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Phase I Desk Study

at

**Land North of Mayflower Way, Angmering, Littlehampton,
West Sussex, BN16 4AY**

for

Peter Taylor & Crayfern Homes

Reference: I7028/DS

November 2016

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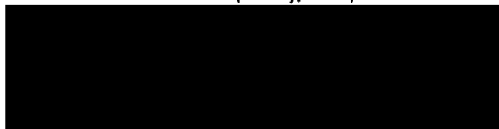
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This is not a valid document for use in the design of the project unless it is titled Final in the document status box.

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.

Commission

Soils Limited was commissioned by Peter Taylor & Crayfern Homes to undertake a Phase I Desk Study on Land North of Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY. The scope of the investigation was outlined in the Soils Limited quotation reference Q17034 dated 9th November 2016.

Caveat

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

This Desk Study does not include a detailed UXO risk assessment. In preparing a Phase I Desk Study reference is made to 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 the areas of docklands or railways junctions. The assessment is based on the likely area risk, bomb patterns (i.e. lines of recorded bomb impacts with gaps where an impact would be anticipated) and the age of structures on and in close proximity to the site.

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Section I Introduction

1.1 Objective

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

1.2 Location

The site was located at Land North of Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY and had an O.S Land Ranger Grid Reference of TQ 072 033. The site location map is presented in Figure 1 and the full Site Walkover discussed in Section 2.1 of this report.

1.3 Proposed Development

The proposed development comprised erection of 24No. residential units including two, three and four-bedroom detached, semi-detached and terraced houses. The development was to include areas of hard landscaping such as access roads, pavements and driveways, and areas of soft landscaping including communal open space and private gardens.

In compiling this report reliance was placed on drawing number 1701/2.10/P8, prepared by Crossley Design Architecture. Any change or deviation from the scheme outlined in the drawing could invalidate the recommendations presented within this report. Soils Limited must be notified about any such changes.

The proposed development plan has been provided in Figure 2.

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

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

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

Under the legislation, Contaminated Land is defined as: -

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

Where the Act defines harm as:

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

and pollution of controlled waters is defined as: -

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

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

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

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

1.5 Limitations and Disclaimers

This Phase I Desk Study Report relates to the site located at Land North of Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY and was prepared for the benefit of Peter Taylor & Crayfern Homes (The "Client") for the brief described in the Commission of this report.

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

This report has been prepared by Soils Limited, with all reasonable skill, care and diligence within the terms of the contract with the Client, incorporation of our General

Conditions of Contact of Business and taking into account the resources devoted to us by agreement with the Client.

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

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

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

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

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

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

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

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

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Section 2 Site Conditions

2.1 Site Walkover

A site walkover was undertaken in November 2016, the notes are presented in Table 2.1 and Table 2.2.

Table 2.1 Site Walkover Record (On-site)

On-site	Use of site	Builders Yard
	Structures	None
	Site topography	Slight undulating, Very gently dipping SW
	Site covering	Waste Ground
	Vegetation	Mature trees on south and west border.
	Potential Contamination Sources	Stockpiled soil debris and concrete debris
	Odour	None noted
	Drainage	None observed – assumed self-draining

Table 2.2 Site Walkover Record (Off-Site)

Off-Site	Use of Land	Nursery and industrial to north, Industrial/commercial to east, Agricultural and residential to south, Recreational to west.
	Area topography	Flat – slight dip down to south
	Vegetation	Some mature trees at borders. Potential Japanese Knotweed off east boundary.
	Potential Contamination Sources	Tank noted to have been located circa 10m from east site boundary – now removed.
		Yellow Penfold 2000ltr diesel tank located off east site boundary.

2.2 Site Drainage

No drainage was noted on site which was considered to be self-draining.

2.3 Site Photographs

The site photographs have been included within Appendix D.

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

3.1 Anticipated Geology

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

3.1.1 River Terrace Deposits

River Terrace Deposits are superficial deposits of Quaternary age that lie along the margins of rivers and are predominantly found in the southern part of West Sussex, along the coastal plain and are typically less than 10m thick. The composition of the River Terrace Gravel varies greatly, depending on the source material available in the river's catchment. Deposits generally consist of sands and gravels of roughly bedded flint or chert commonly in a matrix of silts and clays. In West Sussex the rivers flow mainly south over the Weald Clay, which contains some sandstones and limestone that could be incorporated into the river gravel.

3.1.2 Lewes Nodular Chalk Fm.

The Lewes Nodular Chalk Formation is composed of hard to very hard nodular chalks and hardgrounds with interbedded soft to medium hard chalks (some grainy) and marls; some grotte chalks. The softer chalks become more abundant towards the top. Nodular chalks are typically lumpy and iron-stained. Brash is rough and flaggy or rubbly and tends to be dirty. First regular seams of nodular flint, some large, commence near the base and continue throughout.

This formation can exhibit occasional erosional features such as pipes, swallow holes and solution cavities, usually in-filled with drift deposits. The features sometimes manifest themselves at the surface as shallow circular depressions and solution features may be reactivated by the concentrated ingress of water from leaking drains or soakaways. This reactivation may lead to surface collapse.

3.2 Hydrogeology

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

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

Table 3.1 Hydrogeological Assessment

Hydrogeological Data		Comment	Risk
On-site Aquifers	Superficial	Secondary A Aquifer ¹	✓
	Bedrock	Principal Aquifer ²	✓

Hydrogeological Data		Comment	Risk
Groundwater Vulnerability		Major Aquifer (HU) ³	✓
Source Protection Zones (SPZ)		None	
Abstraction	Potable	Potable water supply – 1797m/SW	
	Non-potable	Agriculture: Horticultural Watering – 270m/NE	
Surface Water Features		Offline drainage feature 33m/W	
Flood Risk from Rivers or Seas		None	
Flood Risk from Surface Water		None	

Note: ✓ = Likely. ¹ Secondary A Aquifers 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 water flow to rivers. These are generally aquifers formerly classified as minor aquifers.

² Principle Aquifer are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale. In most cases, principal aquifers are aquifers previously designated as major aquifer.

³ Soils of high leaching potential – soils which can possibly transmit a wide range of pollutants

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

3.3 Hydrology

The approximate elevation of the site was ~11.0 m AOD (Above Ordnance Datum). The anticipated groundwater flow direction is given in Table 3.2.

Table 3.2 Hydrogeological Assessment

Type	Direction	Notes
Surface water	S	In-line with local topography
Groundwater	S	In-line with local topography

3.4 Radon Gas

The site was located in an **Intermediate probability radon area**, where 1 to 3% of homes are estimated to be at or above the action level.

The site **was not situated** within an area where protection or risk assessment against the ingress of radon was required. 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.

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.

Maps only represent a “snap shot” of the site and its environs at the date of the survey. Changes that had occurred either to the site and/or the environs may well not have been recorded on the maps and could represent a hazard to the site. Any distances quoted for features remote from the site have been scaled from the maps and are only approximate. Where dates have been noted in brackets, these are the actual dates applicable to the map editions.

The information reported might not represent all pertinent information that could be obtained. The interpretation of the maps and/or other data commented on in this report is subjective.

In the following sections dealing with individual maps, only features considered to have a potential contaminative impact on the site and usually within a notional 250m radius are discussed. The north point and approximate extent of the site are indicated on each figure. The historic maps referred to are appended to this report (Appendix A). The potential onsite and offsite sources have been presented in Table 4.1 and Table 4.2.

Table 4.1 Potential Sources of Pollution Indicated from Historic Maps

Source	Direction	Distance (m)	Date Range	
			From	To
Nursery	Onsite	0	1968	1990
Nursery	W	14	1943	1989
Pond	SE	24	1950	1999
Nursery	N	44	1968	2016
Tank	W	52	1943	1999
Tank	NW	66	1968	1974
Nursery	NW	69	1968	1999
Sub Station	E	131	1959	1990
Nursery	S	196	1943	1962
Nursery	NE	220	1943	2016

Table 4.2 Historic Development of the Site

Site Development	Date Range	
	From	To
Open land	1876	1968
Nursery	1968	1990
Derelict site/Builders yard	1990	2016

Section 5 Environmental Records and Consultation

5.1 Dataset Information

The Landmark Envirocheck Report was obtained by Soils Limited and includes site specific information. A copy of the report is appended to this report, Appendix B, and a summary is given in Table 5.1, Table 5.2 and Table 5.3.

Table 5.1 Environmental Significance of Data

Source	Direction	Distance (m)	Maximum Radius (m)
Contaminated Land Register Entries and Notices	None	None	1000
Discharge Consents	E	33,175,196,220	250
Integrated Pollution Prevention and Control	None	None	1000
Local Authority Pollution Prevention and Controls	N	54	250
Local Authority Pollution Prevention and Control Enforcements	None	None	1000
Nearest Surface Water Feature	W	33	250
Pollution Incidents to Controlled Waters (Significant Incidents only)	None	None	250
Prosecutions Relating to Authorized Processes	"	"	1000
Registered Radioactive Substances	"	"	1000
Substantiated Pollution Incident Register	"	"	1000
Nearest potable abstraction point	"	"	1000
Nearest non-potable abstraction point	"	"	250
Water Industry Act Referrals	"	"	1000
Source Protection Zones	"	"	1000
Extreme Flooding from Rivers or Sea without defences	"	"	1000
Flooding from rivers or sea without defences	"	"	1000
Areas benefiting from flood defences	"	"	1000
Flood Water Storage Areas	"	"	1000
Flood defences	"	"	1000
BGS Recorded Landfill Sites	"	"	1000
Historical Landfill Sites	"	"	1000
Licensed Waste Management Facilities	"	"	500
Local Authority Recorded Landfill Sites	"	"	1000
Registered Landfill Sites	"	"	1000
Registered Waste Transfer Sites	"	"	500
Registered Waste Treatment or Disposal Sites	"	"	1000
Control of Major Accident Hazards Sites (COMAH)	"	"	1000
Notification of Installations Handling Hazardous Substances	"	"	250
Planning Hazardous Substance Consents	"	"	1000

Table 5.2 Contemporary Trade Directory

Contemporary Trade Directory within 250m ¹	Direction	Distance (m)	Status
Town & Country Paving Ltd – Concrete Products	NE	50	Inactive
Roundstone Van Centre – Commercial Vehicle Dealers	E	69	Inactive
Kayjay Motors – Garage Services	E	88	Inactive

Contemporary Trade Directory within 250m ¹	Direction	Distance (m)	Status
Highdown Coach Works – Garage Services	NE	82	Inactive
N S Marine – Marine Engineering Equipment Manufacturers	NE	82	Inactive
Valley Motors – Garage Services	N	147	Inactive
Knights Motor Services Ltd – Garage Services	N	147	Inactive

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

Table 5.3 Geological Hazards

Source	Nearest Distance from Site/Type
Non Coal Mining Affected Areas	Rare
Mining Instability	None
Natural and Mining Cavities	None
Potential For Collapsible Ground Stability Hazards	Onsite/Low
Potential For Compressible Ground Stability Hazards	None
Potential For Ground Dissolution Stability Hazards	Onsite/Very Low
Potential For Landslide Ground Stability Hazards	Onsite/Very Low
Potential For Running Sand Ground Stability Hazards	Onsite/Low
Potential For Shrinking or Swelling Ground Stability Hazards	Onsite/Low
Shallow Mining Hazards	None

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 Phase I Desk Study the Local Planning Authority (LPA) had been contacted and asked to provide any information on potential risks pertaining the site. The LPA held no records suggesting petroleum was stored at or in the vicinity of the site.

5.4 Soil Geochemistry

Potential levels of metals including lead, arsenic, cadmium, chrome and nickel as contoured on the Landmark Environmental check report (Appendix B) were assessed against the appropriate environmental quality standards (e.g. SGV) for the sites purposed end use. The results are indicated in Table 5.4.

Table 5.4 Soil Geochemistry

Determinand	Proposed Land Use	Indicated Soil Geochemistry (mg kg ⁻¹)	Guideline For Residential (mg kg ⁻¹)	Potential Hazard
Arsenic	Residential	15-25	37	
Cadmium		<1.8	11	
Chromium		60-90	910	
Lead		<100	200	
Nickel		15-30	130	

Note: ✓ = Likely. ¹ Soil guideline value for 1% and 6% SOM respectively. Other soils guidelines presented in the table are based on soils with 6% SOM.

The results show no significant risk to identified receptors for contaminants presented. If the proposed land use change, then the recommendations given in the report would be likely to change.

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

Section 6 Discussion and Conclusions

6.1 General

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

1. The 1:50,000 BGS map showed the site to be situated on the Lewes Nodular Chalk Formation with the superficial deposits of the River Terrace Deposits overlying.
2. The Environment Agency Hydrogeological Maps showed that the bedrock Hythe Formation had a Principal Aquifer Designation and the superficial River Terrace Deposits had a Secondary A Aquifer Designation. The overall groundwater vulnerability was soils of high leaching potential (HU), soils which can possibly transmit a wide range of pollutants.
3. Surface water flow was expected to flow to the south in line with the local topography. Groundwater was anticipated to flow down to the south in line with the wider topography.
4. Environment Agency records showed that the site was not at risk of flooding from rivers or seas.
5. The Local Planning Authority held no records showing petroleum was stored at or in the near vicinity of the site.
6. The potential presence of Japanese knotweed or presence of other invasive species was noted off the east site boundary, at the time of site reconnaissance. If present, this may have significant impact on the construction of new dwellings and specialist advice should be sought.
7. Any suspicious ground conditions encountered during groundworks must be reported to a competent person for further inspection.
8. Site was not situated within an area where risk assessment against the ingress of radon was required. Therefore, Radon protection measures **will not be required** within the proposed new development.
9. Summary of potential on-site contamination sources identified during the study of the historic maps, the Dataset Information and Landmark Envirocheck Report and the Site Walkover are outlined in Table 6.1.

Table 6.1 Summary of Potential Contamination Sources

	Sources/Environmental Impact	Direction ¹	Distance (m)	Date Range		Source
				From	To	
On-Site	Historical Nursery	Onsite	0	1968	1990	HM
	Builders Yard			1990	2016	HM, SW
	Stockpiled Soil Debris			-	2016	SW
	Discarded Tank (removed)	E	10	-	2016	SW
	2000Ltr Diesel Storage Tank	E	10	-	2016	SW
	Historical Nursery	W	14	1943	1989	HM
	Pond	E	24	1950	1999	HM
	Nursery	N	44	1968	2016	HM
	Town & Country Paving Ltd – Concrete Products	NE	50	-	-	DS
	Tank	W	52	1943	1999	HM
	Tank	NW	66	1968	1974	HM
	Historical Nursery	NW	69	1968	1999	HM
	Roundstone Van Centre – Commercial Vehicle Dealers	E	69	-	-	DS
	Kayjay Motors – Garage Services	E	88	-	-	DS
	Highdown Coach Works – Garage Services	NE	82	-	-	DS
Off-Site	N S Marine – Marine Engineering Equipment Manufacturers	NE	82	-	-	DS
	Sub Station	E	131	1959	1990	HM
	Valley Motors – Garage Services	N	147	-	-	DS
	Knights Motor Services Ltd – Garage Services	N	147	-	-	DS
	Historical Nursery	S	196	1943	1962	HM
	Nursery	NE	220	1943	2016	HM

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

Section 7 Preliminary Conceptual Site Model

7.1 General

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

7.2 Sources of Contamination

The Landmark Site Specific Envirocheck Report and Site Walkover has been used to identify potential contaminative sources, the sources have been presented in Table 6.1. An initial assessment of the likelihood of each contaminative source that was considered a risk has been presented in Sections 7.2.1 – 7.2.3.

7.2.1 Onsite Potential Contamination Sources

A study of Landmark Envirocheck Report and Site Walkover has shown a number of potentially onsite contaminative sources. The sources have been given in Table 7.1.

Table 7.1 Onsite Potential Contamination Sources

Sources	Likelihood ¹
Historical Nursery	✓
Builders Yard	✓
Stockpiled Soil Debris	✓

Notes: ✓ = Likely ¹ Sources that are not ticked were considered negligible. These considerations are based on type of contamination, age of source and anticipated significance.

7.2.2 Offsite Potential Contamination Sources

A study of Landmark Envirocheck Report and Site Walkover has shown a number of potentially offsite contaminative sources. The sources have been given in Table 7.2.

Table 7.2 Offsite Potential Contamination Sources

Sources	Direction	Distance (m)	Likely ¹
Discarded Tank (removed)	E	5	✓
2000ltr Diesel Storage Tank	E	5	✓
Historical Nursery	W	14	
Pond – Infilled	E	24	✓
Nursery	N	44	
Town & Country Paving Ltd – Concrete Products	NE	50	
Tank	W	52	

Tank	NW	66
Historical Nursery	NW	69
Roundstone Van Centre – Commercial Vehicle Dealers	E	69
Kayjay Motors – Garage Services	E	88
Highdown Coach Works – Garage Services	NE	82
N S Marine – Marine Engineering Equipment Manufacturers	NE	82
Sub Station	E	131
Valley Motors – Garage Services	N	147
Knights Motor Services Ltd – Garage Services	N	147
Historical Nursery	S	196
Nursery	NE	220

Note: ✓ = Likely ¹ Sources that are not ticked were considered negligible. These considerations are based on type of contamination, age of source, anticipated significance and taking account of the source distance from the site.

7.3 Potential Pathways

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

Anthropogenic (or artificial) pathways of contaminant migration can be present in the form of land drains etc. Leaking sewage supply pipes, site drainage, granular backfill to service trenches can also provide pathways for potential contaminant migration.

The potential geological pathways are given in Table 7.3.

Table 7.3 Potential Soil Migration Pathways

Strata	Pathway	Non- Pathway
Superficial Deposits	✓	
Bedrock	✓	

In Table 7.4 the site-specific sources and pathways are given.

Table 7.4 Site Specific Sources and Pathways

Type of Attack	Standard Exposure Pathways	Source	Site Assessment	
			Likely	Comment
Oral	Direct soil and dust ingestion	Contaminants in soft landscaping areas	✓	Historical nursery onsite
	Consumption of home-grown produce	Contaminants in gardens areas	✓	Historical nursery onsite
Dermal	Dermal contact	Contaminants in soft landscaping areas	✓	Historical nursery onsite
Inhalation	Inhalation of dust (Indoor and outdoor)	Contaminants in soft landscaping areas		No source identified
	Inhalation of vapours (Indoor and outdoor)	Volatile compounds & Soft landscaping areas	✓	Discarded storage tank onsite
	Inhalation of soil gases	Soil gases (e.g. CH ₄ and CO ₂ , VOC) within 0-250m	✓	Infilled pond adjacent to site
Physical	Fire and explosion ¹	UXO (e.g. Bombs or projectile sites) (0-250m) ²		No bomb strikes identified
		Combustible material in soil	✓	Historical nursery onsite/ discarded storage tank onsite
		Soil gases (VOC) within 0-250m	✓	Infilled pond adjacent to site
	Via anthropogenic pathways (services trenches)	Contaminants & Trenches or drainage onsite		No drainage onsite
	Others physical pathways ³	Degradation of fills, blast... etc...		No source identified
	Location of service supply pipes in contaminated soils	Hydrocarbons & Pipes	✓	No source identified
Chemical	Direct contact of concrete with concrete aggressive soils	Sulphate, Acids & Concrete	✓	Potential natural sources
Others	Irradiation ⁴	Radon		No source identified
		Radioactive materials		No source identified
		UXO within 0-250m		No bomb strikes identified
	Via surface water runoff	Contaminants & Gradient (Area)		Permeable drift deposit
	Migration downwards via granular soils	Contaminants & Drift: Principal/secondary	✓	Secondary Aquifer
	Migration downwards via permeable soils and bedrock	Contaminants & Bedrock: Principal/secondary	✓	Principal Aquifer
		Contaminants & Groundwater vulnerability: Principal/secondary	✓	Major Aquifer
	Plant uptake and phytotoxicity ⁵	Metallc contaminants		No source identified
		Soil gases within 0-250m	✓	Infilled pond adjacent to site
	Plant uptake and ecotoxicological effects ⁶	Contaminants	✓	Historical nursery onsite/ discarded storage tank onsite

Notes: ✓ = Likely

¹ Both underground fires and biodegradable may produce toxic or flammable gases;² UXO= Unexploded Ordnance: Although risk is generally low in the UK, a risk assessment (i.e. using Find map for example) may be needed if an UXO is found onsite;³ Blast-furnace and steel-making slag may expand. Degradation of fills may cause settlement and voids in buried tanks and drums may collapse as corrosion occurs or under loading;⁴ Radioactive materials emitting gamma rays that can be inhaled and absorbed through the skin and also cause a radiation response;⁵ Prevention or inhibition of plant growth;⁶ Contaminants in soil may affect microbial, animal and plant populations. Ecosystems or individual species on the site, in surface waters or areas affected by migration from the site may be indirectly affected.

Table 7.5 Off-site Potential Pathways

Receptors	Off-Site Potential Pathways	Risk
Human Health Building Materials	Migration via surface water runoff (Surface flow)	
Human Health Building Materials	Migration via air	✓
Groundwater Human Health Building Materials	Migration via groundwater flows	✓

Notes: ✓ = Likely

7.4 Potential Receptors

The presence of potential receptors has been evaluated from our understanding of the current and planned land use of the site, an assessment of surrounding land uses and currently available information pertaining to the site. The assessment for potential receptors has been included in Table 7.6.

Table 7.6 Potential Receptors

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

Notes: ✓ = Likely

7.5 Preliminary Risk Assessment

A preliminary risk assessment has been undertaken relating to the proposed development based on a qualitative assessment of the likely presence of a pollutant linkage. A pollutant linkage is the relationship between a contaminant source, a pathway and a receptor. Unless all three elements of a pollutant linkage are present, a risk is not considered to exist. Each of the three elements was considered in Sections 7.2, 7.3 and 7.4. The approach adopted was to screen the site based on assigning a risk category. The preliminary risk assessment is presented in Table 7.7 with the classification tables presented in Appendix E, which have been modified from, 'Contaminated land risk assessment: A guide to good practice, 2001, CIRIA C552'.

