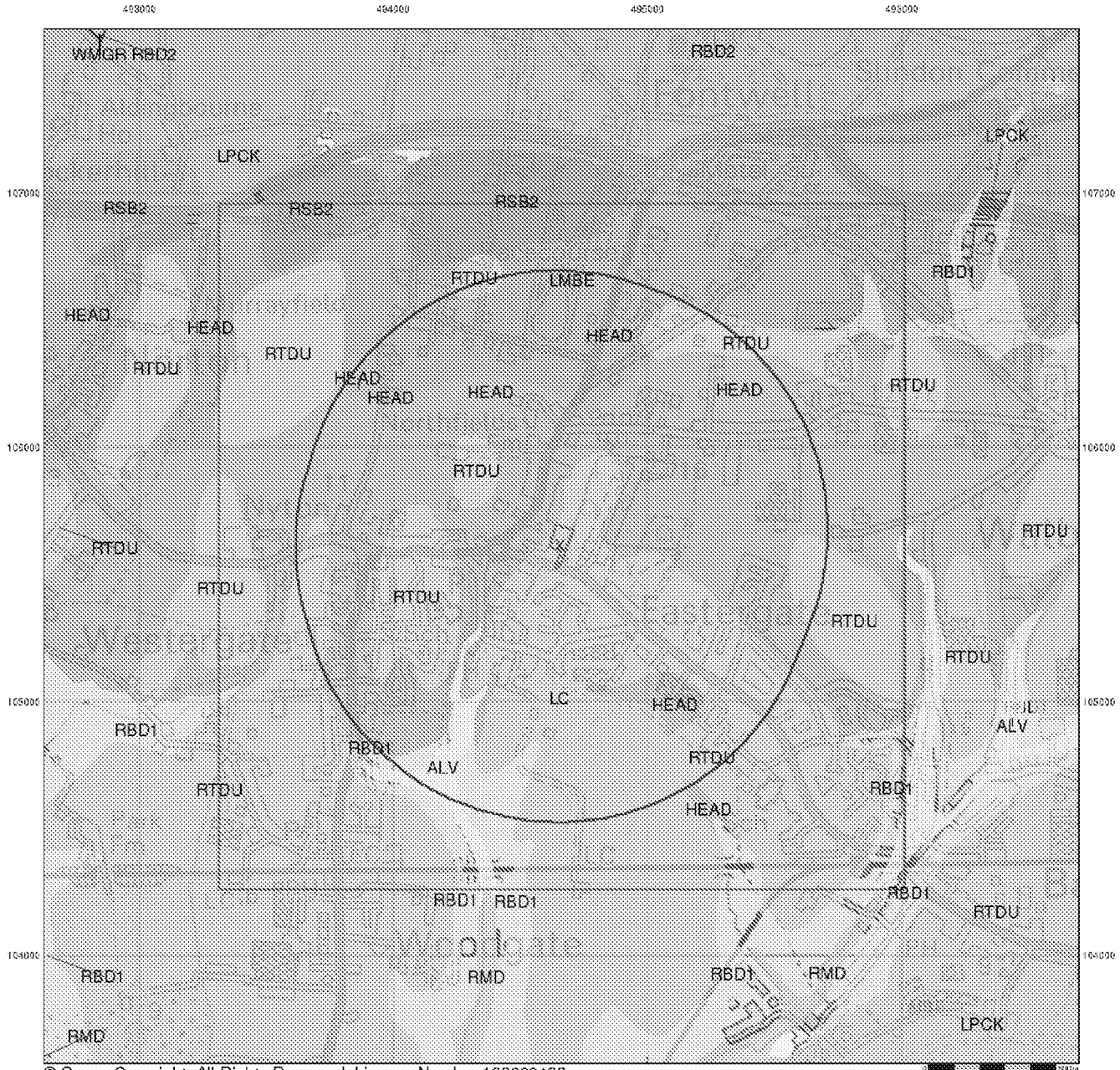
Order Details:

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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.

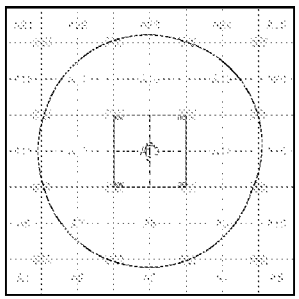
Additional Information

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

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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:

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Slice:	A
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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
- 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

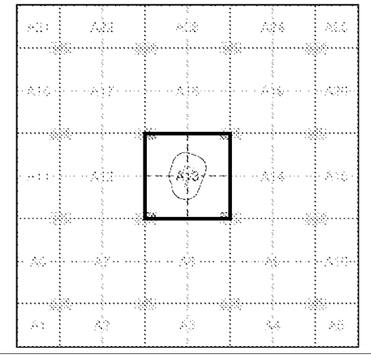
Geological

- 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)
- 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

Site Sensitivity Map - Segment A13



Order Details

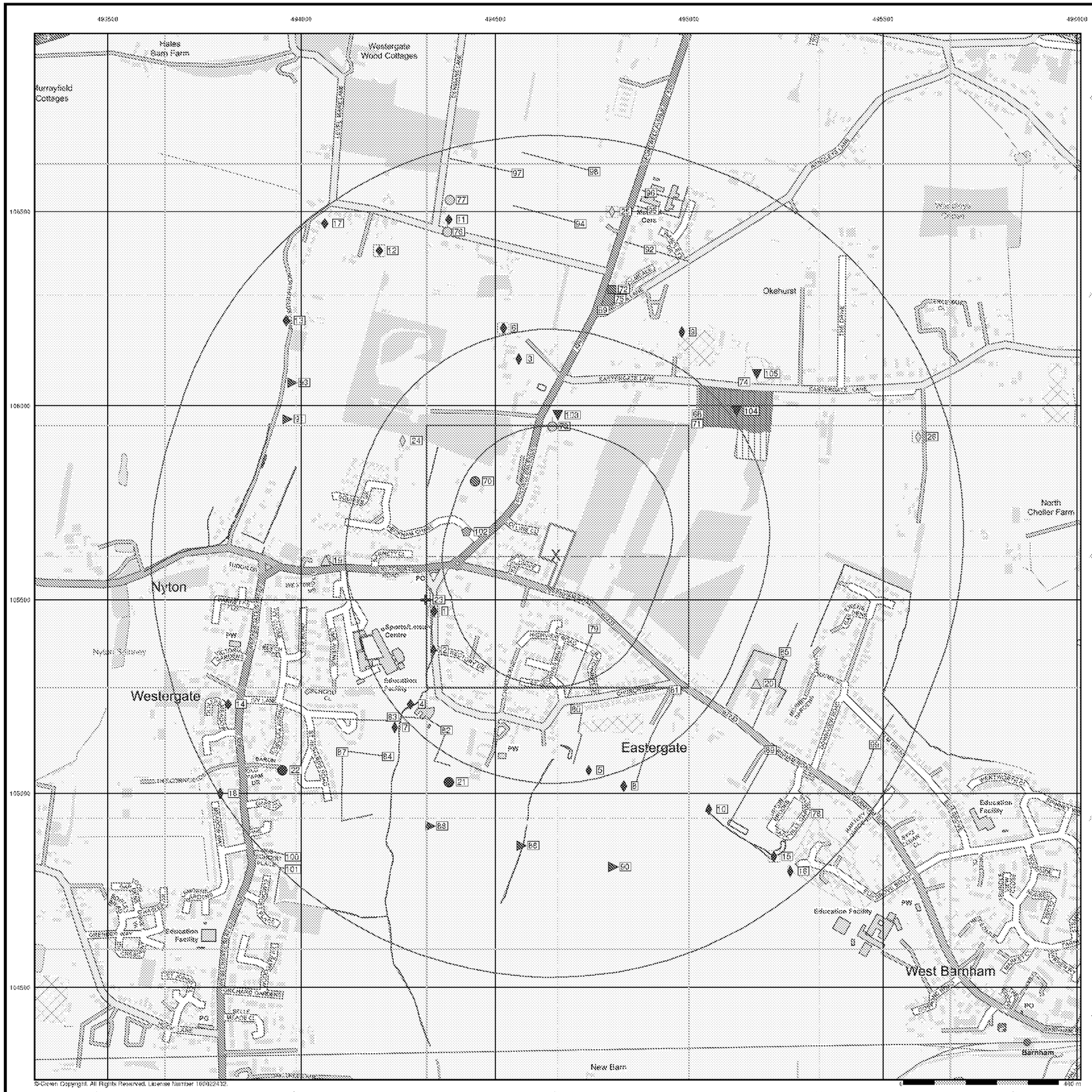
Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Plot Buffer (m):	100