Table 7.7 Risk Assessment

Source	Direction	Distance (m) ¹	Pathway	Receptor	Risk	Reasoning
Historical Nursery	Onsite	0	✓	✓	✓	Onsite source
Builders Yard	Onsite	0	✓	✓	✓	Previous onsite contaminative activity
Stockpiled Soil Debris	Onsite	0	✓	✓	✓	Onsite source
Discarded Tank (now removed)	E	5	✓	✓	✓	Adjacent to site.
2000ltr Diesel Storage Tank	E	5	✓	✓	✓	Adjacent to site.
Infilled pond	E	24	✓	✓	✓	Adjacent to site. Soil gas risk from infill material

Notes: ✓ = Likely ¹ Approximately from boundary of the site. There can only be a risk if there is both a pathway and a receptor present

7.6 Potential Contamination

From the Risk Assessment presented in Table 7.7, the main groups of associated contaminants are presented in Table 7.8. The associated contaminants have been based on Department of Environment (DoE) Industry Profiles or on knowledge of the processes involved in the activity carried out onsite.

Table 7.8 Potential Contaminants or Properties

Contaminants/Chemical Properties		Potential Contaminative Sources
P1	Ammonia	
P2	Asbestos	✓ Stockpiled material
P3	De-icing agents, fire-fighting chemical	
P4	Pesticides	✓ Historical Nursery onsite
P5	Metals and semi-metals (e.g. arsenic, chromium)	✓ Former builders yard
P6	Non-chlorinated solvents	
P7	Organic compounds (e.g. PAHs and TPHs)	✓ Historical nursery onsite, former builders yard, discarded tank and diesel storage 5m east of site.
P8	Organic solvents (e.g. chlorinated solvents)	
P9	Polychlorinated Biphenyl (PCBs)	
P10	Sulphate	
P11	Pathogens	
P12	Radioactive	
P13	Soil gas	✓ Infilled pond adjacent to site
Note: P=Properties		

7.7 Preliminary Conceptual Site Model

The preliminary conceptual site model, including linkages that require further action, is presented in Table 7.9.

Table 7.9 Preliminary Conceptual Site Model and Risk Assessment Methodology

Potential Contaminants (Table 7.8)	Pathway (See Tables 7.3, 7.4 & 7.5)	Receptor (See Table 7.6)	Risk Assessment Methodology (plus anticipated quantitative risk assessment methods)	Site specific settings	Risk Classification: Based on Desk Study	Pollutant Linkage & Action Required
P4, P5	Uptake (root and stomata), ingestion, inhalation and dermal	Ecological features (i.e. Flora and Fauna)	Presence of SSSI, Nature reserves and others within 0- 250m to the site.	Nitrate vulnerable zone within 250m	Very low	Phase II Intrusive Investigation
P4, P7	Chemical attack	Building structures/services	BRE SD1 2005 for risk assessment. Water UK (2014) for pipes. Use Anglian Water trigger for services risk assessment	Residential development	Low risk	Phase II Intrusive Investigation
P2, P4, P5, P7, P13	Inhalation, ingestion and dermal contact	Human health Site residents	Use CLEA for human risk assessment	Residential development	Moderate risk	Phase II Intrusive Investigation
		Human Health Workers	Assessment not within the scope of this Desk study (responsibility of building contractor). Ground workers should follow regulations on health and safety during development (HSE, 1991)	Workers and the general public should follow regulation on health and safety during development (HSE, 1991)	Moderate risk	Follow HSE Procedures
P4, P5, P7	Leaching (direct precipitation, overland flow and through flow)	Shallow groundwater/ Surface Water	Assess distance from watercourse and direction of flow – Consider use of R&D 20 publication and EA remediation target for risk assessment	Secondary A Aquifer	Moderate risk	Phase II Intrusive Investigation
P4, P5, P7	Leaching (direct precipitation, overland flow, through and groundwater flow)	Deep groundwater	Undertake groundwater or leachate testing depending on site specific ground conditions. Consider use of R&D 20 publication and EA remediation target for risk assessment if contamination is identified.	Principal Aquifer	Moderate risk	Phase II Intrusive Investigation
P13	Through fissures, shafts, high permeability strata and inhalation	Human and Building Structures	Current or former Landfill sites within 0-250m to the site. Assess nature/age/size of site for Risk Assessment. Use CIRIA 149 & 645 to assess need for gas protection measures where necessary following ground gas testing	Infilled pond adjacent to site	Moderate risk	Phase II Intrusive Investigation

Note: P1: Ammonia, P2: Asbestos, P3: De-icing agents/firefighting chemicals, P4: Pesticides, P5: Metals and semi metals, P6: Non-chlorinated solvents, P7: Organic compounds, P8: Organic Solvents, P9: Polychlorinated Biphenyl, P10: Sulphate, P11: Pathogens, P12: Radioactive, P13: Soil Gas HSE = Health and Safety Executive

Section 8 Recommendations

8.1 General

Based on the information obtained during the compilation of this Phase I Desk Study and the preliminary conceptual site model, an intrusive investigation is required to quantify the risks. The intrusive investigation may reveal on site sources of contamination that were not identified in the Phase I Desk Study and Site Walkover that could modify the Conceptual Site Model.

8.2 Proposed Further Site Works

An intrusive investigation was required to quantify the risks 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 investigate and assess pollutant linkages identified in the preliminary Conceptual Site Model.

The required further environmental investigation has been presented in Table 8.1.

Table 8.1 Required Further Environmental Investigation

Potential Further works	General Purpose	Required
Investigatory Holes	Collect sufficient samples for a robust assessment	✓
Laboratory Testing	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	✓
Validation & Verification	To validated and verify the remedial objectives based on the site-specific risk assessment	✓

8.3 Discovery Strategy

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

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

analysed.

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

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

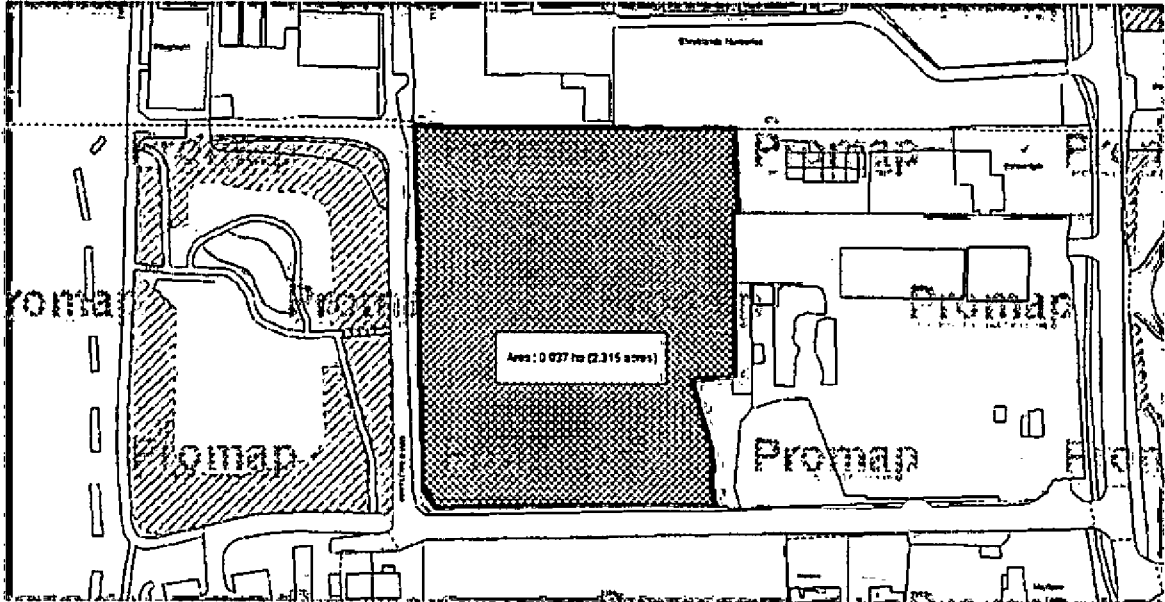


Figure 1 - Site Location Plan

Project
Land North of Mayflower Way, Angmering,
Littlehampton, West Sussex, BN16 4AY

Date
November 2016

Client
Peter Taylor & Crayfern Homes

Reference
17028

Soils Limited

Land North of Mayflower Way Desk Study

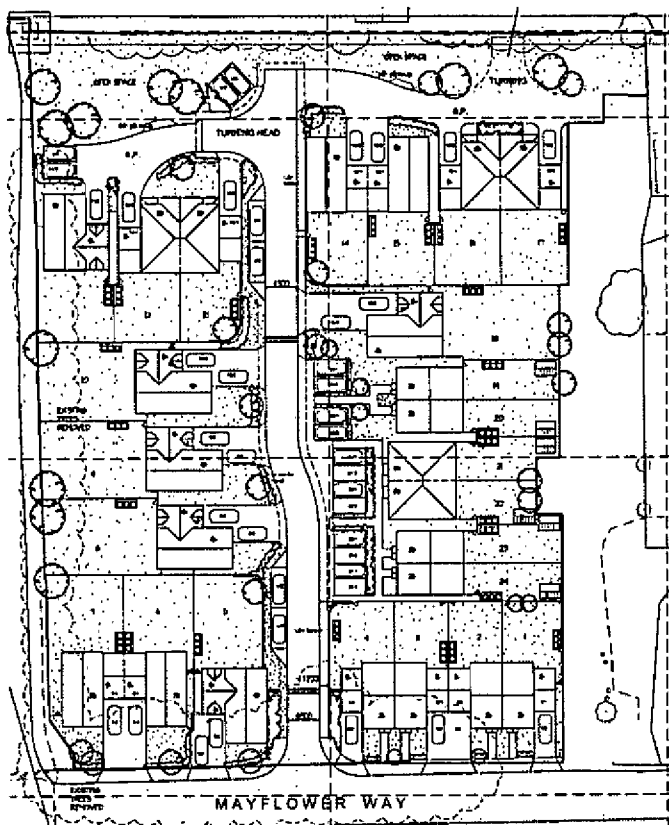


Figure 2 - Proposed Development

Project
Land North of Mayflower Way,
Angmering, Littlehampton, West
Sussex, BN16 4AY

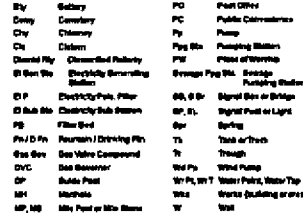
Client
Peter Taylor & Crayfern Homes

Date
November 2016

Job Number
17028

Appendix A Country Series and Ordnance Survey Maps

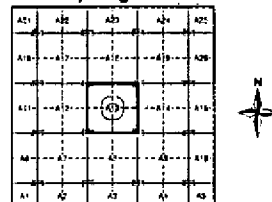
Large-Scale National Grid Data 1:2,500 and 1:1,250

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Geotechnical & Hydrogeological Considerations

Historical Mapping & Photography Included:

Product Type	Start	End	
Boxing	12-09	1978	
Buzzes	5-29-84	1977 - 1979	
Spikes	7-200	1971	
	12-15	1979	
Christmas Battery Plan	1-1-88	1977 - 78	
Christmas Battery Plan	2-2-88	1978	
Supply of Unpublished Survey Information	1-1-79	1974	
Supply of Unpublished Survey Information	1-1-80	1974	
Supply of Unpublished Survey Information	1-2-80	1974	
Additional Data	1-1-79	1977 - 1980	
Christmas Battery Plan	1-1-80	1979	
Additional Data	1-2-80	1979	
Additional Data	1-1-79	1980	
Additional Data	1-2-80	1980	
Additional Data	1-1-79	1980	
Unpublished Aerial Data	1-1-79	1984	
Unpublished Aerial Photography	1-2-80	1980	

Historical Map - Segment A13

Order Details

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Search Buffer (m): 100

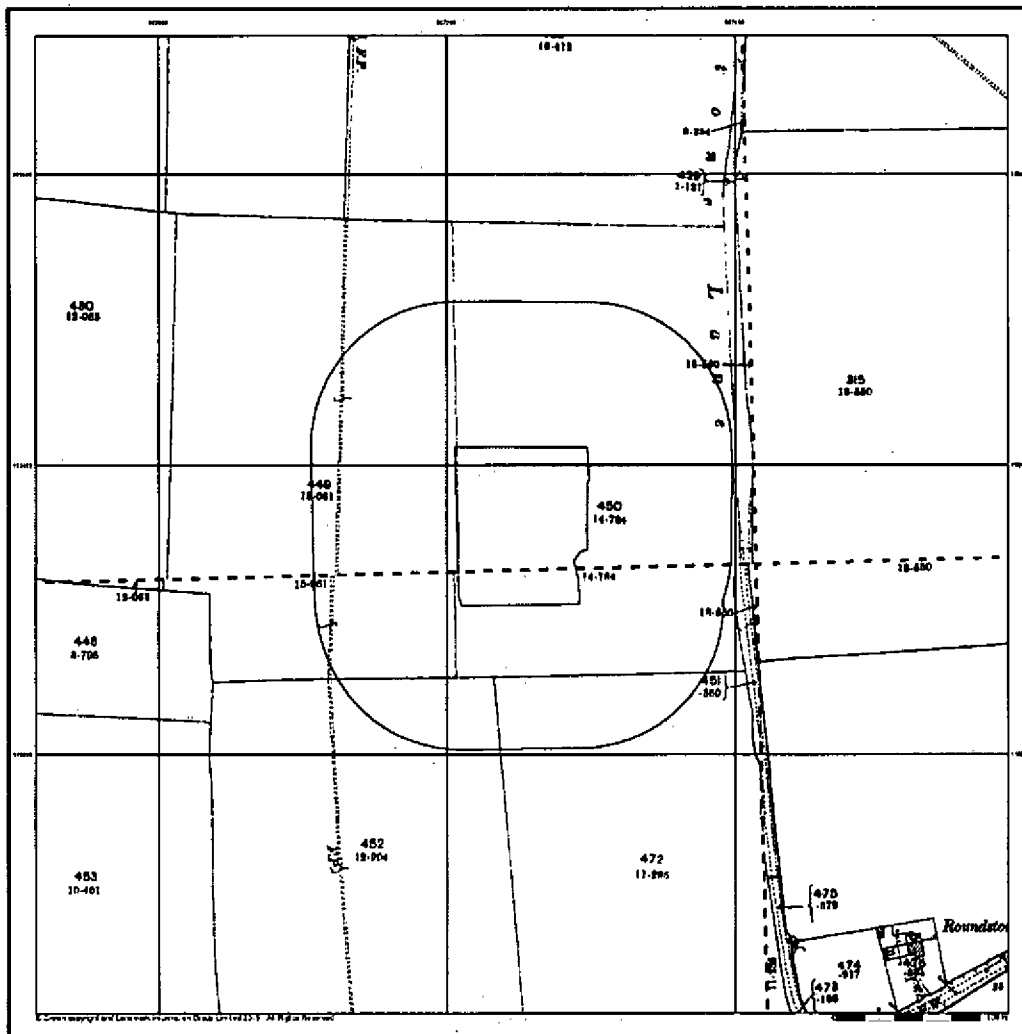
Site Details

Land at Mayflower Way, Arroming, Littlehampton, BN16 4AT

Landmark
★★★ INFORMATION GROUP

姓名	性别	年龄	职业	住址	电话
张明	男	35	教师	北京市朝阳区	12345678
李华	女	28	医生	北京市海淀区	87654321
王强	男	42	工程师	上海市浦东新区	98765432
赵敏	女	31	记者	广东省广州市	56789012
孙伟	男	25	学生	浙江省杭州市	34567890
周丽	女	38	公务员	北京市西城区	23456789
吴刚	男	45	商人	江苏省南京市	12345678
郑晓	女	29	程序员	四川省成都市	09876543
陈宇	男	33	律师	河南省郑州市	76543210
林娜	女	27	设计师	山东省济南市	65432109
徐峰	男	40	农民	安徽省合肥市	54321098
黄薇	女	36	护士	福建省厦门市	43210987
宋杰	男	30	科学家	湖北省武汉市	32109876
周婷	女	24	歌手	湖南省长沙市	21098765
吴昊	男	41	作家	江西省南昌市	10987654
郑丽	女	32	画家	广东省深圳市	09876543
陈伟	男	37	企业家	浙江省宁波市	98765432
林娜	女	26	舞蹈家	江苏省苏州市	87654321
徐峰	男	39	运动员	山东省青岛市	76543210
黄薇	女	34	模特	福建省福州市	65432109
宋杰	男	29	程序员	湖北省武汉市	54321098
周婷	女	23	歌手	湖南省长沙市	43210987
吴昊	男	43	作家	江西省南昌市	32109876
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黄薇	女	34	模特	福建省福州市	87654321
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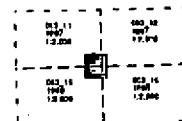
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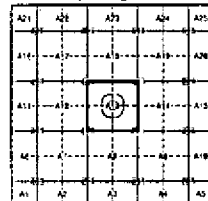
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Map Name(s) and Date(s)



Historical Map - Segment A13



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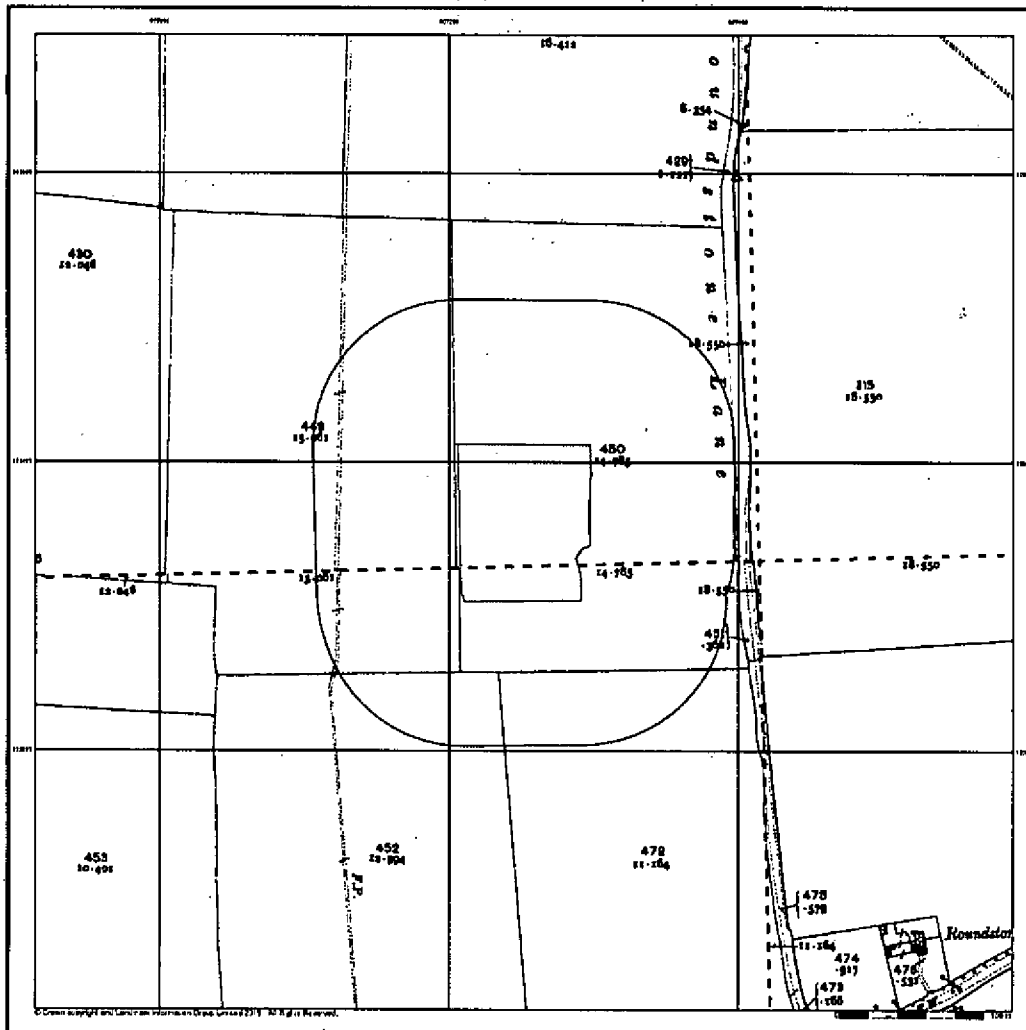
Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

Landmark
GEOGRAPHICAL INFORMATION GROUP

Tel: 01424 864100
Fax: 01424 864101
Email: info@landmark.co.uk
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Geographical & Environmental
Data

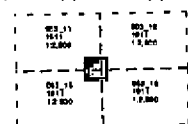
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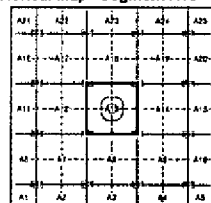
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Map Name(s) and Date(s)



Historical Map - Segment A13



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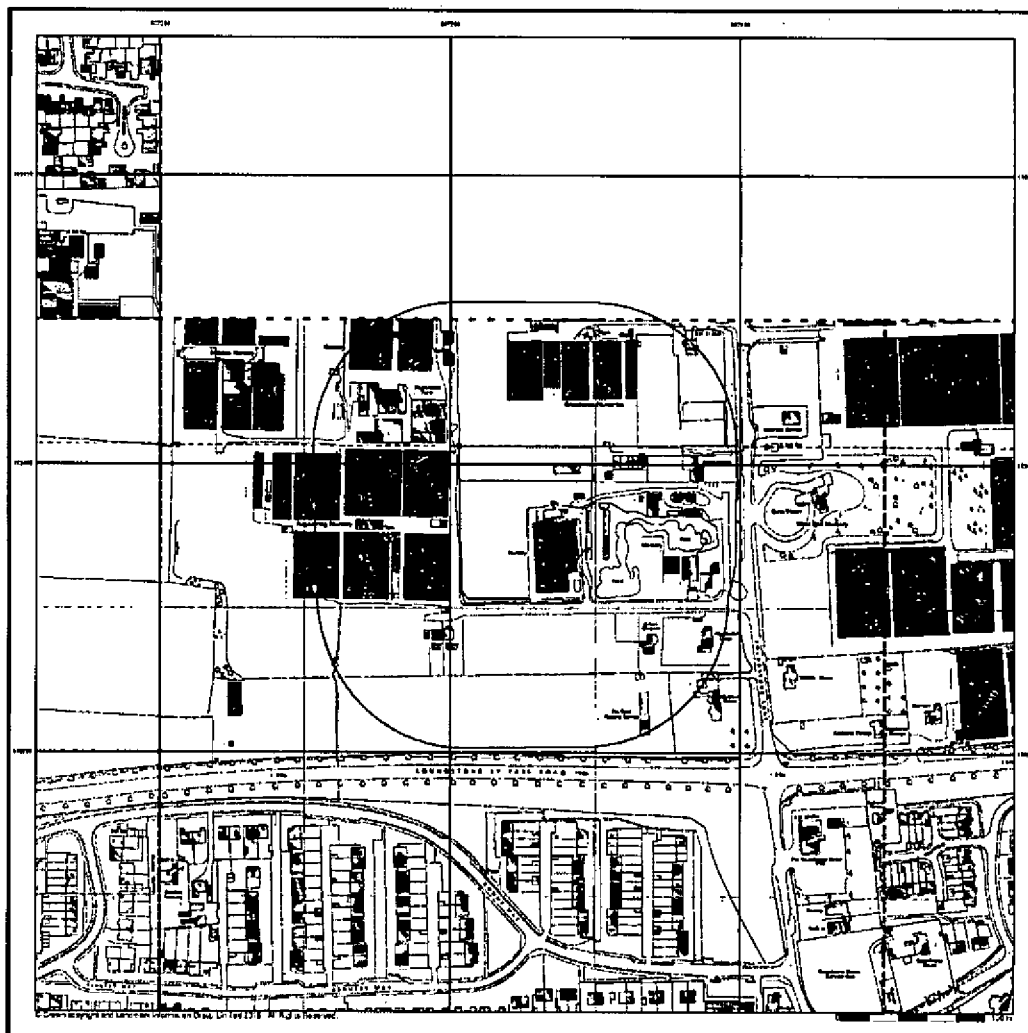
Site Details

Land at Mayflower Way, Ardingley, Littlehampton, BN15 4AT

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Fax: 01474 8821
Email: info@landmark.co.uk

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Ordnance Survey Plan
Published 1970 - 1999

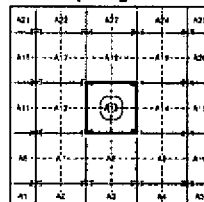
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Map Name(s) and Date(s)



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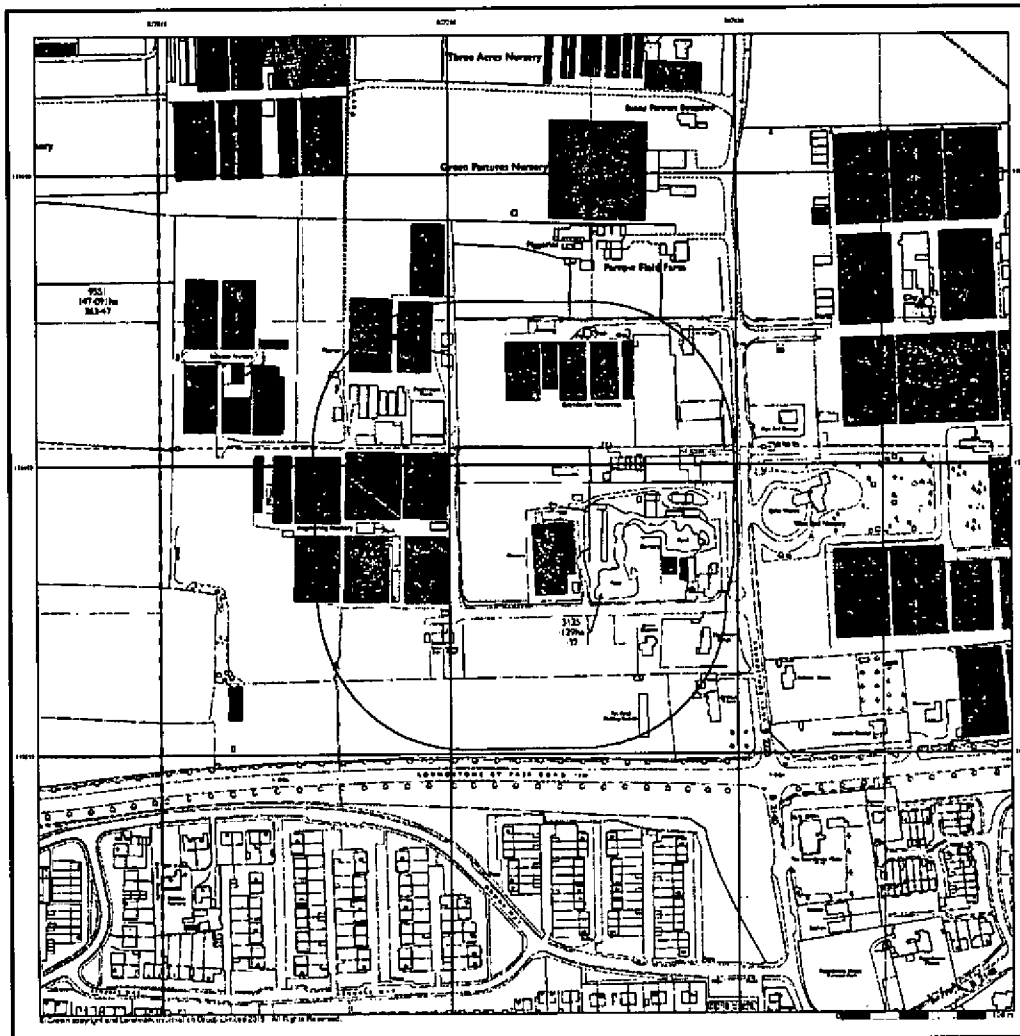
Site Details

Land of Mayflower Way, Angering, Littlehampton, BN16 4AT

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Fax: 0844 844 8801
Web: www.landmark.co.uk

A Landmark Information Group Service. v10.0 15-Nov-2016 Page 6 of 10



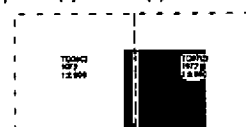
soils
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Ordnance Survey Plan
Published 1872

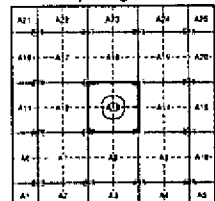
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly for all the scale adopted for England, Wales and Scotland in the 1840's. In 1 the 1:2,500 scale was adopted for mapping urban areas and by 1856 it covered the whole of what were considered to be the cultivated parts of G. Britain. The published date given below is often some years later than the surveyed date, before 1900, as 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 dateline areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 104726713_1_1
Customer Ref: 15305
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.56
Search Buffer (m): 100

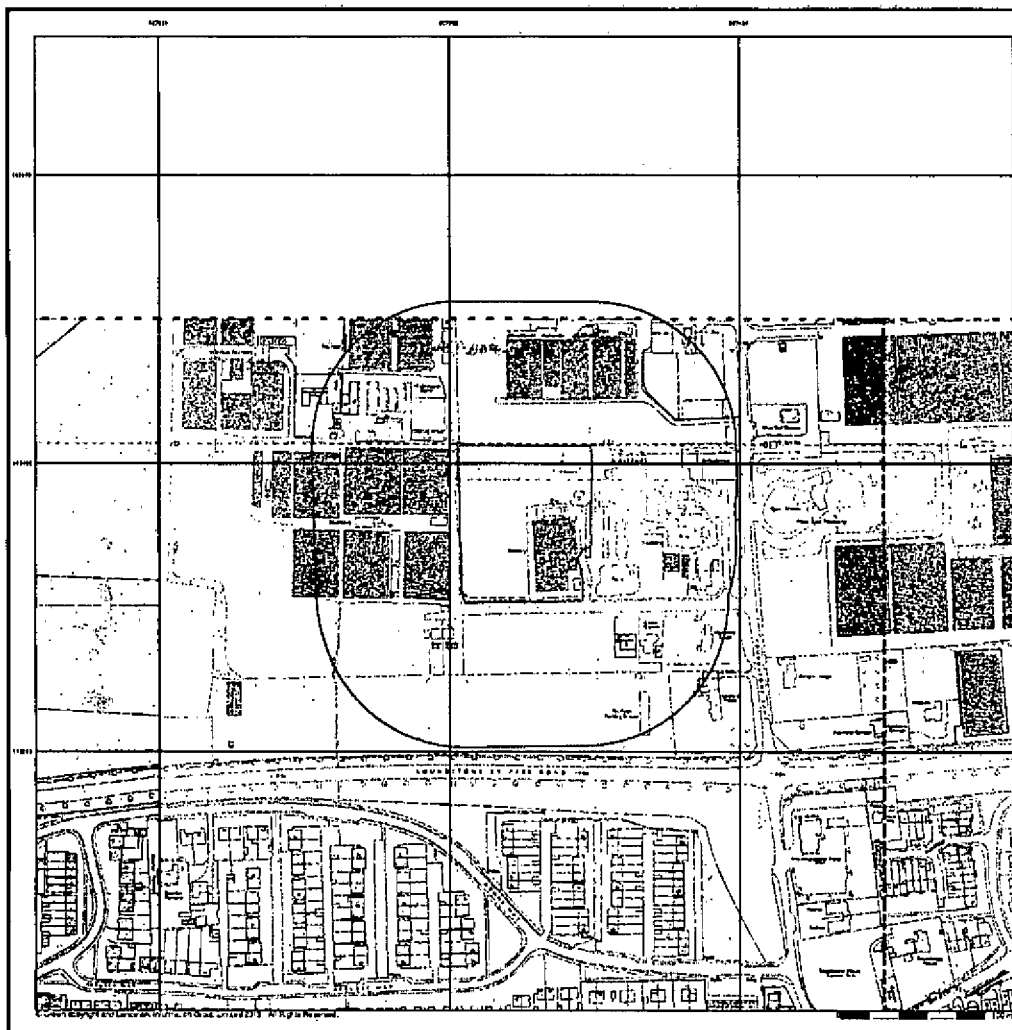
Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

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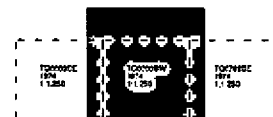
Supply of Unpublished Survey Information

Published 1974

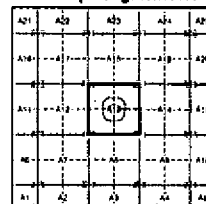
Source map scale - 1:1,250

These maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were some of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single record in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 104725713_1_1
Customer Ref: 15305
National Grid Reference: 507250, 103360
Site: A
Site Area (ha): 0.86
Search Buffer (m): 100

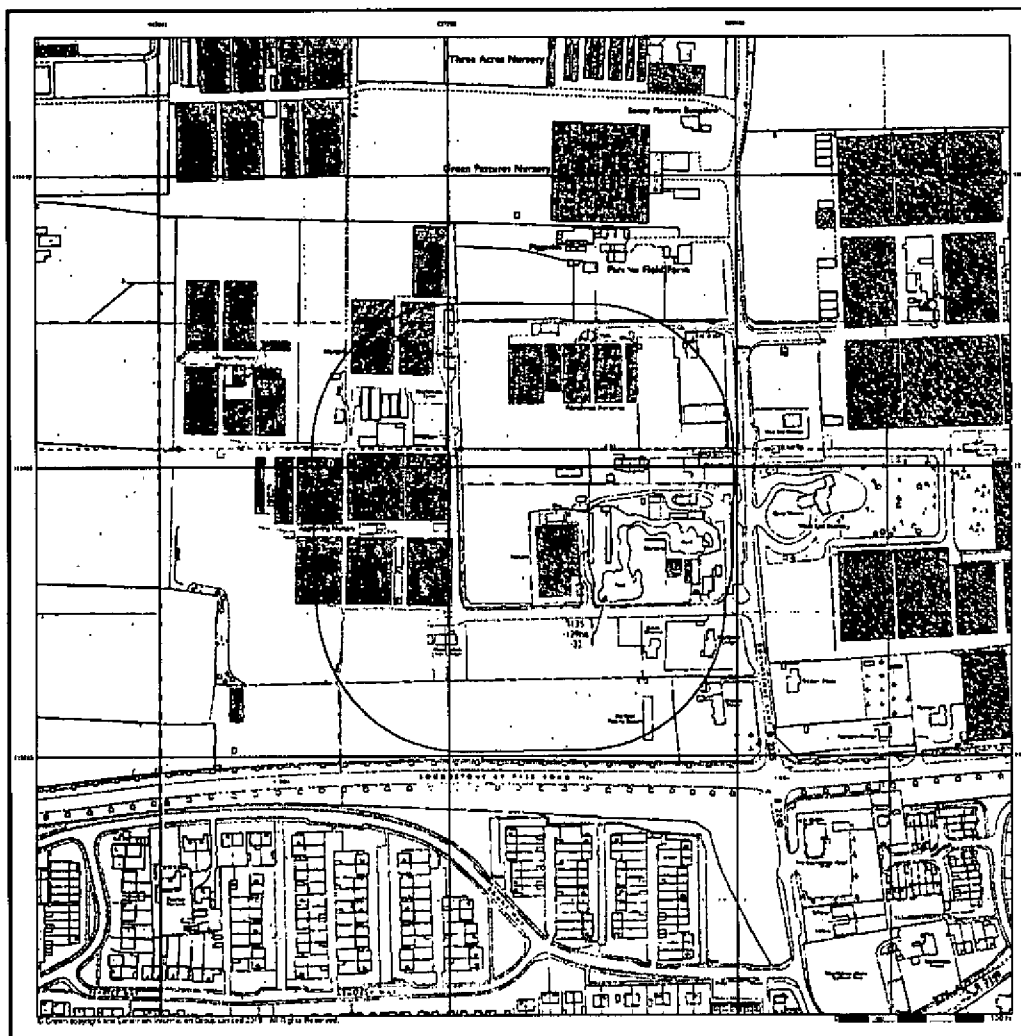
Site Details

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**Supply of Unpublished Survey
Information**

Published 1974

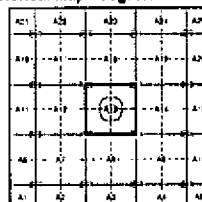
Source map scale - 1:2,500

BUD maps (Supply of Unpublished Survey Information) were produced between 1973 and 1977, mostly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of historical areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

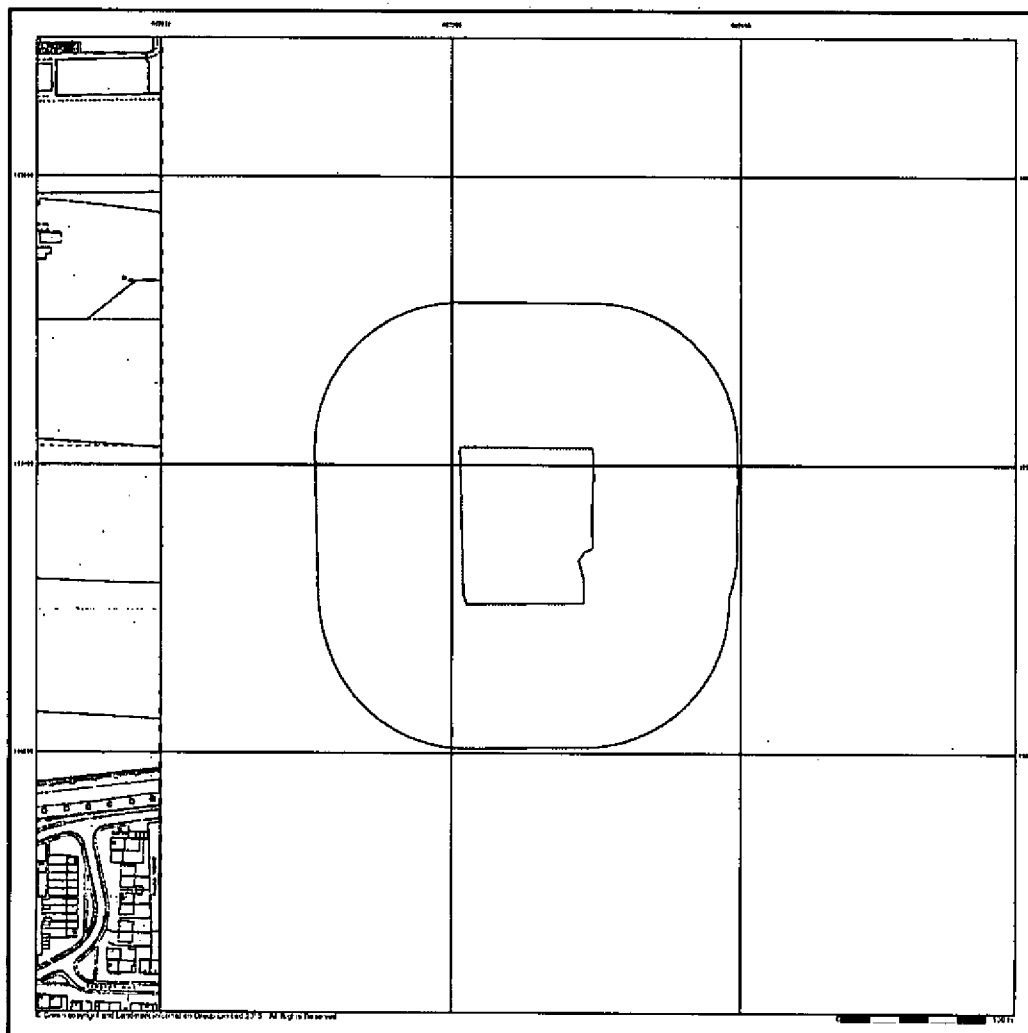
Order Number: 104725713_1_1
Customer Ref: 18306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.95
Search Buffer (m): 100

Site Details

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**Supply of Unpublished Survey
Information**

Published 1974

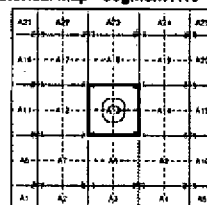
Source map scale - 1:2,500

BUSH maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan on many sheets of individual areas, on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 104726713_1_1
Customer Ref: 15305
National Grid Reference: 607250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 100

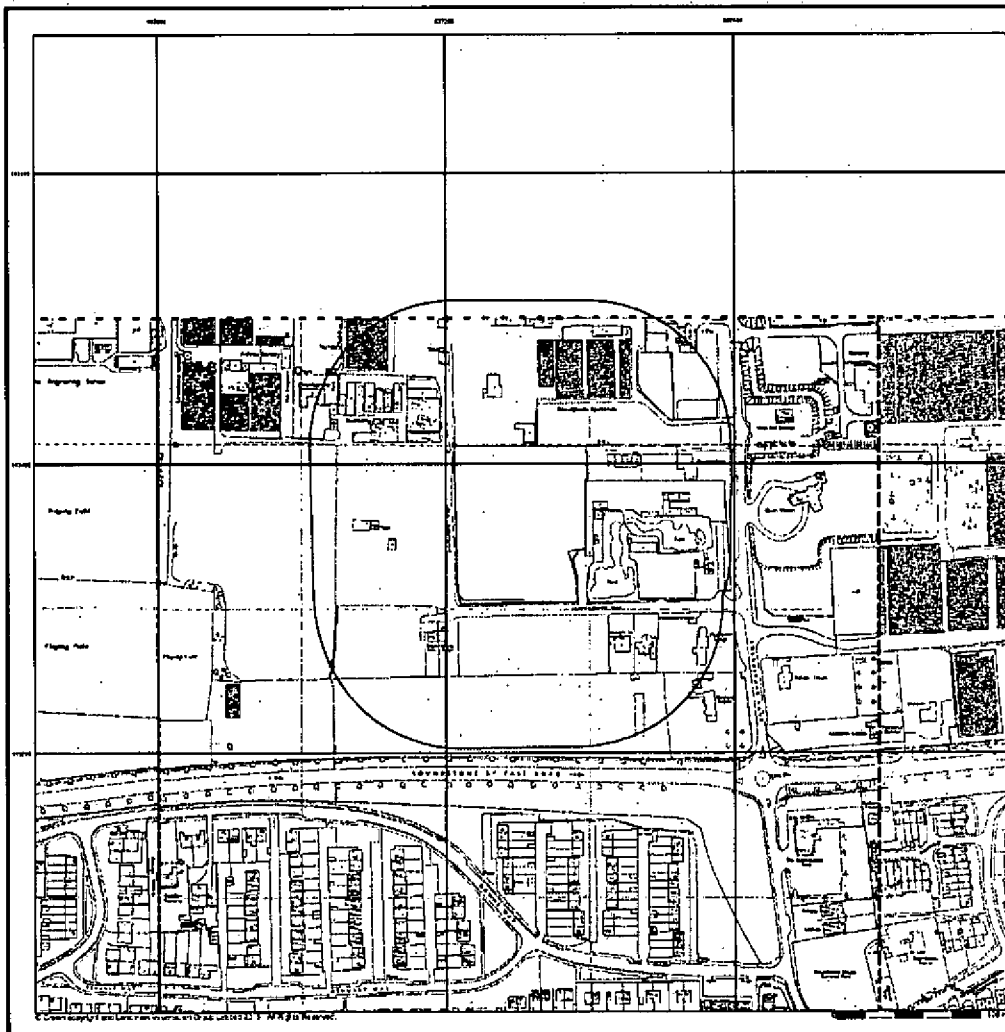
Site Details

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**Additional SIMs
Published 1977 - 1990**

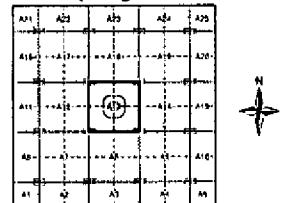
Source map scale - 1:1,250

The soils maps (Geotechnical Survey's 'Survey of Information on Mortality')
letters, color editions of mapping which were produced and published in
between the main editions as an area was updated. They date from 1947
1954, and contain detailed information on buildings, roads and services.
These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 104726713_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 100