Site Details

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General

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

Agency and Hydrological

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

Hazardous Substances

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

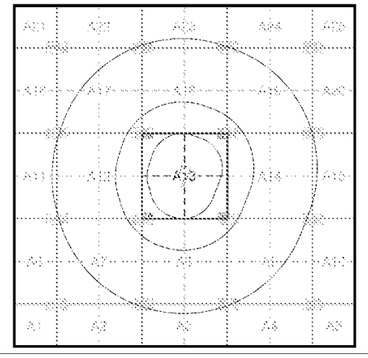
Geological

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)
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

Site Sensitivity Map - Slice A



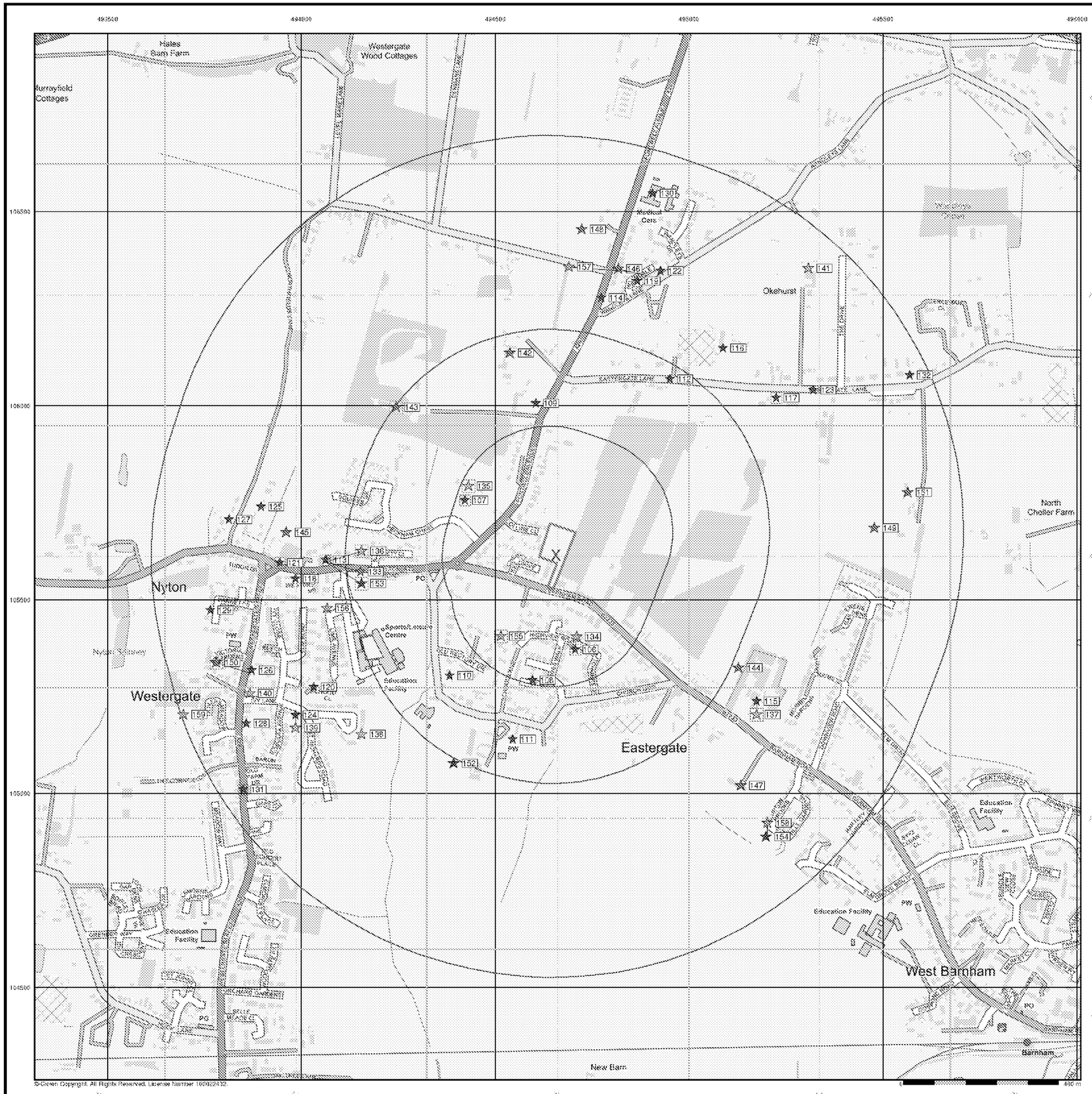
Order Details

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Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

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0 400 m

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Industrial Land Use Map

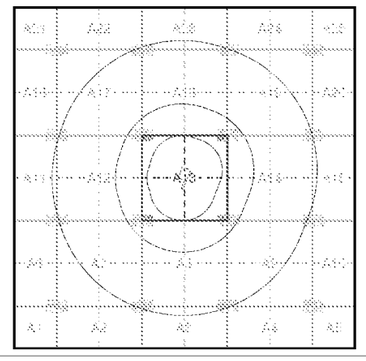
General

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



N

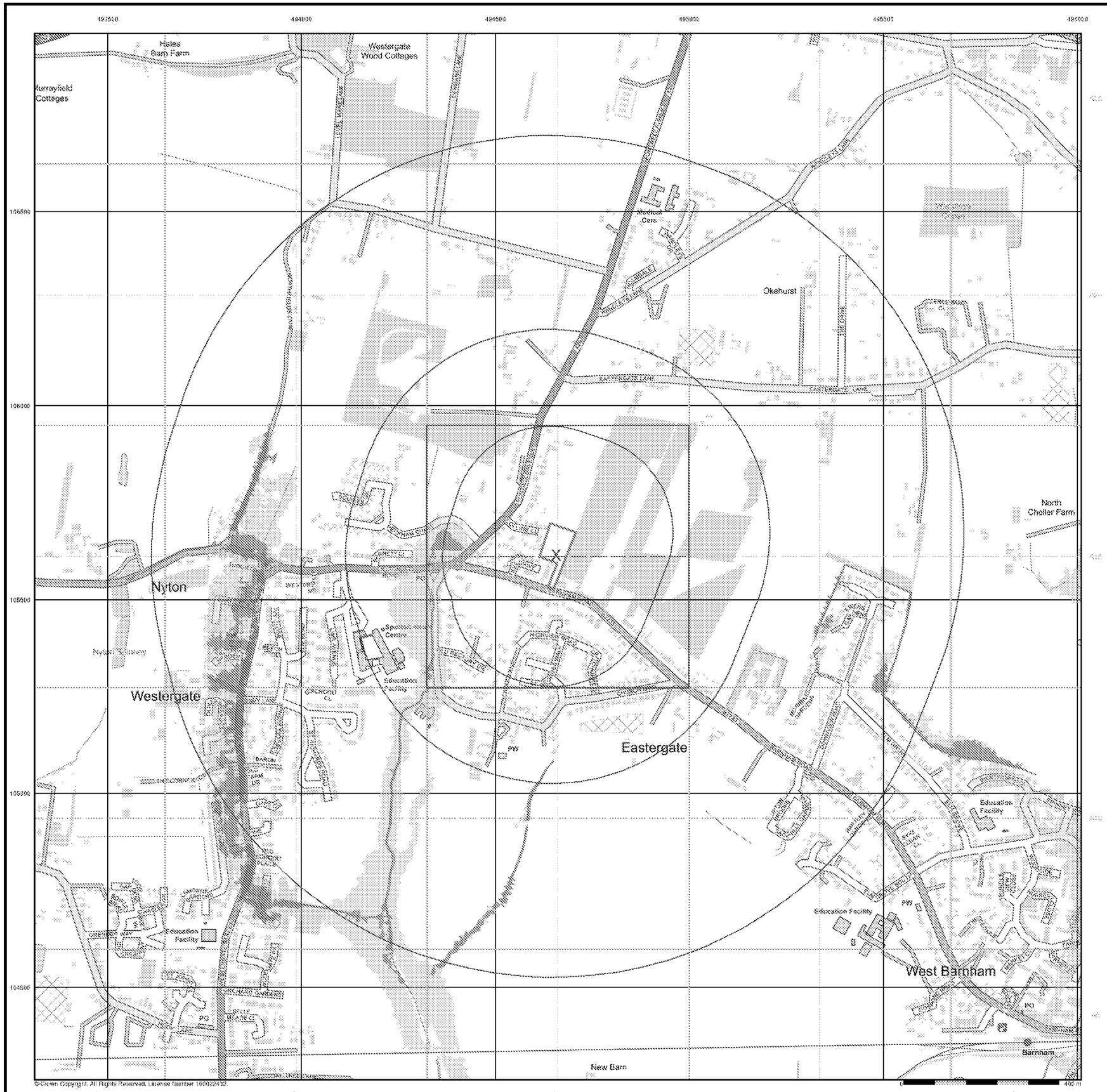
Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