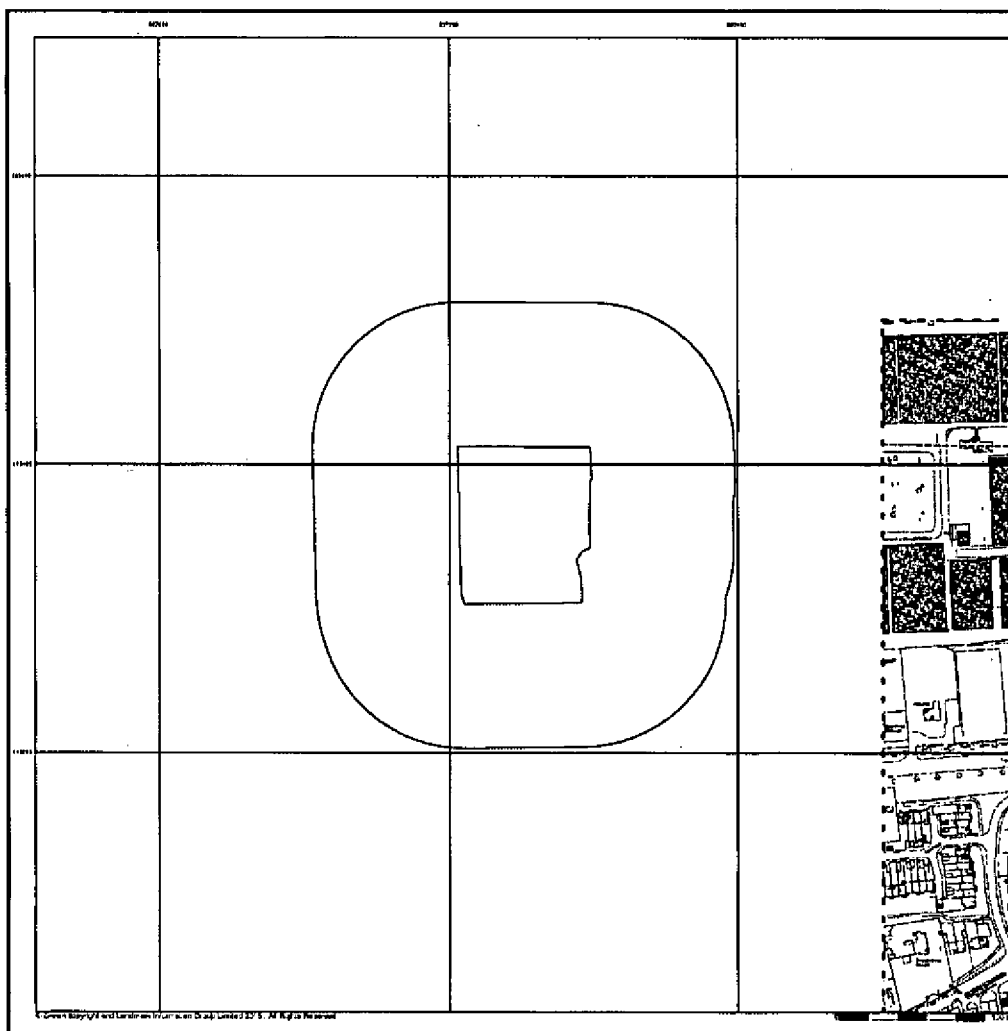
Site Details

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Ordnance Survey Plan

Published 1979

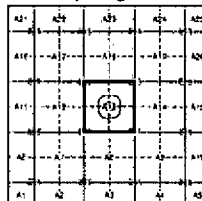
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:12,500 scale was adopted for mapping urban areas and by 1888 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 1930, 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 adjoining areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 104725713_1_1
Customer Ref: 15305
National Grid Reference: 507250, 103360
Scale: A
Site Area (Ha): 0.96
Search Buffer (m): 100

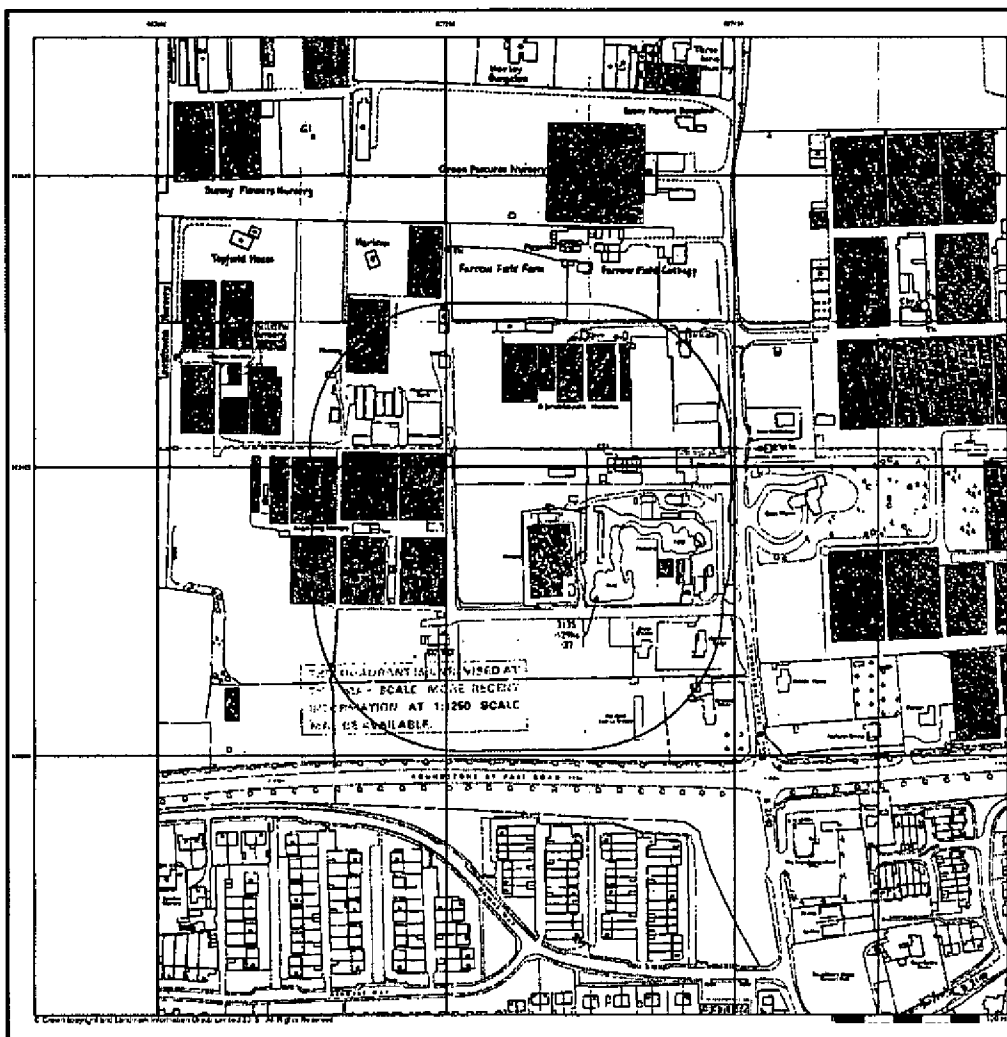
Site Details

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Fax: 01323 810001
Email: sales@landmark.co.uk
Web: www.landmark.co.uk

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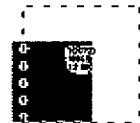
Additional SIMs

Published 1885

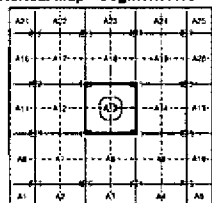
Source map scale - 1:2,500

The SIMs (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 1954, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 104726713_1_1
Customer Ref: 15305
National Grid Reference: 507250, 103360
Scale: A
Site Area (Ha): 0.86
Search Buffer (m): 100

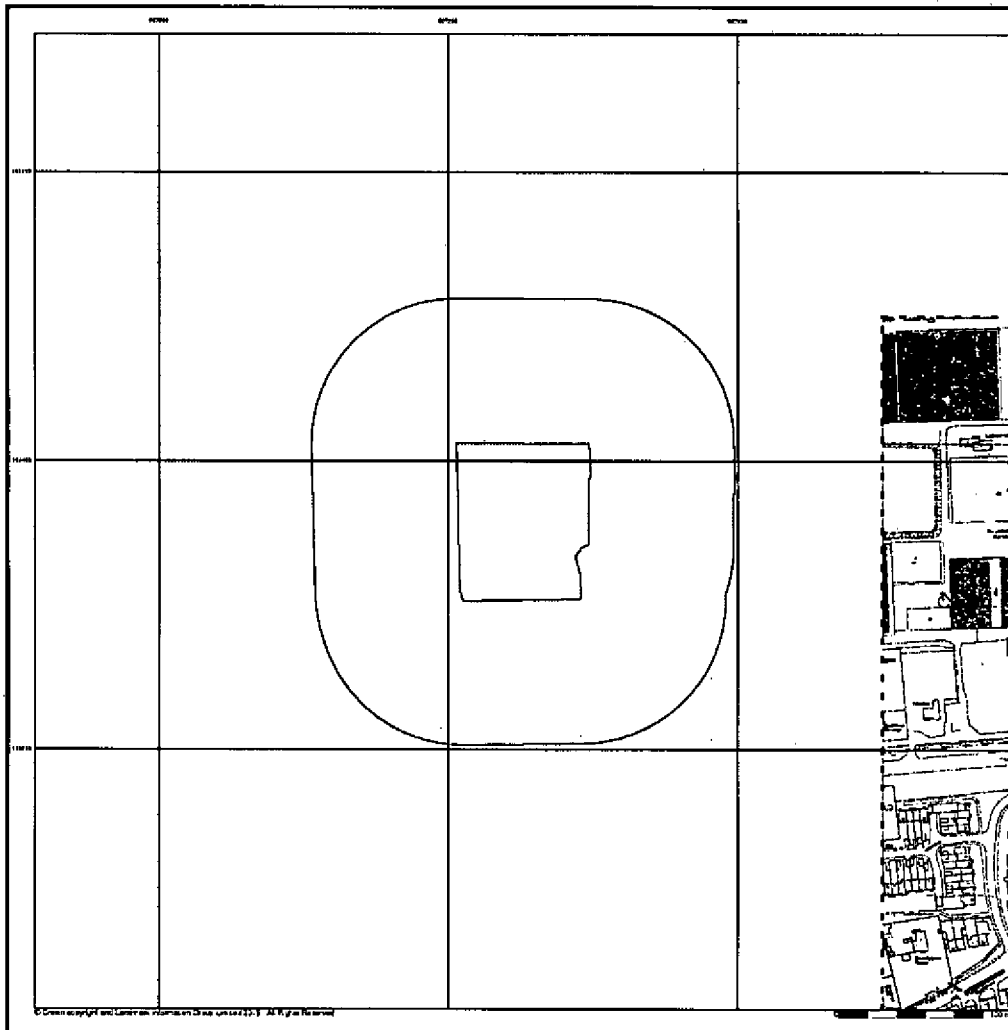
Site Details

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**Additional SIMs
Published 1985**

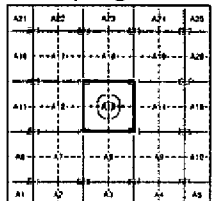
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 104726713_1_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 100

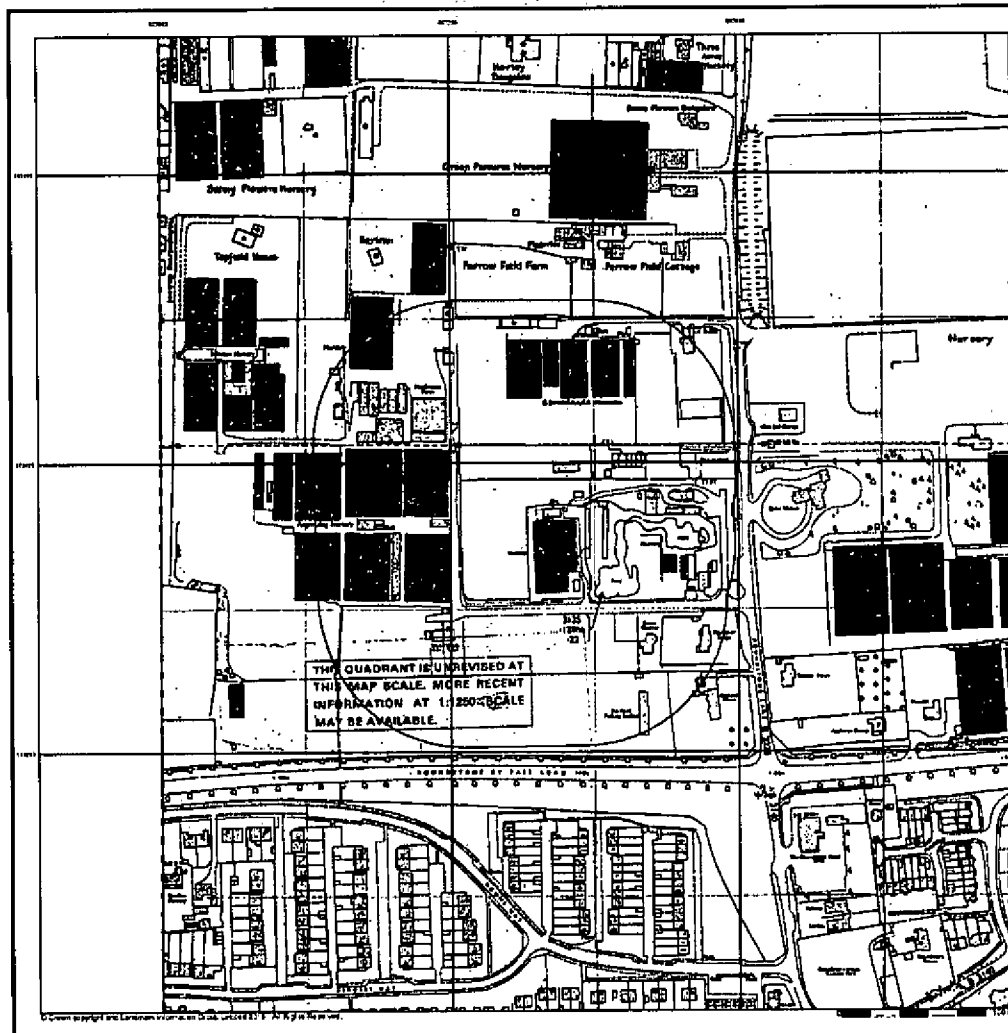
Site Details

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**Additional SIMs
Published 1990**

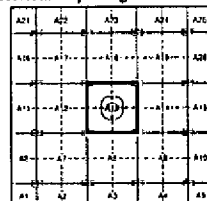
Source map scale - 1:2,600

The SIM series (Conservation Survey's 'Survey of Information on Microfilm') further, minor sections of mapping which were produced and published between the main editions as an area was updated. They date from 194 1954, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,600 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 104726715_1_1
Customer Ref: 15308
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.86
Search Buffer (m): 100

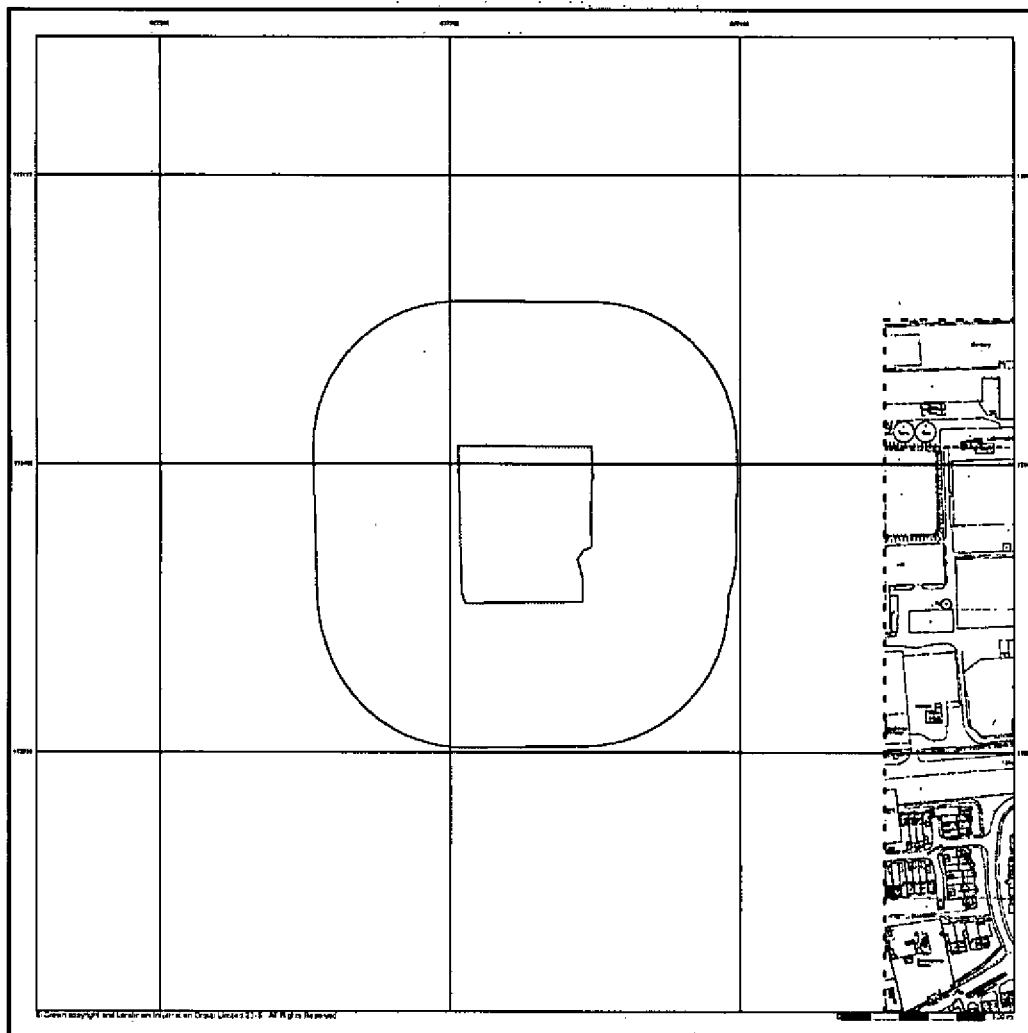
Site Details

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**Additional SIMs
Published 1990**

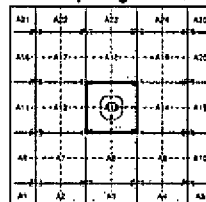
Source map scale - 1:1,250

The site cards (Distances Survey's 'Survey of Information on Landmarks') are further, minor additions or mappings which were produced and published in between the main editions as an area was updated. They date from 1947 to 1956, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 104726713_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 100

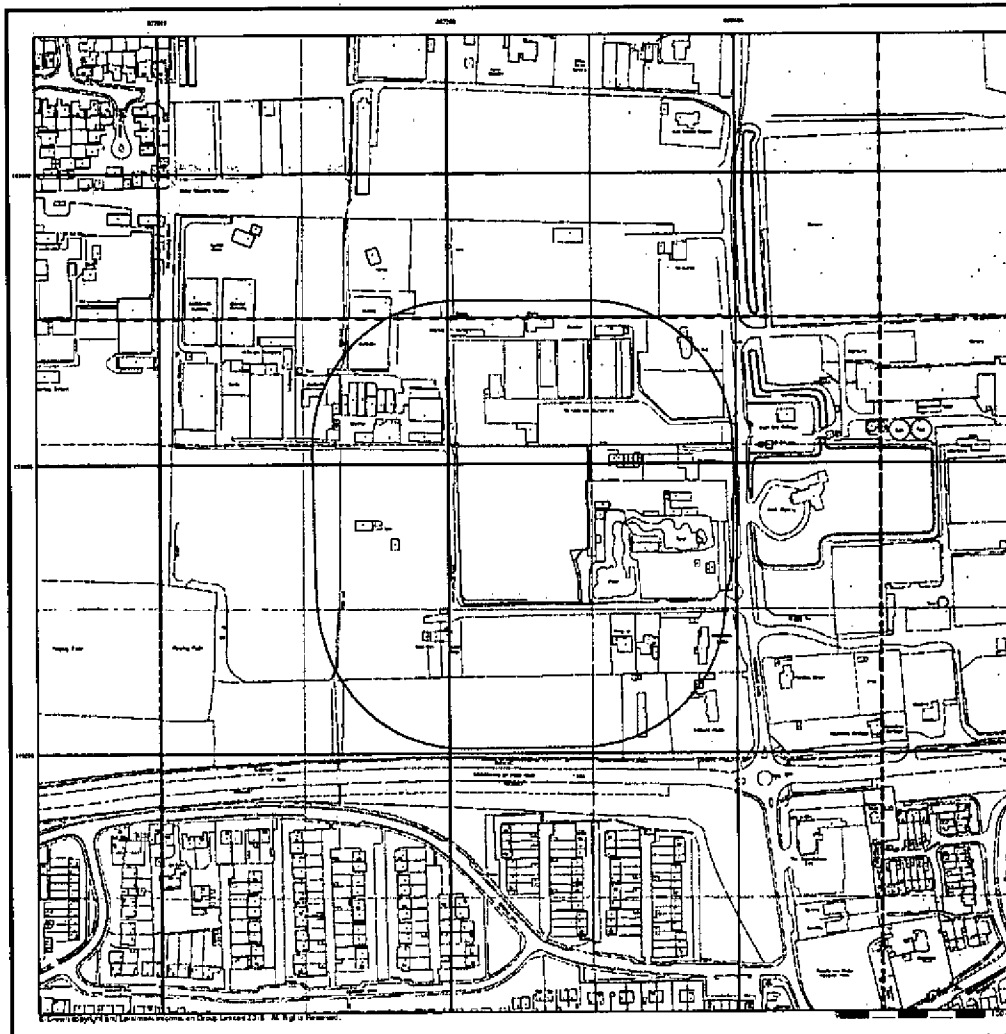
Site Details

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**Large-Scale National Grid Data
Published 1984**

Source map scale - 1:1,250

Large Scale National Grid Data superimposed data covers (Ordnance Survey Survey of Information on Microfilm) in 1982, and continues to be produced until 1995. These maps were the first example 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)

1. TOPOSHEET S64 1:1,250	2. TOPOSHEET S64 1:1,250	3. TOPOSHEET S64 1:1,250
4. TOPOSHEET S64 1:1,250	5. TOPOSHEET S64 1:1,250	6. TOPOSHEET S64 1:1,250

Historical Map - Segment A13

A21	A22	A23	A24	A25
A16	A17	A18	A19	A20
A11	A12	A13	A14	A15
A6	A7	A8	A9	A10
A1	A2	A3	A4	A5



Order Details

Order Number: 104725713_1_1
Customer Ref: 15305
National Grid Reference: 507250, 103360
S64: A
Site Area (Ha): 0.96
Search Buffer (m): 100

Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

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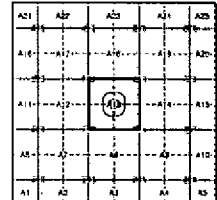


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Historical Aerial Photography
Published 1999

This series photography was produced by Geomapping. These vertical aerial photographs provide a historical, full colour survey of the whole of Great Britain.

Historical Aerial Photography - Segment A13



Order Details

Order Number: 104726713_1_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.95
Search Buffer (m): 100

Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

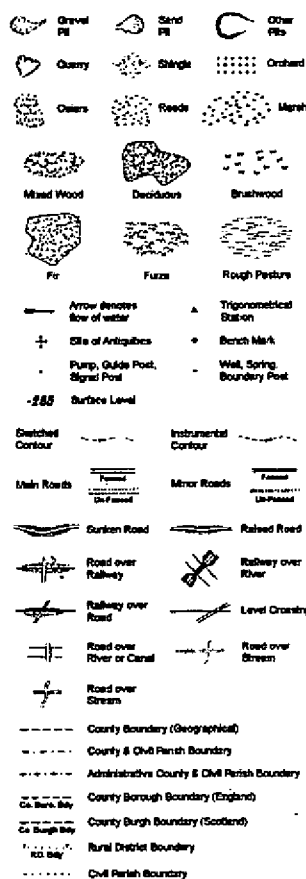
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Email: info@landmark.co.uk

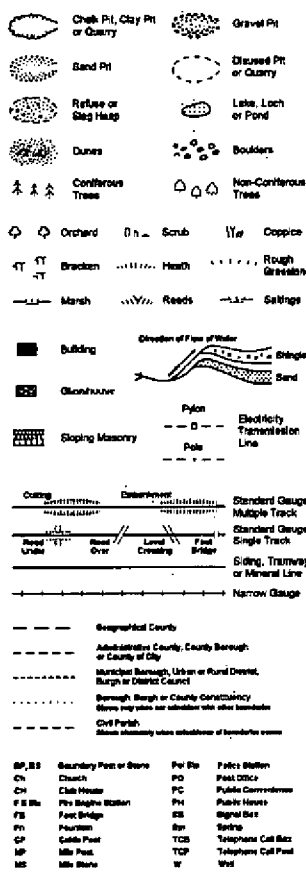
A Landmark Information Group Service. v20.2 15-Nov-2015 Page 15 of 18

Historical Mapping Legends

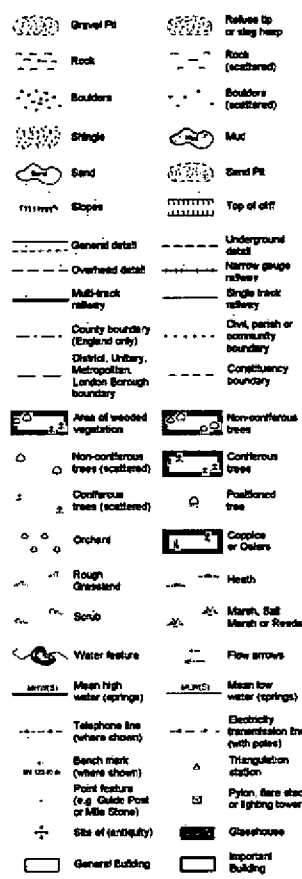
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



1:10,000 Raster Mapping

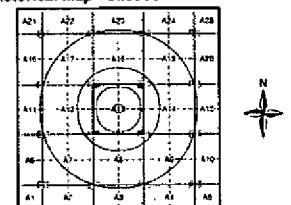


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Historical Mapping & Photography Included:

Source Type	Scale	Date	File
Bathymetry	1:10,000	1979	1
Beacons	1:10,000	1999	2
Contours	1:10,000	1913	3
Contours	1:10,000	1913	4
Contours	1:10,000	1922	5
Contours	1:10,000	1947	6
Historical Aerial Photography	1:10,000	1947	7
Ordnance Survey Plan	1:10,000	1913	8
Ordnance Survey Plan	1:10,000	1922	9
Ordnance Survey Plan	1:10,000	1947	10
Ordnance Survey Plan	1:10,000	1947	11
Ordnance Survey Plan	1:10,000	1947	12
Ordnance Survey Plan	1:10,000	1947	13

Historical Map - Slice A



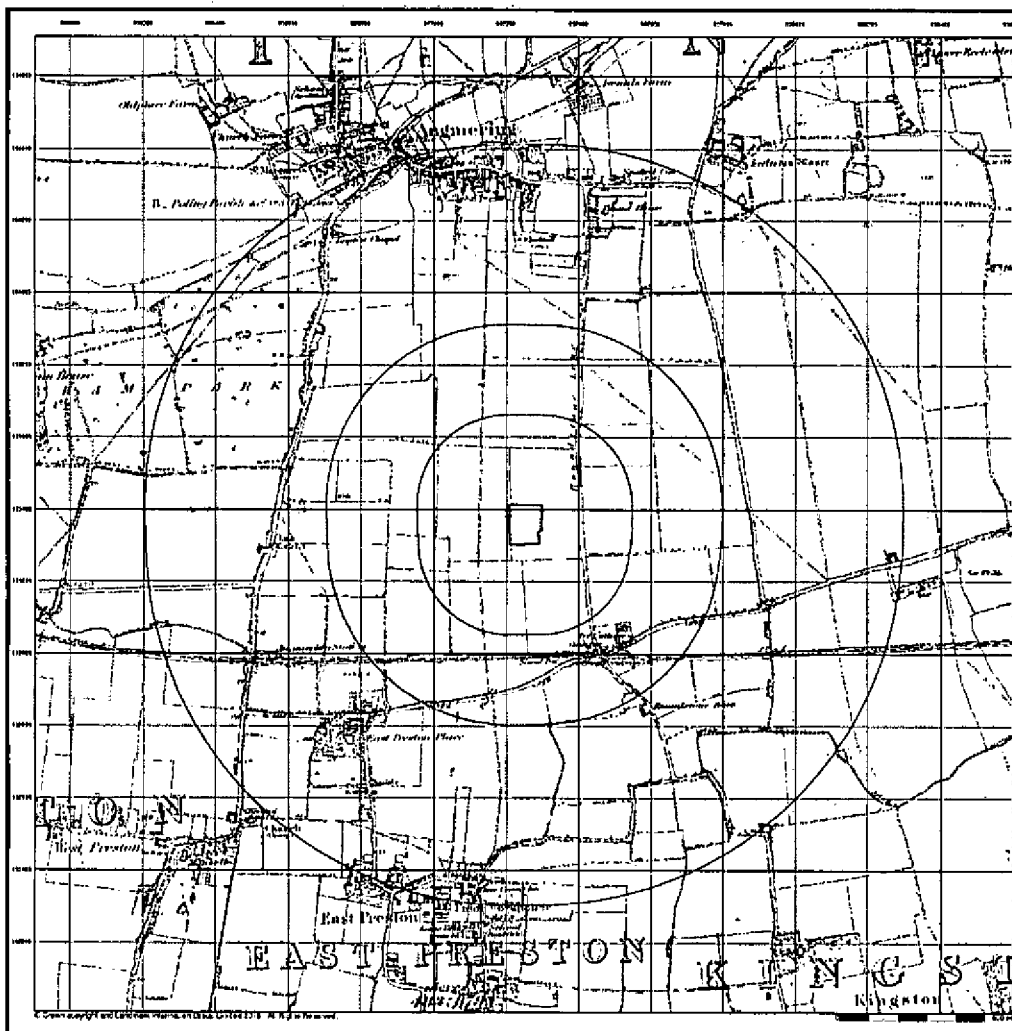
Order Details
Order Number: 104726713_1_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Scale: A
Site Area (Ha): 0.95
Search Buffer (m): 1000

Site Details
Land at Mayflower Way, Angmering, Littlehampton, BN15 4AT

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Established & Incorporated
in England

Sussex

Published 1878

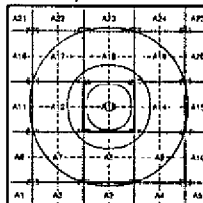
Source map scale - 1:10,580

The reference maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,580 maps. The published data given therefore is often many years later than the surveyed data. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single estate or group of estates, giving rise to significant inaccuracies in copying areas. In the late 1940's, a Provisional Ordnance Survey product, which updated the 1:10,580 mapping from a number of sources. The maps appear unannotated, with all military camps and other strategic sites removed. These maps were initially superseded 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: 104728713_1
Customer Ref: 10306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

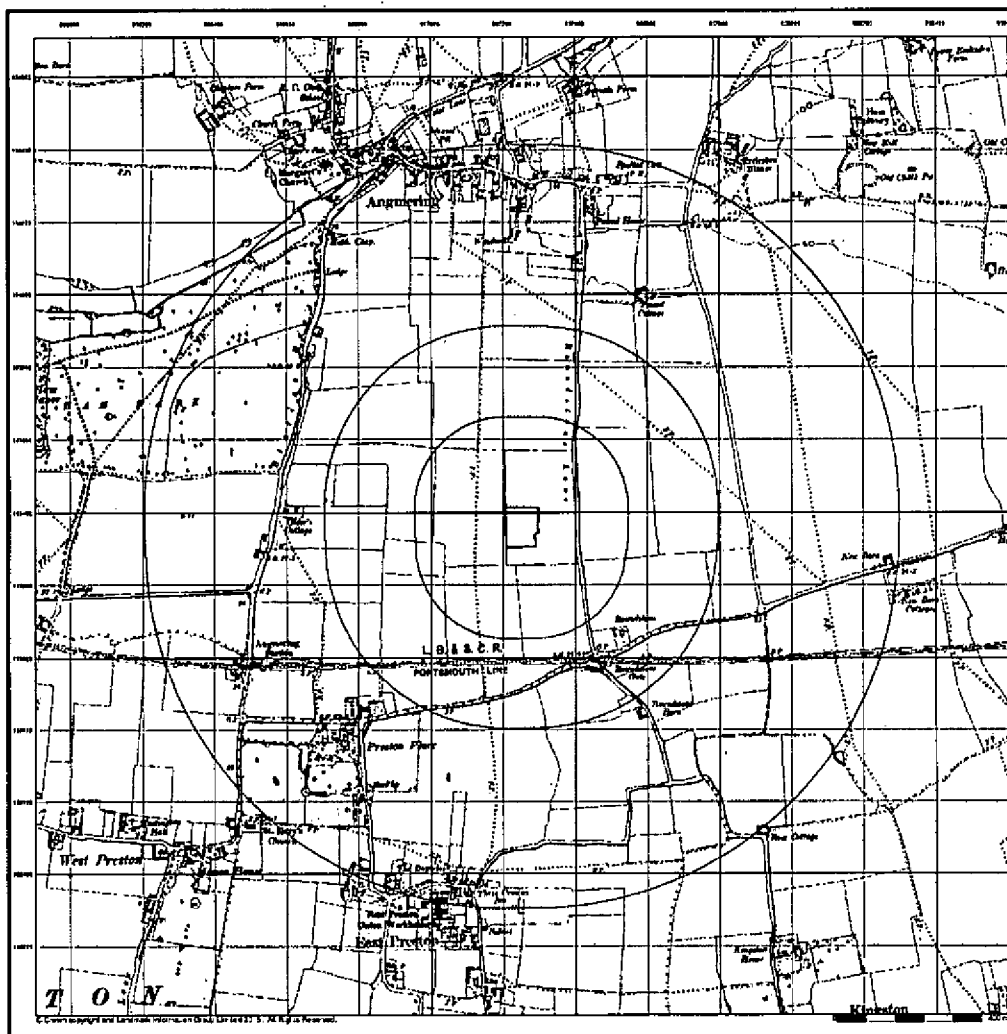
Site Details

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Consultants

Sussex

Published 1899

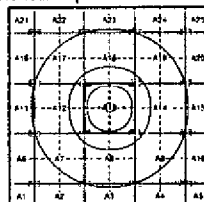
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly in the scale adopted for England, Wales and Scotland in the 1840's. In 1/62,500 scale was adopted for mapping urban areas, these maps were used to update the 1/10,560 maps. The published maps given therefore is often some years later than the surveyed date. Before 1900, 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 detailed areas. In the late 1840's, a Provisional Edition was produced, which updated the 1/10,560 mapping from a number of sources. The maps appear unaltered - with all military camps and other strategic sites removed. These maps were initially overlaid with the National Grid in 1978, the first 1/10,560 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: 104726713_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (ha): 0.96
Search Buffer (m): 1000

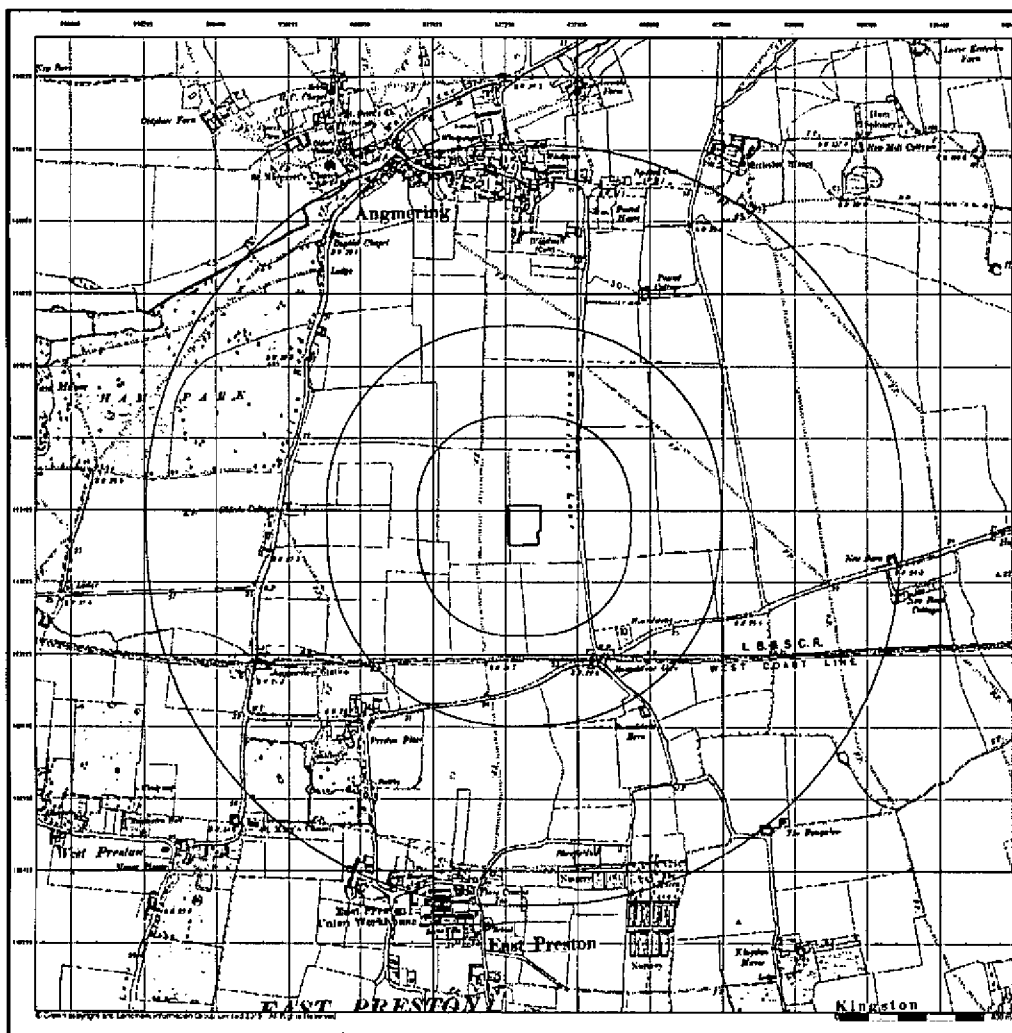
Site Details

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Sussex

Published 1913

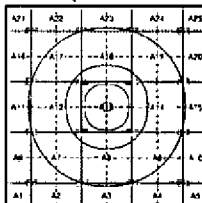
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 the 1:50,000 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given hereafter is 1913 unless stated otherwise. Before 1954, 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 unaltered, with all military camps and other strategic sites removed. These maps were initially overlaid with the National Grid. In 1975, 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: 104728713_1
Customer Ref: 15305
National Grid Reference: 597250, 103360
Slice: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

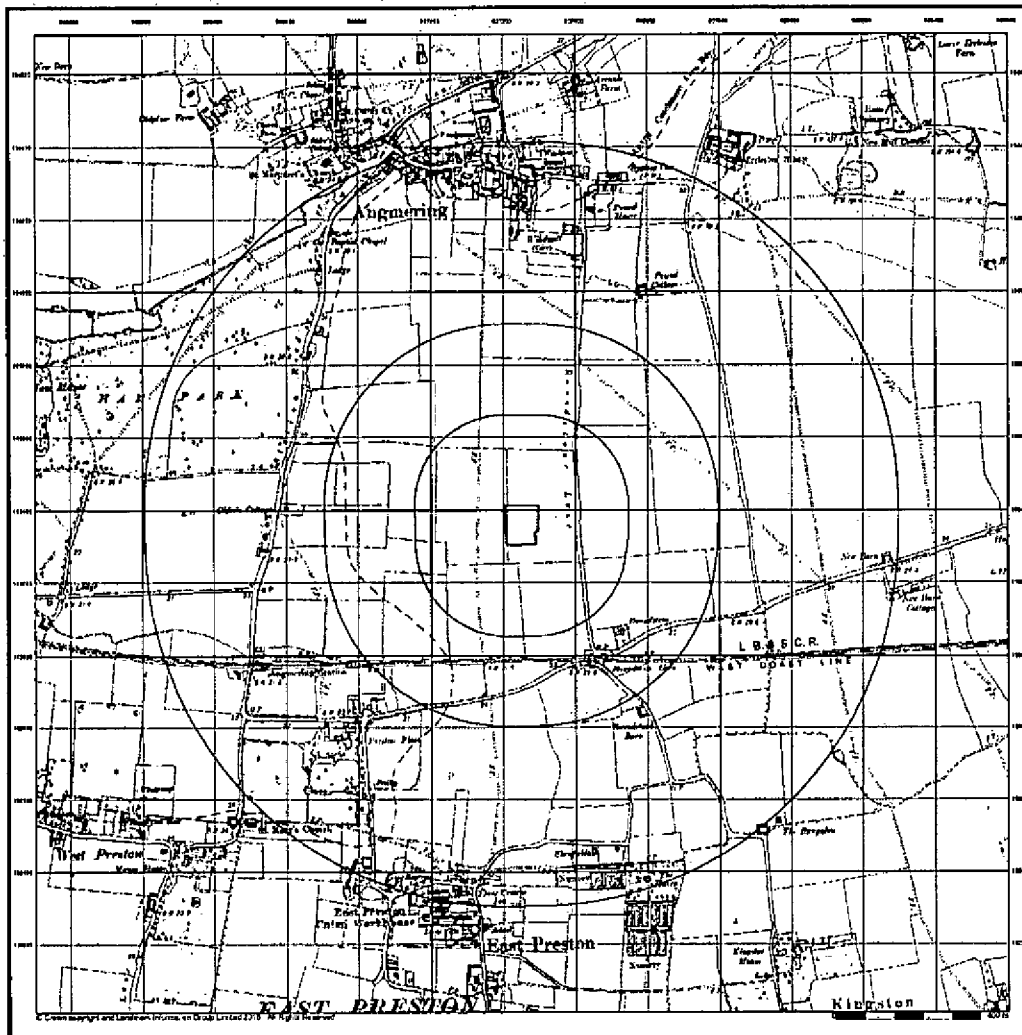
Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

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Consultants

Sussex

Published 1913

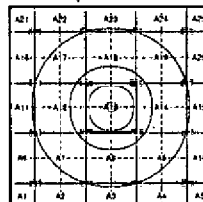
Source map scale - 1:10,560

The historical maps shown here were reproduced from maps predominantly not at the scale adopted for England, Wales and Scotland in the 1840's. At 1:10,560 the 1:25,000 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 unaltered - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,560 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: 104725713_1_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

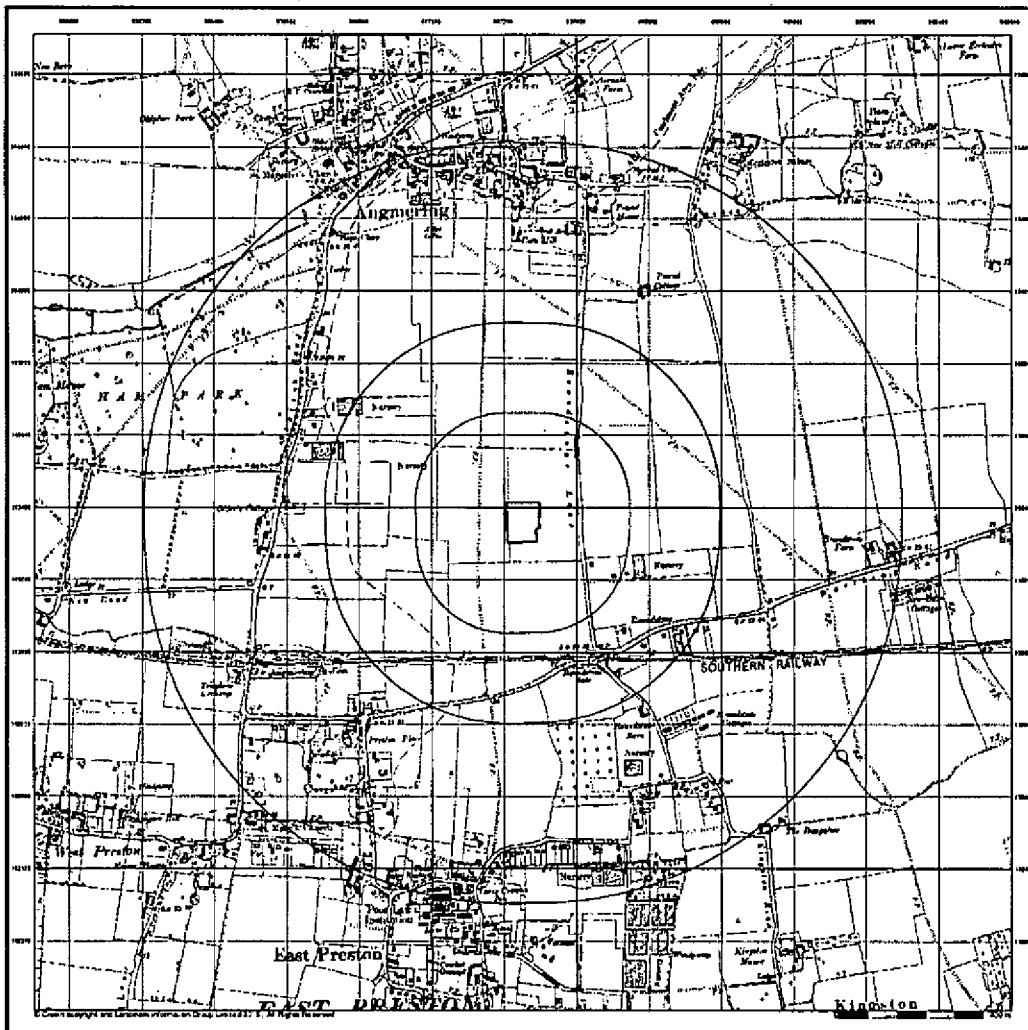
Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