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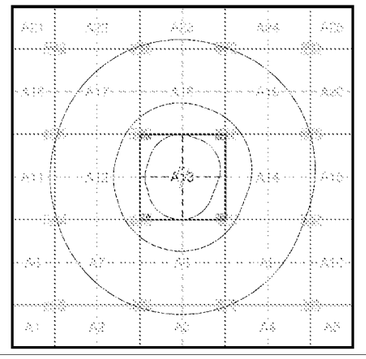
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A



N

Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

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General

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

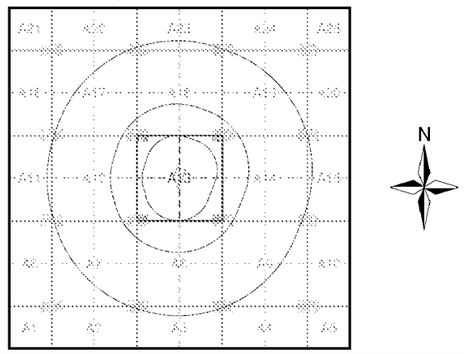
Agency and Hydrological (Boreholes)

- 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



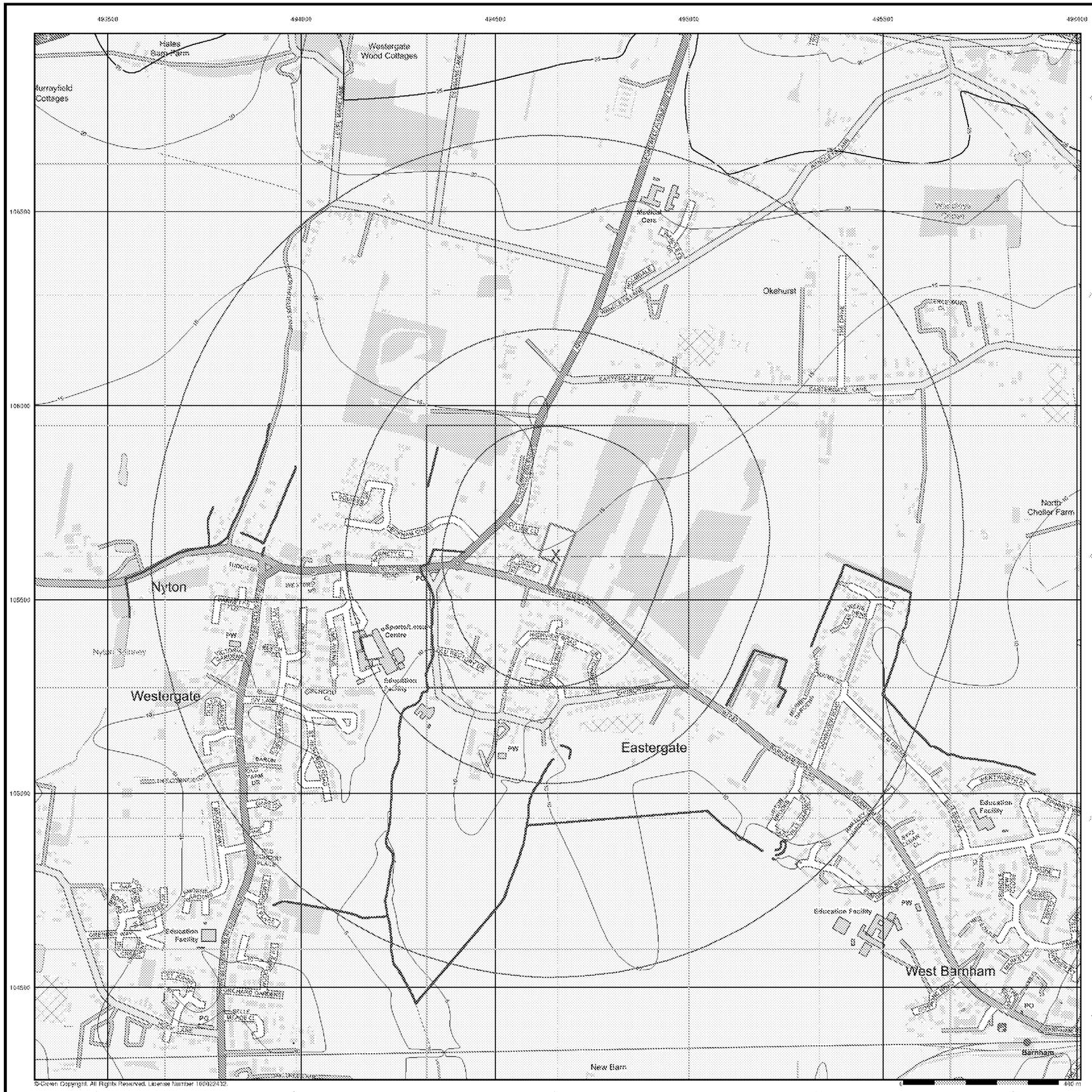
Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

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General

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

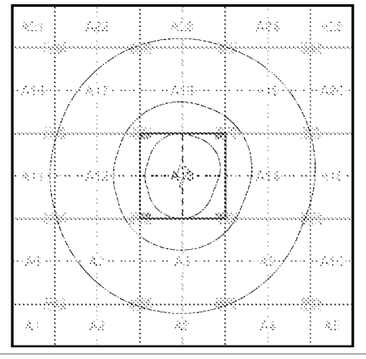
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



N

Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

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General

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

Risk of Flooding from Surface Water

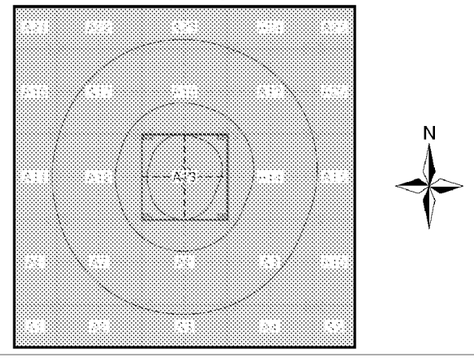
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



Order Details

Order Number:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

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General

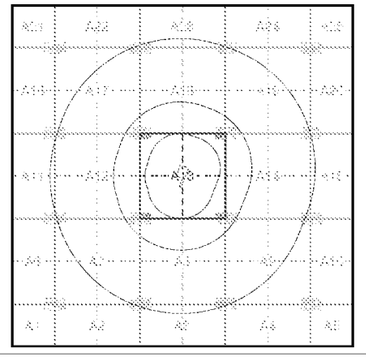
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

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General

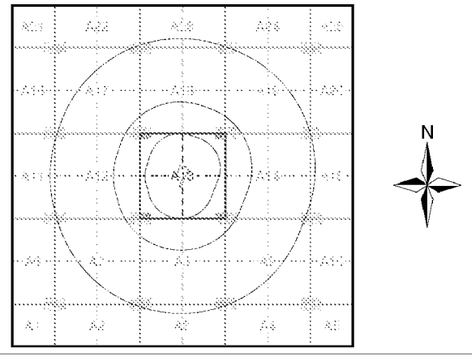
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

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General

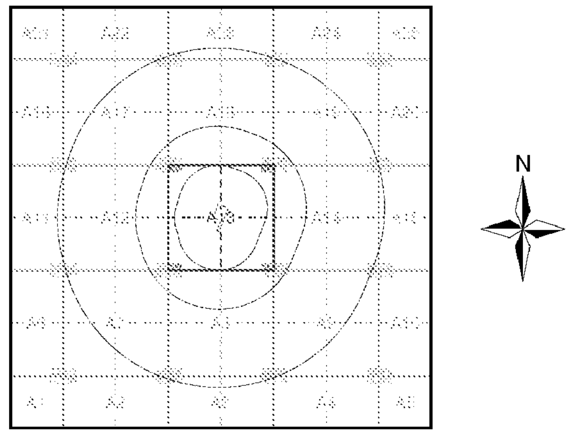
Specified Site — Specified Buffer(s) — X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 274407724_1_1
Customer Ref: 19023
National Grid Reference: 494660, 105620
Slice: A
Site Area (Ha): 0.73
Search Buffer (m): 1000