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OSD B4 8227
any contract as at

A Landmark Information Group Service v20.0 15-Nov-2016 Page 5 of 13



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Consultants

Sussex

Published 1832

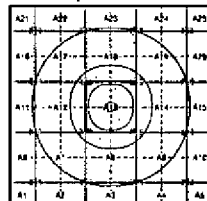
Source map scale - 1:10,580

The historical maps shown were reproduced from maps predominantly held at the scale applied 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 1:10,580 maps. The published date given therefore is often many years later than the surveyed date. Before 1935, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant distortions in survey areas. In the late 1940's, a Projections Edition was produced, which updated the 1:10,580 mapping from a number of sources. The maps appear unaltered - 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 edition 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: 104726713_1_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

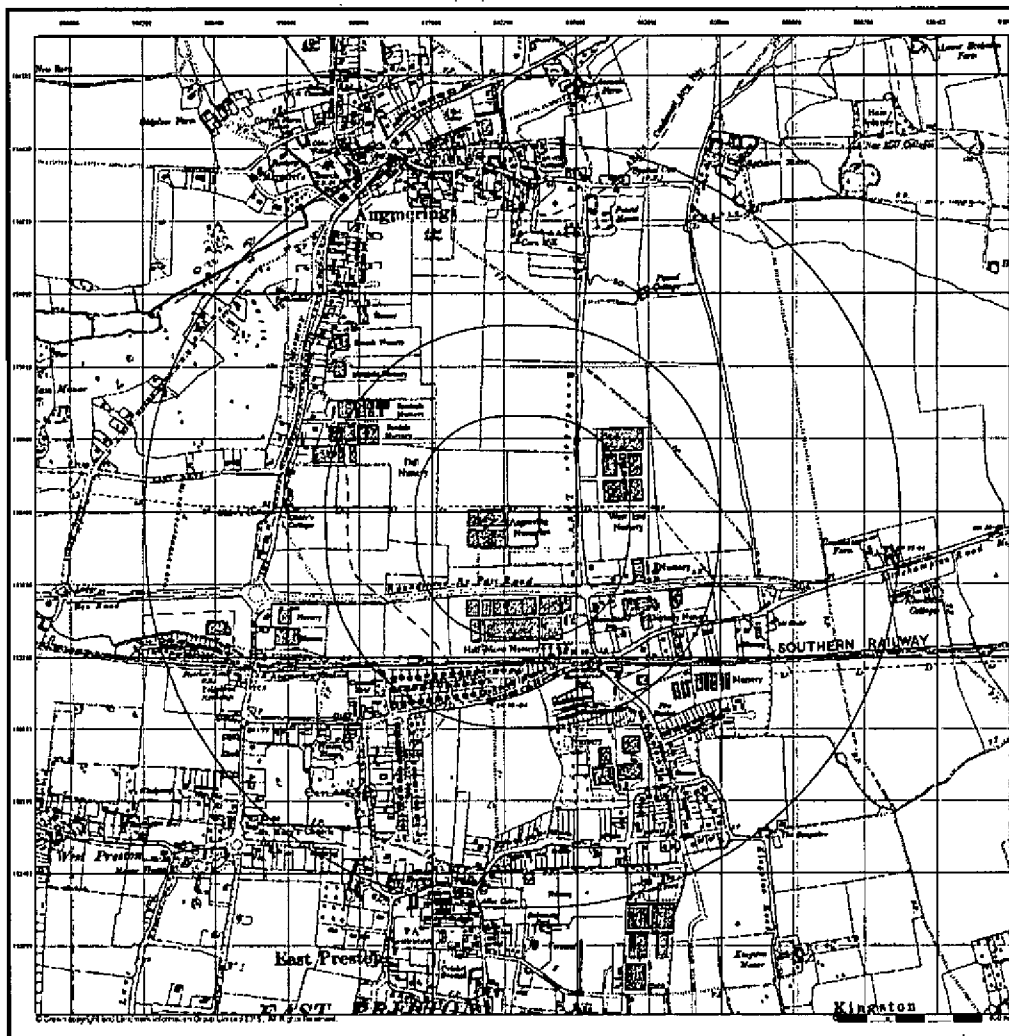
Site Details

Land at Mayflower Way, Arundel, Littlehampton, BN16 4AT

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70%
100%
100%
100%

A Landmark Information Group Service v05.0 10-Nov-2016 Page 6 of 13



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1:11,111
Environmental & Development
Consultants

Sussex

Published 1943

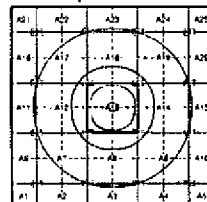
Source map scale - 1:10,660

The historical maps shown were reproduced from maps predominantly at the scale adopted for England, Wales and Scotland in the 1840's. In 1911 the 1:10,660 scale was adopted for mapping urban areas; these maps were used to update the 1:10,660 maps. The published date given therefore is often some years later than the surveyed date. Before 1930, 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 collating areas. In the late 1940's, a Photographic Edition was produced, which updated the 1:10,660 mapping from a number of sources. The maps appear unaltered, with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,660 maps were produced using the Transverse Mercator Projection. The edition present contained well 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: 104726713_1_1
Customer Ref: 18306
National Grid Reference: 807250, 103360
Site: A
Site Area (Ha): 0.86
Search Buffer (m): 1000

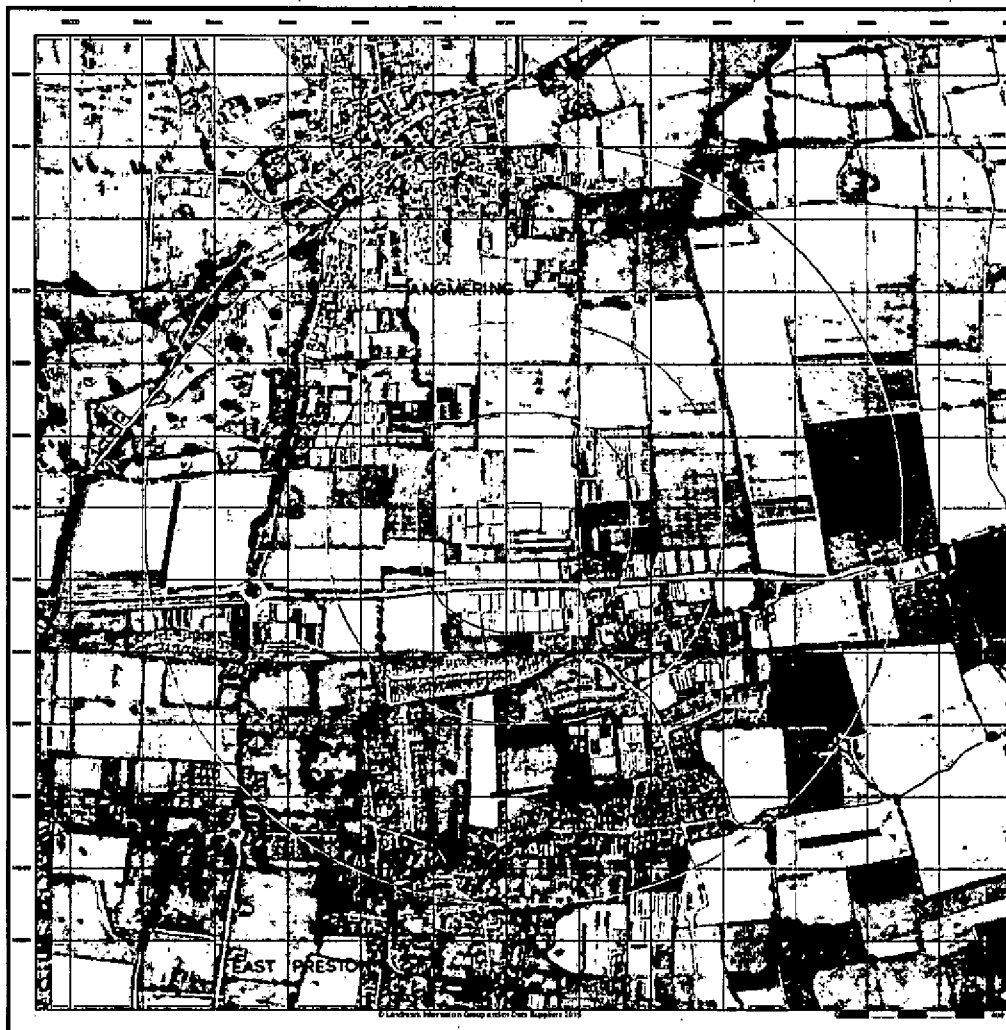
Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

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Historical Aerial Photography Published 1947

Source map scale - 1:10,560

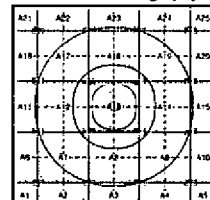
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,000 from air force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was rechecked for potentially sensitive information with security sites replaced by black fields or clouds. The original editions were wide-area and only later made available after a period of 50 years although due to the accuracy of the aerial, without viewing both versions it is not easy to spot the edits. Where available Landmark have included both versions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



Order Details

Order Number: 104726713_1_1
Customer Ref: 15305
National Grid Reference: 807250, 103360
Slice: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

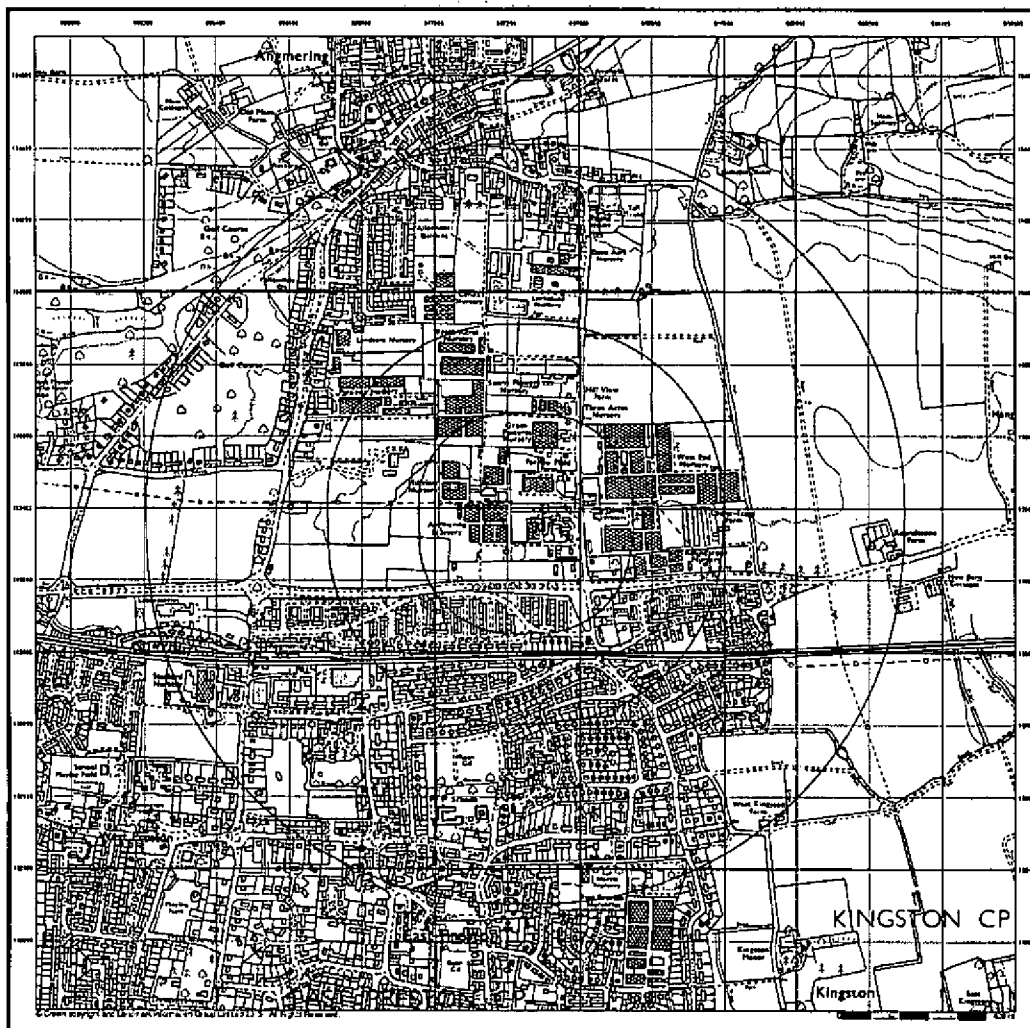
Site Details

Land at Mayflower Way, Angering, Litherhampton, BN16 4AT

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Ordnance Survey Plan

Published 1876

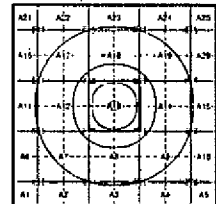
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's to 1850's. The 1:2,000 scale was adopted for mapping urban areas, these maps were used to update the 1:10,000 maps. The published date given indicates a date some years later than the surveyed date. Before 1824, 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 adjoining areas. In the late 1840's, a Provisional Edition was produced, which updated the 1:10,000 mapping from a number of sources. The maps appear unaltered - with all military camps and other strategic sites removed. These maps were finally incorporated 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: 104728713_1_1
Customer Ref: 15305
National Grid Reference: 507250, 103350
Slice: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

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10k Raster Mapping
Published 2000

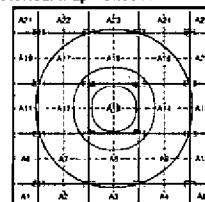
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 outdoor raster mapping. These maps are derived from Landraps which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and local boundaries as well as roads, rivers and parks. Road names are also included together with the relevant road number and classification. Boundary information (county, borough, county, unitary authority, district, civil parish and constituency)

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 104726713_1_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

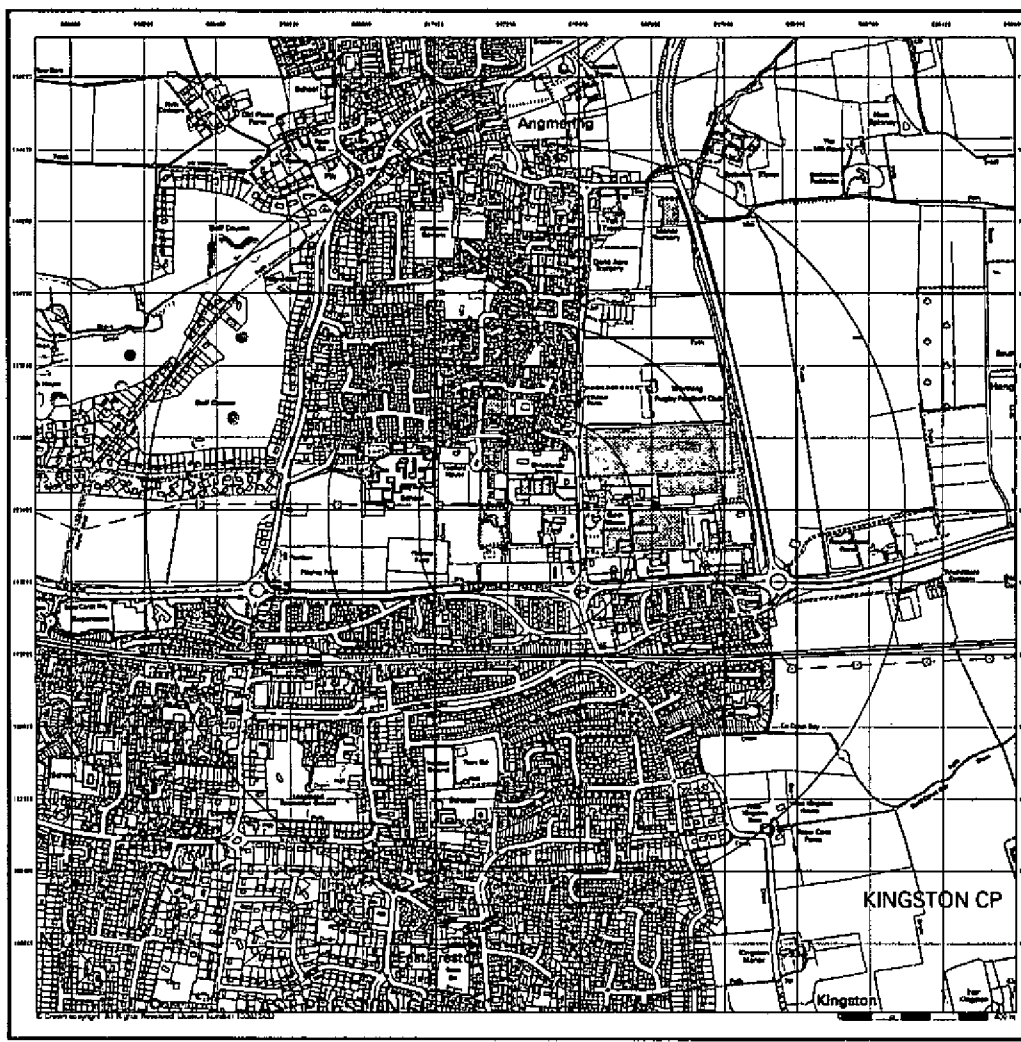
Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

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1:10,000
1:10,000
1:10,000
1:10,000

A Landmark Information Group Service - 020 3 1540000 15-Nov-2016 Page 11 of 12



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10k Raster Mapping

Published 2006

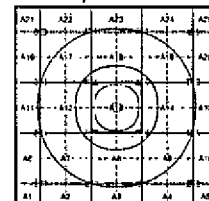
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:50,000 aerial photography. These maps are derived from a map which replaced the old 1:50,000 maps originally published in 1972. The data is highly detailed showing buildings, trees and land boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and designation. Boundary information depicts the relevant county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 104726713_1_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.86
Search Buffer (m): 1000

Site Details

Land of Mayflower Way, Angmering, Littlehampton, BN16 4AT

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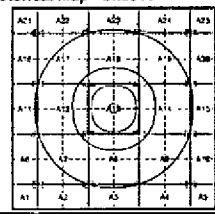
VectorMap Local
Published 2016
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 104726713_1_1
Customer Ref: 15306
National Grid Reference: 607250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN18 4AT

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Appendix B Landmark Envirocheck Report

Envirocheck® Report: Datasheet

Order Details:

Order Number:

104726713_1_1

Customer Reference:

15306

National Grid Reference:

507250, 103360

Slice:

A

Site Area (Ha):

0.96

Search Buffer (m):

1000

Site Details:

Land at Mayflower Way

Angmering

Littlehampton

BN16 4AT

Client Details:

Mr N Lambert

Soils Ltd

Newton House

Cross Road

Tadworth

Surrey

KT20 5SR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	12
Geological	13
Industrial Land Use	15
Sensitive Land Use	27
Data Currency	28
Data Suppliers	33
Useful Contacts	34

Introduction

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

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v50.0

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		n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		5	3	7
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 5		1	1	2
Local Authority Pollution Prevention and Control Enforcements	pg 5		1		
Nearest Surface Water Feature	pg 5		Yes		
Pollution Incidents to Controlled Waters	pg 5		1		1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 6				1
River Quality Biology Sampling Points					
Substantiated Pollution Incident Register					
River Quality Chemistry Sampling Points					
Water Abstractions	pg 6			6	(*11)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 10	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines					n/a
Detailed River Network Offline Drainage	pg 10		Yes		n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 11				1
Local Authority Landfill Coverage	pg 11	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 11				1
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 11				2
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 12			1	
Planning Hazardous Substance Consents	pg 12		1		
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 13	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 13	Yes	Yes		Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 13	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 13	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 13	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 14	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 14	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 15		21	11	29
Fuel Station Entries	pg 20			1	1
Points of Interest - Commercial Services	pg 20		6	6	11
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 22		19	7	14
Points of Interest - Public Infrastructure	pg 25		1	1	3
Points of Interest - Recreational and Environmental	pg 26		1	1	3
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
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	pg 27				1
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 27		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: Limited Potential for Groundwater Flooding to Occur	A13NW (E)	0	2	507251 103360
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	0	2	507250 103360
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	52	2	507350 103360
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	206	2	507000 103360
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	209	2	507000 103300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	224	2	507000 103500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	235	2	507000 103200
1	Discharge Consents Operator: T & H Motor Services Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: T & H Motor Services, Mayflower Way, Angmering, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02859 Permit Version: 1 Effective Date: 4th April 1990 Issued Date: 4th April 1990 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Into Land Receiving Water: Into Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A13SE (E)	33	3	507330 103350
2	Discharge Consents Operator: Humber Vhb Limited Property Type: FARMS (NOT HOUSE/CROP + ANIMAL REARING/PLANT NURSERY) Location: A Sewage Treatment Plant Servng, West End Nursery, Humber Vhb Lt, Roundstone Lane, Angmering, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P09757 Permit Version: 2 Effective Date: 21st December 2012 Issued Date: 21st December 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Into Land Receiving Water: Into Land Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13NE (E)	175	3	507470 103440
2	Discharge Consents Operator: Humber Vhb Limited Property Type: FARMS (NOT HOUSE/CROP + ANIMAL REARING/PLANT NURSERY) Location: A Sewage Treatment Plant Servng, West End Nursery, Humber Vhb Lt, Roundstone Lane, Angmering, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P09757 Permit Version: 1 Effective Date: 10th August 2001 Issued Date: 10th August 2001 Revocation Date: 20th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Into Land Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13NE (E)	175	3	507470 103440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Mrs P. Birdsall Property Type: FARMS (NOT HOUSE/CROP + ANIMAL REARING/PLANT NURSERY) Location: Green Pastures Nursery, Off Roundstone Lane, East Preston, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00873 Permit Version: 1 Effective Date: 17th March 1987 Issued Date: 17th March 1987 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Into Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	186	3	507150 103600
4	Discharge Consents Operator: Roundstone Nursery Wholesale Property Type: FARMS (NOT HOUSE/CROP + ANIMAL REARING/PLANT NURSERY) Location: Roundstone Nursery, Roundstone Lane, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02730 Permit Version: 1 Effective Date: 25th January 1990 Issued Date: 25th January 1990 Revocation Date: 8th October 2013 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Into Land Status: Revoked under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A13SE (E)	220	3	507510 103280
5	Discharge Consents Operator: Roundstone Garden Centre Ltd. Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Roundstone Garden Centre, Angmering, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: N01461 Permit Version: 1 Effective Date: 11th April 1983 Issued Date: 11th April 1983 Revocation Date: 26th July 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater Stream Or River Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A14SW (E)	343	3	507630 103250
6	Discharge Consents Operator: Worthing Rugby Football Club Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THHEME PK/SPA Location: Club Headquarters, Worthing Rugby Football Club, Roundstone Lane, Angmering Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N02979 Permit Version: 2 Effective Date: 21st December 2012 Issued Date: 21st December 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Into Land Environment: Receiving Water: Into Land Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SW (NE)	476	3	507610 103770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: Worthing Rugby Football Club, Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Club Headquarters, Worthing Rugby Football Club, Roundstone Lane, Angmering Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N02879 Permit Version: 1 Effective Date: 8th May 1979 Issued Date: 8th May 1979 Revocation Date: 20th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Into Land Receiving Water: Into Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	476	3	507610 103770
7	Discharge Consents Operator: Desoutter Products Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Wash Basin, Paint Shop Extension, Station Road,, East Preston,, Littlehampton, Sussex. Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N03217 Permit Version: 1 Effective Date: 18th May 1979 Issued Date: 18th May 1979 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Into Land Receiving Water: Into Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	569	3	506780 102920
8	Discharge Consents Operator: Michael And Nicholas Milnes Property Type: FARMS (NOT HOUSE/CROP + ANIMAL REARING/PLANT NURSERY Location: Commercial Building Junc. Angmering By Pass, Roundstone Farm, Littlehampton Road, Ferring, West Sussex, BN12 6pw Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: P12462 Permit Version: 1 Effective Date: 12th August 2005 Issued Date: 12th August 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib. Ferring 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	A14SE (E)	644	3	507937 103270
9	Discharge Consents Operator: Southern Water Services Limited. + Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Station Road Rustington Combined Sewer Overflow, Station Road, East Preston, Littlehampton, West Sussex, BN16 3ag Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: Npswqd005091 Permit Version: 1 Effective Date: 15th December 2008 Issued Date: 15th December 2008 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: A Culverted Watercourse 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	A7NW (SW)	806	3	508494 102934

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: W Darlington & Sons Property Type: Undefined Or Other Location: Mushroom Spawning Houses, Station Road, Angmering, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01755 Permit Version: 1 Effective Date: 11th September 1968 Issued Date: 11th September 1968 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	904	3	506340 103060
11	Discharge Consents Operator: West Sussex County Council Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: New By-Pass, Rustington, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P02333 Permit Version: 1 Effective Date: 12th June 1989 Issued Date: 12th June 1989 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	951	3	506270 103160
12	Discharge Consents Operator: W Darlington & Sons Property Type: Undefined Or Other Location: Mushroom Spawning Houses, Station Road, Angmering, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01755 Permit Version: 1 Effective Date: 11th September 1968 Issued Date: 11th September 1968 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	959	3	506280 103070
13	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Angmering Green, Angmering, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01771 Permit Version: 1 Effective Date: 7th February 1969 Issued Date: 7th February 1969 Revocation Date: Not Supplied Discharge Type: Public Sewage; Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where Issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	996	3	506770 104310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Local Authority Pollution Prevention and Controls Name: Town & Country Paving Ltd Location: Unit 10 Shrubland Nurseries, Roundstone Lane, Angmering, Littlehampton, BN16 4AT Authority: Arun District Council, Environmental Health Department Permit Reference: 2923 Dated: 18th March 1997 Process Type: Local Authority Air Pollution Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Authorisation revoked/Revoked Positional Accuracy: Manually positioned to the address or location	A13NE (N)	54	4	507288 103466
15	Local Authority Pollution Prevention and Controls Name: East Preston Launderette Location: 132 Downs Way, East Preston, Bn16 1af Authority: Arun District Council, Environmental Health Department Permit Reference: 8284 Dated: 27th February 2008 Process Type: Local Authority Air Pollution Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	310	4	507405 103016
16	Local Authority Pollution Prevention and Controls Name: Texaco Ltd Supreme Garage Location: Station Road, Angmering, LITTLEHAMPTON, West Sussex, BN16 3RB Authority: Arun District Council, Environmental Health Department Permit Reference: 1849 Dated: 20th November 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorisation revoked/Revoked Positional Accuracy: Automatically positioned to the address	A12SW (W)	703	4	506534 103114
17	Local Authority Pollution Prevention and Controls Name: Kingfisher Cleaners Location: Shop 3 Station Parade, Station Road, East Preston, Bn16 3ae Authority: Arun District Council, Environmental Health Department Permit Reference: 8104 Dated: 31st October 2007 Process Type: Local Authority Air Pollution Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	872	4	506442 102891
18	Local Authority Pollution Prevention and Control Enforcements Location: Unit 10 Shrubland Nurseries, Roundstone Lane, Angmering, Littlehampton, West Sussex, Bn16 4at Type: Air Pollution Control Enforcement Notice Reference: EPA/1/97 Date Issued: 30th October 2001 Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Automatically positioned in the proximity of the address	A13NE (NE)	50	4	507334 103446
	Nearest Surface Water Feature	A13NW (W)	33	-	507174 103359
19	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Fallow Field, Roundstone Lane, ANGMERING Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Fire water / Foam Note: Tyre Fire; Miscellaneous Premises: Other Incident Date: 11th July 1995 Incident Reference: 1353 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	3	3	507300 103400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Blakes Farm Road Authority: Environment Agency, Southern Region Pollutant: Surcharged Sewage Note: Sewage In Gill Incident Date: 28th April 1998 Incident Reference: 2629 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Sewage - Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	771	3	508000 103000
	River Quality Name: Black Ditch GQA Grade: River Quality D Reach: Tidal R. Arun - Clapham Stw Estimated Distance (km): 8.2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A17NE (NW)	970	3	506797 104292
21	Water Abstractions Operator: Van Heyningen Bros. Ltd Licence Number: 10/41/414002 Permit Version: 100 Location: West End Nurseries Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land And Buildings At West End Nurseries, Roundstone Lane, East Preston Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 11th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	270	3	507540 103530
22	Water Abstractions Operator: Roundstone Garden Centre Ltd Licence Number: 10/41/310106 Permit Version: 101 Location: Roundstone Nursery Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: 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: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th May 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	355	3	507640 103240
22	Water Abstractions Operator: R I Cahn Esq Licence Number: 10/41/310106 Permit Version: 100 Location: Roundstone Nursery Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: 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: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th January 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SW (E)	355	3	507640 103240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Water Abstractions Operator: L Bilotti Licence Number: 24/058 Permit Version: Not Supplied Location: Roundstone Lane, ANGMERING Authority: Environment Agency, Southern Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 57 Yearly Rate (m3): 11400 Details: H5 Chalk 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	A18SW (NW)	368	3	507030 103735
23	Water Abstractions Operator: A Natale Licence Number: 24/057 Permit Version: Not Supplied Location: Roundstone Lane, ANGMERING Authority: Environment Agency, Southern Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 57 Yearly Rate (m3): 11400 Details: H5 Chalk 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	A18SW (NW)	372	3	507030 103740
24	Water Abstractions Operator: Fresh Acres Nurseries Ltd Licence Number: 10/41/414018 Permit Version: 100 Location: Fresh Acres Nurseries Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th July 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (N)	413	3	507140 103820
	Water Abstractions Operator: Ham Manor Golf Club Ltd Licence Number: 10/41/414009 Permit Version: 100 Location: Black Ditch At Ham Manor Golf Club Authority: Environment Agency, Southern Region Abstraction: Golf Courses: 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: See Licence Map. Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 31st March 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SW (W)	1419	3	505870 103890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: P Langmead Esq Licence Number: 310112 Permit Version: Not Supplied Location: Roundstone Farm, FERRING Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1820 Yearly Rate (m3): 77270 Details: H5 Chalk 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	A20NW (NE)	1461	3	508580 104110
	Water Abstractions Operator: Mr P Langmead Licence Number: 10/41/310112 Permit Version: 100 Location: Roundstone Farm Ferring 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): 1820 Yearly Rate (m3): 77270 Details: See License Map Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1465	3	508580 104120
	Water Abstractions Operator: Mr Fox Esq Licence Number: 10/41/310103 Permit Version: 100 Location: Reynards Nursery 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: Land And Buildings Of Nursery At Hangleton Lane, Ferring Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 1971 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1611	3	508900 103570
	Water Abstractions Operator: Rustington Golf Centre Ltd Licence Number: 10/41/414021 Permit Version: 101 Location: Black Ditch At Ham Manor Farm Rustington Authority: Environment Agency, Southern Region Abstraction: Golf Courses: Spray Irrigation - Storage 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 November Authorised End: 31 March Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1766	3	505620 104190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Rustington Golf Centre Ltd Licence Number: 10/41/414021 Permit Version: 101 Location: Black Ditch At Ham Manor Farm Rustington Authority: Environment Agency, Southern Region Abstraction: Golf Courses: 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: See Licence Map. Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1766	3	505620 104190
	Water Abstractions Operator: Rustington Golf Centre Ltd Licence Number: 10/41/414021 Permit Version: 100 Location: Black Ditch At Ham Manor Farm Rustington Authority: Environment Agency, Southern Region Abstraction: Golf Courses: 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: See Licence Map. Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 4th July 1996 Permit End Date: 31st December 2001 Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1766	3	505620 104190
	Water Abstractions Operator: Rustington Golf Centre Ltd Licence Number: 10/41/414021 Permit Version: 100 Location: Black Ditch At Ham Manor Farm Rustington Authority: Environment Agency, Southern Region Abstraction: Golf Courses: 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): 1500 Yearly Rate (m3): 2500 Details: See Licence Map. Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 4th July 1996 Permit End Date: 31st December 2001 Positional Accuracy: Unknown	A16NW (NW)	1766	3	505620 104190
	Water Abstractions Operator: Southern Water Services Ltd Licence Number: 10/41/310009 Permit Version: 100 Location: Aquadom Station Road Rustington Borehole 2 Authority: Environment Agency, Southern Region Abstraction: Private Water Undertaking: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Unknown	A6SW (SW)	1797	3	505630 102450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Southern Water Services Ltd Licence Number: 10/41/310009 Permit Version: 100 Location: Aquadom Station Road Rustington Borehole 1 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	1797	3	505630 102450
	Water Abstractions Operator: Richard J Pierce Licence Number: 2/136A Permit Version: Not Supplied Location: Paris Farm, HADLOW Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Spring Daily Rate (m3): 727 Yearly Rate (m3): 9092 Details: Additional Purpose: Spray Irrigation 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	(NW)	1898	3	506420 105140
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 45 West Sussex and Surrey Scale: 1:100,000	A13NW (E)	0	3	507251 103360
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NW (E)	0	2	507251 103360
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (E)	0	2	507251 103360
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefitting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	Detailed River Network Lines None				
25	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D007	A13NW (W)	193	3	507014 103360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Licensed Waste Management Facilities (Locations) Licence Number: 10107 Location: Arun Works Services, Station Road, East Preston, West Sussex, BN16 3AA Operator Name: Arun District Council Operator Location: Not Supplied Authority: Environment Agency - Southern Region, Sussex Area Site Category: Special Waste Transfer Stations Licence Status: Surrendered Issued: 3rd November 1999 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 7th May 2009 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	732	3	506570 102950
	Local Authority Landfill Coverage Name: Arun District Council - Has no landfill data to supply		0	5	507251 103360
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	6	507251 103360
27	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1976	A23SW (N)	981	-	507011 104374
28	Registered Waste Transfer Sites Licence Holder: Arun District Council Licence Reference: 5/CB/92 Site Location: Council Depot Chemical Store, Warren Road, East Preston, LITTLEHAMPTON, West Sussex, BN16 1BH Operator Location: Civic Centre, Maltravers Road, LITTLEHAMPTON, West Sussex, BN17 5LF Authority: Environment Agency - Southern Region, Sussex Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence known to be surrenderedSurrendered Dated: 1st December 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Chem.Waste Ex H'olders/Beach Litter Chemical Wastes	A7NW (SW)	766	3	506531 102951
28	Registered Waste Transfer Sites Licence Holder: Arun District Council Licence Reference: EAWML10107 Site Location: Arun Works Services (Haz.Waste Store), Station Road, East Preston, Littlehampton, West Sussex Operator Location: Civic Centre, Maltravers Road, LITTLEHAMPTON, West Sussex, BN17 5LF Authority: Environment Agency - Southern Region, Sussex Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 3rd November 1999 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Maximum Waste Permitted By Licence Special Waste (As In Epa 1990:S62 Of 1996 Regs) - As In Working Plan Material With Haz.Code H 1 - Explosive Material With Haz.Code H 9 - Infectious Other Waste/Waste Not Otherwise Specified Skip Waste Prohibited Waste	A7NW (SW)	783	3	506515 102945

Hazardous Substances

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Notification of Installations Handling Hazardous Substances (NIHHS) Name: Roundstone Nurseries Location: Roundstone Lane, LITTLEHAMPTON, West Sussex, BN16 4BD Status: Not Active Positional Accuracy: Automatically positioned in the proximity of the address	A14SW (E)	386	7	507674 103258
30	Planning Hazardous Substance Consents Name: Roundstone Nurseries Location: Roundstone Lane, Angmering, LITTLEHAMPTON, West Sussex, BN16 4 Authority: Arun District Council, Technical Support Unit Application Ref: A/147/92/Hs Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied petroleum gas held at >1.4 bar where amount held is greater than or equal to 25 tonnes Maximum Quantity: 50 Application date: 26th November 1992 Decision: Deemed consent granted between June 1992 and November 1992 Positional Accuracy: Manually positioned to the address or location	A13NE (E)	216	5	507511 103453

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: White Chalk Subgroup	A13NW (E)	0	2	507251 103360
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.6 mg/kg Chromium Concentration: 60 - 80 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (E)	0	2	507251 103360
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.6 mg/kg Chromium Concentration: 60 - 80 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (W)	206	2	507000 103360
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.6 mg/kg Chromium Concentration: 60 - 80 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	689	2	507894 103756
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.6 mg/kg Chromium Concentration: 60 - 80 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	859	2	507403 104264
	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 Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	2	507251 103360
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	2	507251 103360
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	2	507251 103360
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	2	507251 103360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	7	2	507189 103357
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	11	2	507304 103320
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	128	2	507326 103182
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	2	507251 103360
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	2	507251 103360
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	2	507251 103360
	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	2	507251 103360
	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	2	507251 103360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Contemporary Trade Directory Entries Name: P H N Motors Location: Mayflower Way, Angmering, LITTLEHAMPTON, West Sussex, BN16 4AY Classification: Salvage Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	3	-	507284 103311
32	Contemporary Trade Directory Entries Name: Town & Country Paving Ltd Location: 10, Shrublands, Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Concrete Products Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13NE (NE)	50	-	507334 103446
33	Contemporary Trade Directory Entries Name: Roundstone Van Centre Location: Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	69	-	507366 103402
34	Contemporary Trade Directory Entries Name: Hillsons Ltd Location: Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (E)	71	-	507367 103367
34	Contemporary Trade Directory Entries Name: Love Cars Sussex Ltd Location: Mayflower Way, Angmering, LITTLEHAMPTON, West Sussex, BN16 4AY Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	88	-	507383 103328
34	Contemporary Trade Directory Entries Name: Kayjay Motors Location: Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	88	-	507383 103328
34	Contemporary Trade Directory Entries Name: Roundstone Car Sales Location: Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (E)	88	-	507383 103328
35	Contemporary Trade Directory Entries Name: Highdown Coach Works Location: 11/12, Shrublands, Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	82	-	507314 103492
35	Contemporary Trade Directory Entries Name: N S Marine Location: 11-12, Shrublands, Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Marine Engineering Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	82	-	507314 103492
35	Contemporary Trade Directory Entries Name: W M Maintenance Services Location: Farrowfields, Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Tool Sharpening, Repairing & Servicing Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13NE (N)	99	-	507302 103510
35	Contemporary Trade Directory Entries Name: Overland Travel (Sussex) Ltd Location: Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	102	-	507317 103512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Contemporary Trade Directory Entries Name: Wood Design Location: Roundstone by-Pass, Angmering, Littlehampton, West Sussex, BN16 4BD Classification: Cabinet Makers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	85	-	507335 103232
37	Contemporary Trade Directory Entries Name: D & A Motors Location: Unit4, Farrowfields, Roundstone La, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NE (NE)	144	-	507374 103534
37	Contemporary Trade Directory Entries Name: Smart Tech Location: Farrowfield Farm, Roundstone Lane, Angmering, Littlehampton, BN16 4AT Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	153	-	507360 103551
37	Contemporary Trade Directory Entries Name: G E Motors Location: Roundstone La, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	167	-	507396 103546
38	Contemporary Trade Directory Entries Name: Valley Motors Location: 1, Farrowfields, Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	147	-	507286 103559
38	Contemporary Trade Directory Entries Name: A & B Autos Location: 1, Farrowfields, Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	147	-	507286 103559
38	Contemporary Trade Directory Entries Name: Knights Motor Services Ltd Location: 6, Farrowfields, Roundstone Lane, Angmering, Littlehampton, West Sussex, BN16 4AT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	147	-	507286 103559
39	Contemporary Trade Directory Entries Name: 1st Time Cars Location: Unit 2, Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	157	-	507112 103538
40	Contemporary Trade Directory Entries Name: I K Walton Location: Lansdowne, Mayflower Way, Angmering, Littlehampton, West Sussex, BN16 4AY Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	195	-	507022 103475
41	Contemporary Trade Directory Entries Name: The Service Centre Location: 121, Downs Way, East Preston, LITTLEHAMPTON, West Sussex, BN16 1AD Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	222	-	507356 103092
42	Contemporary Trade Directory Entries Name: Ok Ok Ltd Location: 9, The Walkway, Angmering, Littlehampton, West Sussex, BN16 4BF Classification: Photocopiers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	267	-	507026 103609

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Contemporary Trade Directory Entries Name: East Preston Launderettes Location: 132, Downs Way, East Preston, Littlehampton, West Sussex, BN16 1AF Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	311	-	507406 103018
44	Contemporary Trade Directory Entries Name: Hometyre Location: Station rd, Angmering, Littlehampton, West Sussex, BN16 4HH Classification: Tyre Dealers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A12NE (NW)	333	-	506888 103538
45	Contemporary Trade Directory Entries Name: Young Automotive Ltd Location: 20, Rowan Way, Angmering, Littlehampton, West Sussex, BN16 4FW Classification: Tyre Repairs & Retreading Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	336	-	507113 103735
46	Contemporary Trade Directory Entries Name: Oven2clean Location: Roundstone Crescent, East Preston, Littlehampton, West Sussex, BN16 1DG Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8NE (S)	378	-	507366 102934
47	Contemporary Trade Directory Entries Name: Hares Of Sussex Location: 3, North Lane, East Preston, Littlehampton, BN16 1BN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	393	-	507485 102968
47	Contemporary Trade Directory Entries Name: Sussex Cars Location: 3, North Lane, East Preston, Littlehampton, West Sussex, BN16 1BN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	393	-	507485 102968
48	Contemporary Trade Directory Entries Name: Roundstone Recovery Location: Roundstone dr, East Preston, Littlehampton, West Sussex, BN16 1EP Classification: Breakdown and Recovery Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	455	-	507352 102854
49	Contemporary Trade Directory Entries Name: Scotts Autocare Location: Roundstone by-Pass, Angmering, Littlehampton, West Sussex, BN16 4BD Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	486	-	507783 103367
49	Contemporary Trade Directory Entries Name: Car & Commercial Repairs Location: Roundstone by-Pass, Angmering, Littlehampton, West Sussex, BN16 4BD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	494	-	507791 103334
50	Contemporary Trade Directory Entries Name: Fresh Home Cleaning Location: 25, Hazel Road, Angmering, Littlehampton, West Sussex, BN16 4FR Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (NW)	500	-	507019 103876
51	Contemporary Trade Directory Entries Name: Vulcan Stove Enamelling Ltd Location: Station Road, East Preston, Littlehampton, West Sussex, BN16 3AA Classification: Powder Coatings Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	644	-	506665 102961
51	Contemporary Trade Directory Entries Name: Watchcase Developments Ltd Location: Station Road, East Preston, Littlehampton, West Sussex, BN16 3AA Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	680	-	506629 102952