Site Details

The Croft, Barnham Road, Eastergate, CHICHESTER, PO20 3RP

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General

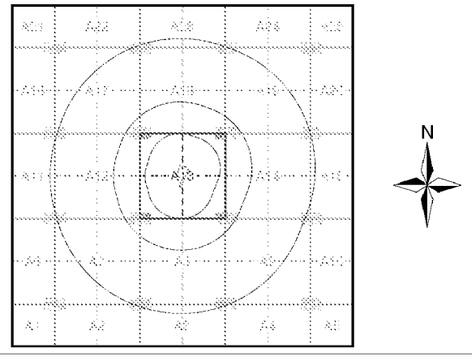
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details

The Croft, Barnham Road, Eastergate, CHICHESTER, PO20 3RP

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General

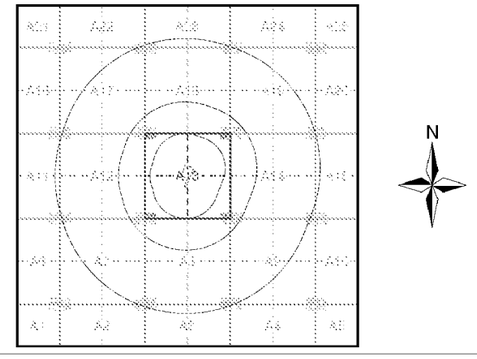
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



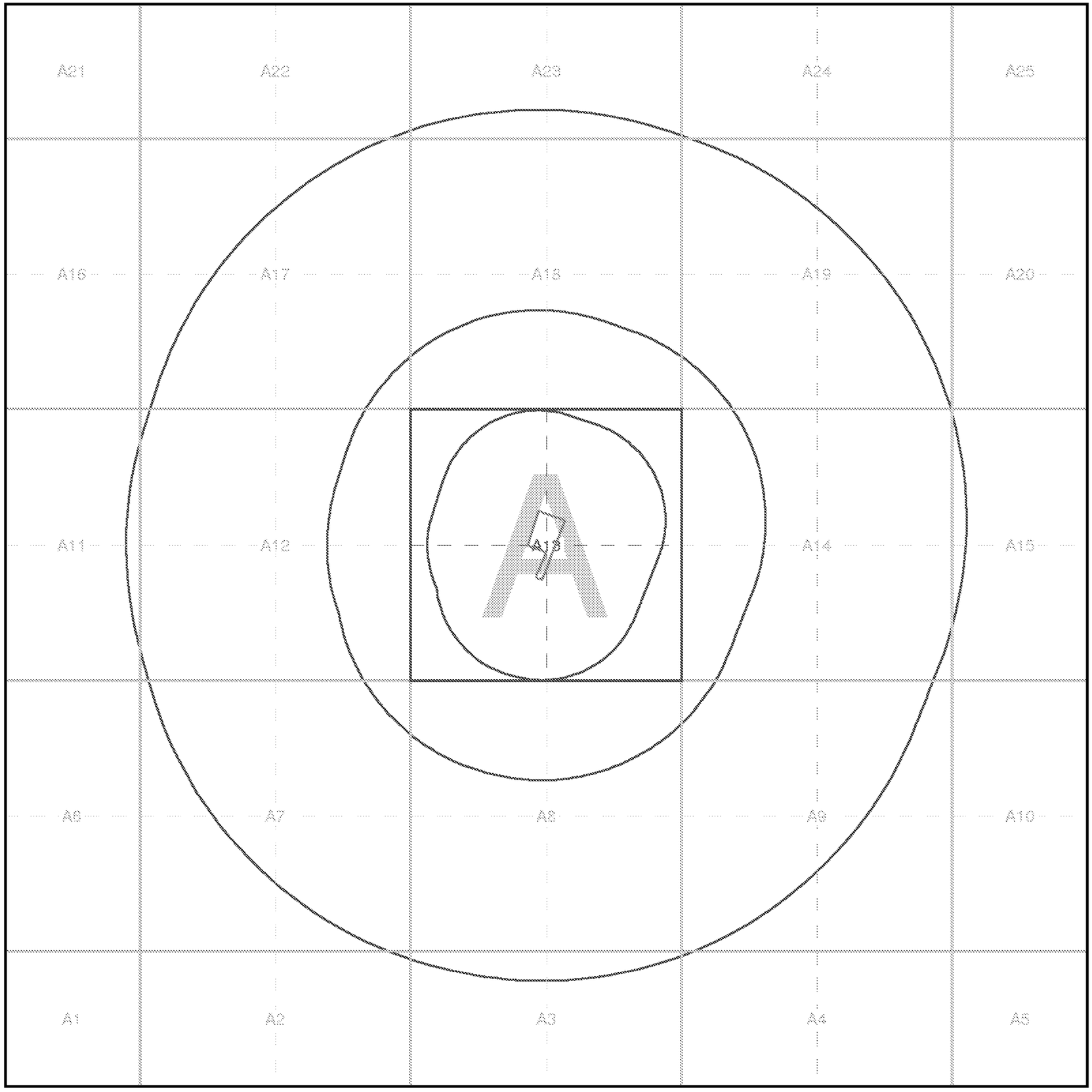
Order Details

Order Details:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105620
Slice:	A
Site Area (Ha):	0.73
Search Buffer (m):	1000

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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:

OS Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

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:	274407724_1_1
Customer Ref:	19023
National Grid Reference:	494660, 105630
Site Area (Ha):	0.73
Search Buffer (m):	1000

Site Details
The Croft, Barnham Road, Eastergate, CHICHESTER, PO20 3RP

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

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Web: www.envirocheck.co.uk

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Appendix E Local Authority Search Data

Appendix F Site Photographs



Photo 1:	Looking along the southwestern boundary. Not evidence of vegetation clearance



Photo 2:	Looking north beyond the site boudries

ARUN DISTRICT COUNCIL BN/62/21/PL



Photo 3:	Dense tree cover on boundary hedgerows and the concrete slab recorded in the southwest.



Photo 4:	Looking south towards the entrance to the site.

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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

ARUN DISTRICT COUNCIL BN/62/21/PL

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.

ARUN DISTRICT COUNCIL BN/62/21/PL

Appendix H BGS Borehole Data

SU 90 NW 76 9480 0546 **Eastergate** **Block G**

Surface level +13.5 m
Water struck at +9.5 m
September 1981

Overburden 3.2 m
Mineral 4.6 m
Bedrock 2.2 m+

LOG

Geological classification	Lithology	Thickness m	Depth m
	Soil	0.3	0.3
Brickearth	Clay, silty, brown, with flint pebbles near base	0.9	1.2
	Silt, chalky, with flint pebbles; abundant chalk pellets near base	2.0	3.2
Head Gravel	a 'Clayey' gravel Gravel: coarse and fine, angular to subrounded flint Sand: coarse, fine and medium Fines: clay, chalky	1.6	4.8
Raised Beach Deposits (younger)	b 'Clayey' sand: fine, quartz; a few pebbles of flint, chalk and sandstone	3.0	7.8
London Clay	Clay, brown	0.2	8.0
	Clay, silty, dark olive grey	2.0+	10.0

GRADING

	Mean for deposit percentages			Depth below surface (m)	Percentages							
	Fines	Sand	Gravel		Fines	Sand			Gravel			
					-¼	+¼ -¼	+¼ -1	+1 -4	+4 -16	+16 -64	+64	mm
a	19	27	54	3.2-4.0	21	4	6	7	24	33	5	
				4.0-4.8	18	9	10	16	28	19	0	
				Mean	**19**	**7**	**8**	**12**	**26**	**26**	**2**	
b	12	85	3	4.8-5.8	13	85	1	0	1	0	0	
				5.8-6.8	10	89	1	0	0	0	0	
				6.8-7.8	12	79	2	1	4	2	0	
				Mean	**12**	**83**	**1**	**1**	**2**	**1**	**0**	
a+b	**14**	**66**	**20**	**3.2-7.8**	**14**	**57**	**4**	**5**	**10**	**9**	**1**	

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