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Contemporary Trade Directory Entries Name: Hi-Way Services Location: Station Road, East Preston, Littlehampton, BN16 3AA Classification: Road Marking & Surfacing Equipment & Material Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	681	-	506650 102918
52	Contemporary Trade Directory Entries Name: T M Appliance Services Location: 16, Clarence Drive, East Preston, Littlehampton, West Sussex, BN16 1EH Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	645	-	506907 102735
53	Contemporary Trade Directory Entries Name: John Gargan Location: 2, East Drive, Angmering, Littlehampton, West Sussex, BN16 4JH Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	668	-	506549 103535
54	Contemporary Trade Directory Entries Name: Martin Cars Location: 11, Lashmar Road, East Preston, Littlehampton, West Sussex, BN16 1ES Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	674	-	507188 102630
55	Contemporary Trade Directory Entries Name: Dump The Junk Location: 53 Mill Rd Av, Angmering, Littlehampton, West Sussex, BN16 4HX Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	682	-	506823 103977
56	Contemporary Trade Directory Entries Name: Poppies Of Brighton & Worthing Location: 21, Lucksfield Way, Angmering, Littlehampton, West Sussex, BN16 4GU Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	690	-	507328 104102
57	Contemporary Trade Directory Entries Name: Woww Ltd Location: Flint Cottage, Roundstone Lane, Angmering, LITTLEHAMPTON, West Sussex, BN16 4AP Classification: Children & Babywear - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	692	-	507405 104096
58	Contemporary Trade Directory Entries Name: Chips Away Location: Roundstone Farm, Littlehampton Road, Ferring, Worthing, West Sussex, BN12 6PW Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	697	-	507693 103307
59	Contemporary Trade Directory Entries Name: Texaco Location: Texaco, Station Road, East Preston, Littlehampton, West Sussex, BN16 3RB Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	703	-	506534 103114
60	Contemporary Trade Directory Entries Name: Crowles Autos Location: 15, Orchard Road, East Preston, LITTLEHAMPTON, West Sussex, BN16 1RB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	711	-	507452 102612
61	Contemporary Trade Directory Entries Name: Angmering Tyres & Exhausts Location: Angmering Station, Station Road, East Preston, Littlehampton, West Sussex, BN16 3RE Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	715	-	506569 102888

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	Contemporary Trade Directory Entries Name: Bws Fencing Location: Angmering Station, Station Rd, East Preston, Littlehampton, West Sussex, BN16 3RE Classification: Fencing Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	756	-	506527 102981
62	Contemporary Trade Directory Entries Name: Adrienne Cordell Location: 65, North Lane, East Preston, Littlehampton, West Sussex, BN16 1HN Classification: Art Restoration & Picture Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	774	-	507568 102582
63	Contemporary Trade Directory Entries Name: B W S Location: Unit 4a, Station Rd, East Preston, Littlehampton, West Sussex, BN16 3RE Classification: Fencing Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	782	-	506495 102989
64	Contemporary Trade Directory Entries Name: Centurion Scientific Ltd Location: Unit 6, Gerrard House Business Centre, Station Rd, East Preston, Littlehampton, West Sussex, BN16 1AW Classification: Laboratory Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	794	-	506530 102894
64	Contemporary Trade Directory Entries Name: R & P Metal Products Location: 3, Gerrard House Business Centre, Worthing Road, East Preston, Littlehampton, West Sussex, BN16 1AX Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	794	-	506530 102895
64	Contemporary Trade Directory Entries Name: Incentive Design Ltd Location: Unit 4, Gerrard House Business Centre, Station Rd, East Preston, Littlehampton, West Sussex, BN16 1AW Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	794	-	506530 102894
64	Contemporary Trade Directory Entries Name: Arun Technical Mouldings Location: Gerrard House Business Centre, Station Rd, East Preston, Littlehampton, W Sussex, BN16 1AW Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	794	-	506530 102894
64	Contemporary Trade Directory Entries Name: J W S Building Services Ltd Location: Flat 1, Gerrard House, Worthing Road, East Preston, Littlehampton, West Sussex, BN16 1AR Classification: Ventilators & Ventilation Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	794	-	506530 102895
65	Contemporary Trade Directory Entries Name: West Preston Motors Ltd Location: Station Road, East Preston, Littlehampton, West Sussex, BN16 3AF Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	854	-	506443 102930
65	Contemporary Trade Directory Entries Name: Kingfisher Cleaners Location: 3, Station Parade, Station Road, East Preston, Littlehampton, West Sussex, BN16 3AE Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	872	-	506442 102891
66	Contemporary Trade Directory Entries Name: Seams Sew Location: 11, Angmering Way, Rustington, Littlehampton, West Sussex, BN16 3RA Classification: Clothing Accessory Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	860	-	506408 102993

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	Contemporary Trade Directory Entries Name: Are You Cold Location: 11, The Cottrells, Angmering, Littlehampton, West Sussex, BN16 4AF Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	862	-	506997 104249
68	Contemporary Trade Directory Entries Name: Abacus Location: 24, East Drive, Angmering, Littlehampton, West Sussex, BN16 4JH Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	887	-	506327 103530
69	Contemporary Trade Directory Entries Name: Mobility Services Electrical Vehicle Repairs Location: 120, North Lane, East Preston, Littlehampton, BN16 1HA Classification: Disability Equipment - Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	905	-	507115 102404
70	Contemporary Trade Directory Entries Name: Seymour & Lisle Ltd Location: The Square, Angmering, Littlehampton, West Sussex, BN16 4EA Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (N)	975	-	506914 104342
71	Contemporary Trade Directory Entries Name: Computer Servicing Location: 13, Beechlands Close, East Preston, Littlehampton, West Sussex, BN16 1JT Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	998	-	507220 102306
72	Fuel Station Entries Name: John Cooper Garages Location: North Lane, Worthing Road, East Preston, LITTLEHAMPTON, West Sussex, BN16 1BN Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A8NE (SE)	413	-	507443 102821
73	Fuel Station Entries Name: Star Angmering Location: Station Road, B2140, Angmering., LITTLEHAMPTON, West Sussex, BN16 4HH Brand: Texaco Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	616	-	506825 103616
74	Points of Interest - Commercial Services Name: D & A Motors Location: Mayflower Way, Angmering, Littlehampton, BN16 4AY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (E)	47	8	507344 103371
74	Points of Interest - Commercial Services Name: P H N Motors Location: Mayflower Way, Angmering, Littlehampton, BN16 4AY Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13NE (E)	47	8	507344 103371
74	Points of Interest - Commercial Services Name: Hillsons Ltd Location: Roundstone Lane, Angmering, Littlehampton, BN16 4AT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (E)	71	8	507387 103387
75	Points of Interest - Commercial Services Name: Beetleworks Location: 11-12 Shrublands, Roundstone Lane, Angmering, Littlehampton, BN16 4AT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	82	8	507314 103482

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	Points of Interest - Commercial Services Name: A & B Autos Location: 1 Farrowfields, Roundstone Lane, Angmering, Littlehampton, BN16 4AT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	147	8	507286 103559
75	Points of Interest - Commercial Services Name: Smart Tech Location: Farrowfield Farm, Roundstone Lane, Angmering, Littlehampton, BN16 4AT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	152	8	507360 103551
76	Points of Interest - Commercial Services Name: Hares of Sussex Location: 3 North Lane, East Preston, Littlehampton, BN16 1BN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	393	8	507495 102968
77	Points of Interest - Commercial Services Name: M - Tech Location: 8 Hazel Road, Angmering, Littlehampton, BN16 4FS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	466	8	507061 103855
77	Points of Interest - Commercial Services Name: M-Tech Location: 8 Hazel Road, Angmering, Littlehampton, BN16 4FS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	466	8	507061 103855
78	Points of Interest - Commercial Services Name: Scotts Autocare Location: Roundstone by-Pass, Angmering, Littlehampton, BN16 4BD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	486	8	507783 103367
78	Points of Interest - Commercial Services Name: Car & Commercial Repairs Location: Roundstone by-Pass, Angmering, Littlehampton, BN16 4BD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (E)	494	8	507791 103334
78	Points of Interest - Commercial Services Name: Car & Commercial Repairs Location: Roundstone by-Pass, Angmering, Littlehampton, BN16 4BD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (E)	494	8	507791 103334
79	Points of Interest - Commercial Services Name: Safe Screen Windscreen Repairs Location: Sunnyside, Roundstone by-Pass, Angmering, Littlehampton, BN16 4BD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SW (E)	577	8	507866 103246
80	Points of Interest - Commercial Services Name: Lenthalls Location: 5 Hillview Crescent, East Preston, Littlehampton, BN16 1RD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SE (S)	628	8	507386 102682
80	Points of Interest - Commercial Services Name: Lenthalls Car Valet Services Location: 5 Hillview Crescent, East Preston, Littlehampton, BN16 1RD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SE (S)	628	8	507366 102682
81	Points of Interest - Commercial Services Name: Chips Away Location: Roundstone Farm, Littlehampton Road, Ferring, Worthing, BN12 6PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	697	8	507893 103307

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	Points of Interest - Commercial Services Name: Cooper Car Company Ltd Location: Works House, Station Road, East Preston, Littlehampton, BN16 3AA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	707	8	506621 102914
83	Points of Interest - Commercial Services Name: Crowes Autos Location: 15 Orchard Road, East Preston, Littlehampton, BN16 1RB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SE (S)	711	8	507452 102612
84	Points of Interest - Commercial Services Name: Atlasalm International Location: 7 East Drive, Angmering, Littlehampton, BN16 4JH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NW (W)	719	8	506491 103491
85	Points of Interest - Commercial Services Name: Abacus Location: 24 East Drive, Angmering, Littlehampton, BN16 4JH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NW (W)	887	8	506327 103530
86	Points of Interest - Commercial Services Name: Mobility Services Electrical Vehicle Repairs Location: 120 North Lane, East Preston, Littlehampton, BN16 1HA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	910	8	507100 102400
87	Points of Interest - Commercial Services Name: Chipsaway Ltd Location: Roundstone Farm, Littlehampton Road, Ferring, Worthing, BN12 6PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	914	8	508210 103292
87	Points of Interest - Commercial Services Name: A1 Care - 4 - Cars Ltd Location: Roundstone Farm, A259, Littlehampton Rd, Ferring, Worthing, West Sussex, BN12 6PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	915	8	508210 103292
88	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	49	8	507158 103356
88	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	A13NW (NW)	70	8	507138 103428
88	Points of Interest - Manufacturing and Production Name: Works Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	81	8	507188 103491
88	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	114	8	507105 103484
89	Points of Interest - Manufacturing and Production Name: Works Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	81	8	507284 103483

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Points of Interest - Manufacturing and Production Name: Works Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13NW (N)	85	8	507225 103497
89	Points of Interest - Manufacturing and Production Name: Works Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	90	8	507256 103502
89	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	A13NW (N)	91	8	507210 103503
89	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	A13NE (N)	91	8	507260 103503
89	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	136	8	507210 103548
90	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	A13NW (NW)	160	8	507052 103455
91	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (E)	197	8	507494 103424
91	Points of Interest - Manufacturing and Production Name: Tanks Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	198	8	507495 103419
91	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (E)	204	8	507501 103424
91	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	216	8	507513 103422
91	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	231	8	507528 103422
91	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (E)	238	8	507533 103440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (E)	238	8	507534 103436
91	Points of Interest - Manufacturing and Production Name: Tanks Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	251	8	507547 103438
92	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	241	8	507535 103303
93	Points of Interest - Manufacturing and Production Name: Piggeries Location: BN16 Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	327	8	507319 103738
94	Points of Interest - Manufacturing and Production Name: Tanks Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	392	8	507690 103380
94	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	430	8	507727 103423
95	Points of Interest - Manufacturing and Production Name: Tanks Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	447	8	507180 103858
96	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	A14NW (E)	492	8	507789 103358
96	Points of Interest - Manufacturing and Production Name: Works Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	492	8	507789 103359
98	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	508	8	507804 103305
97	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	A7NE (SW)	646	8	506666 102956
97	Points of Interest - Manufacturing and Production Name: Works Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	646	8	506666 102956

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	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	A7NE (SW)	676	8	506631 102956
97	Points of Interest - Manufacturing and Production Name: Works Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	680	8	506627 102955
97	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	A7NE (SW)	683	8	506650 102914
97	Points of Interest - Manufacturing and Production Name: Works Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	683	8	506650 102914
97	Points of Interest - Manufacturing and Production Name: Factory Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7NE (SW)	710	8	506620 102910
97	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	A7NE (SW)	713	8	506620 102905
97	Points of Interest - Manufacturing and Production Name: Works Location: BN16 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	741	8	506585 102806
97	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	A7NE (SW)	742	8	506585 102905
98	Points of Interest - Manufacturing and Production Name: Tank Location: BN16 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	754	8	507236 104166
99	Points of Interest - Manufacturing and Production Name: Gerard House Business Centre Location: BN16 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	808	8	506520 102884
100	Points of Interest - Manufacturing and Production Name: Artists in Stone Location: Roundstone Buildings, Littlehampton Road, Ferring, Worthing, BN12 6PN Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A15SW (E)	994	8	508276 103166
101	Points of Interest - Public Infrastructure Name: Overland Travel (Sussex) Ltd Location: Roundstone Lane, Angmering, Littlehampton, BN16 4AT Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A13NE (NE)	102	8	507317 103512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: BN16 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	318	8	507432 103020
103	Points of Interest - Public Infrastructure Name: East Preston Fire Station Location: North Lane, East Preston, Littlehampton, BN16 1DA Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A8NE (SE)	551	8	507577 102833
104	Points of Interest - Public Infrastructure Name: Angmering Rail Station Location: BN16 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A7NW (SW)	751	8	506534 102977
104	Points of Interest - Public Infrastructure Name: Angmering Station Location: Station Road, BN16 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A7NW (SW)	751	8	506534 102977
105	Points of Interest - Recreational and Environmental Name: Playground Location: Mayflower Way, BN16 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13NW (NW)	69	8	507140 103433
106	Points of Interest - Recreational and Environmental Name: Playground Location: Cedar Close, BN16 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SE (N)	400	8	507276 103812
107	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	A8NW (S)	590	8	507075 102729
107	Points of Interest - Recreational and Environmental Name: Playground Location: Roundstone Drive, BN16 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NW (S)	590	8	507075 102729
108	Points of Interest - Recreational and Environmental Name: Playground Location: Lucksfield Way, BN16 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NE (N)	677	8	507309 104089

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	National Parks Name: South Downs Multiple Area: N Area (m2): 1652679314.3 Source: Natural England Status: Fully Designated - designated as a National Park Designation Date: 2nd November 2009	A19NW (NE)	891	9	507711 104201
110	Nitrate Vulnerable Zones Name: Not Supplied Description: Groundwater Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13NW (W)	167	10	507037 103372

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Arun District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	July 2013 March 2014	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	October 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Southern Region	October 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control Arun District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	December 2014 March 2013	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Arun District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	December 2014 November 2014	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Arun District Council - Environmental Health Department Worthing Borough Council - Environmental Health Department	December 2014 November 2014	Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	As notified
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 - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	October 2016 October 2016	Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	July 2016	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	October 2016	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	October 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	October 2016	Quarterly
Flood Defences Environment Agency - Head Office	October 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	September 2014	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
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
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	August 2016 August 2016	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	October 2016 October 2016	Quarterly Quarterly
Local Authority Landfill Coverage Arun District Council - Technical Support Unit West Sussex County Council - Environment & Development Worthing Borough Council - Planning Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Arun District Council - Technical Support Unit West Sussex County Council - Environment & Development Worthing Borough Council - Planning Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable 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 - Sussex Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites 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	July 2016	Bi-Annually
Explosive Sites Health and Safety Executive	September 2016	Bi-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 Worthing Borough Council - Planning Department West Sussex County Council - Environment & Development	February 2016 February 2016 October 2006	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Arun District Council - Technical Support Unit Worthing Borough Council - Planning Department West Sussex County Council - Environment & Development	February 2016 February 2016 October 2006	Annual Rolling Update Annual Rolling Update 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	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
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	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	July 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	September 2016	Quarterly
Points of Interest - Education and Health PointX	September 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2016	Quarterly
Points of Interest - Public Infrastructure PointX	September 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2016	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	September 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	September 2016	Bi-Annually
National Nature Reserves Natural England	September 2016	Bi-Annually
National Parks Natural England	August 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

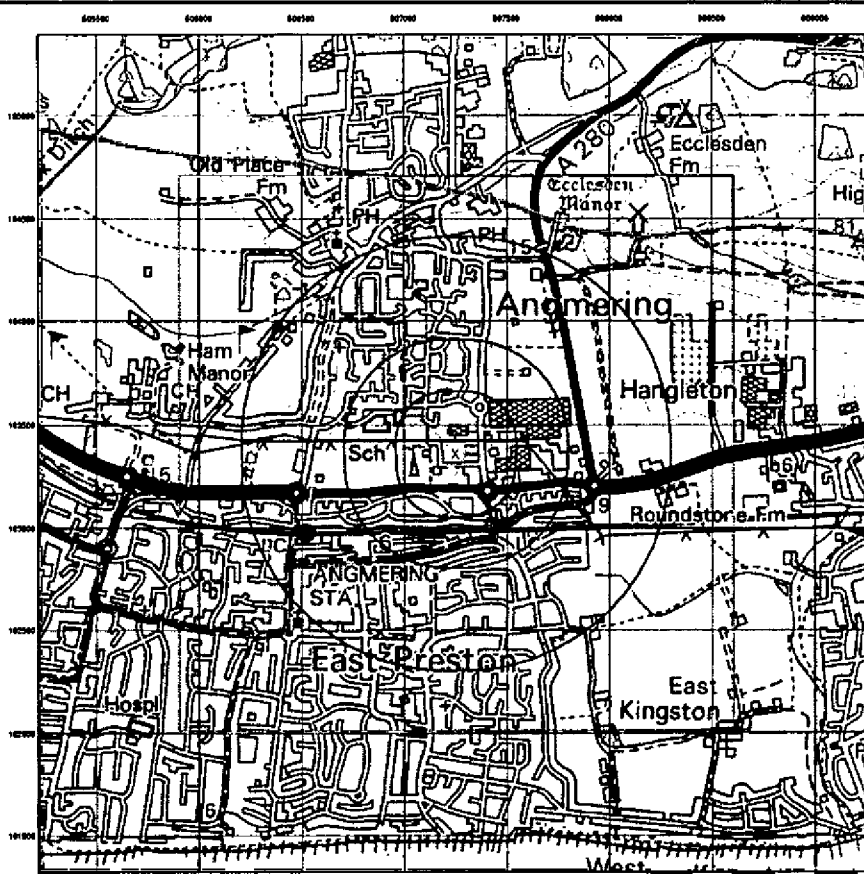
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Arun District Council - Environmental Health Department Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	Telephone: 01903 737696 Fax: 01903 723936 Email: Environment@arun.gov.uk Website: www.arun.gov.uk
5	Arun District Council - Technical Support Unit Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	Telephone: 01903 737500 Fax: 01903 730442 Website: www.arun.gov.uk
6	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	Telephone: 01243 777100 Website: www.westsussex.gov.uk
7	Health and Safety Executive 55.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
11	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperlum, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Appendix C Site Sensitivity Maps



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Bedrock Aquifer Designation

General

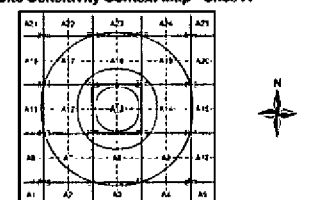
- Borehole Site
- Borehole Data (1)
- Borehole Reference Point
- Well
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 104726713_1_1
Customer Ref: 15305
National Grid Reference: 507250, 103390
Site: A
Site Area (hect): 0.85
Search Buffer (m): 1000

Site Details

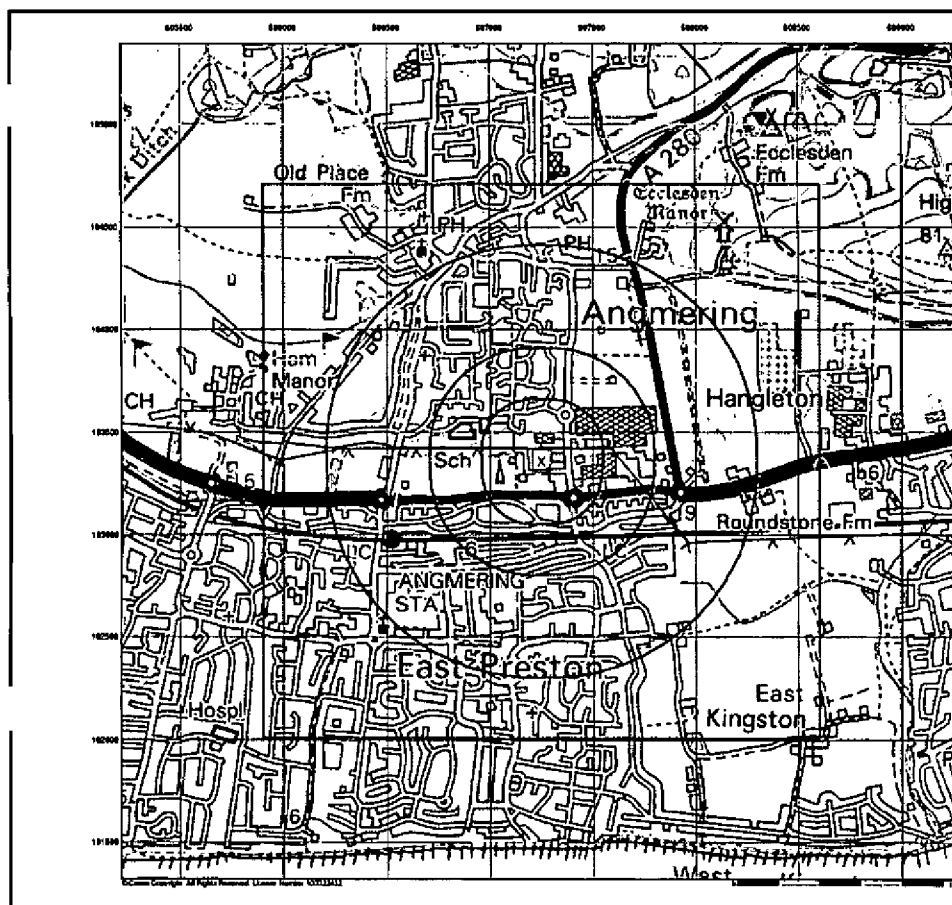
Land at Mayflower Way, Angmering, Littlehampton, BN15 4AT

Landmark
INFORMATION GROUP

100% BY 2022
100% BY 2021
100% BY 2020

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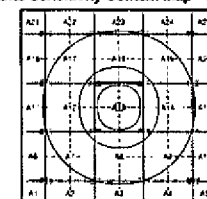
Superficial Aquifer Designation

General
 □ Overlain Site □ Overlain Surface X Overlain Surface & Pond
 □ Well □ Well ID

Agency and Hydrological

Geological Classes
 ■ Principal Aquifer
 □ Secondary A Aquifer
 □ Secondary B Aquifer
 □ Secondary Undifferentiated
 □ Unproductive Strata
 □ Unknown
 □ Unknown (Lakes and Landfill)

Site Sensitivity Context Map - Slice A

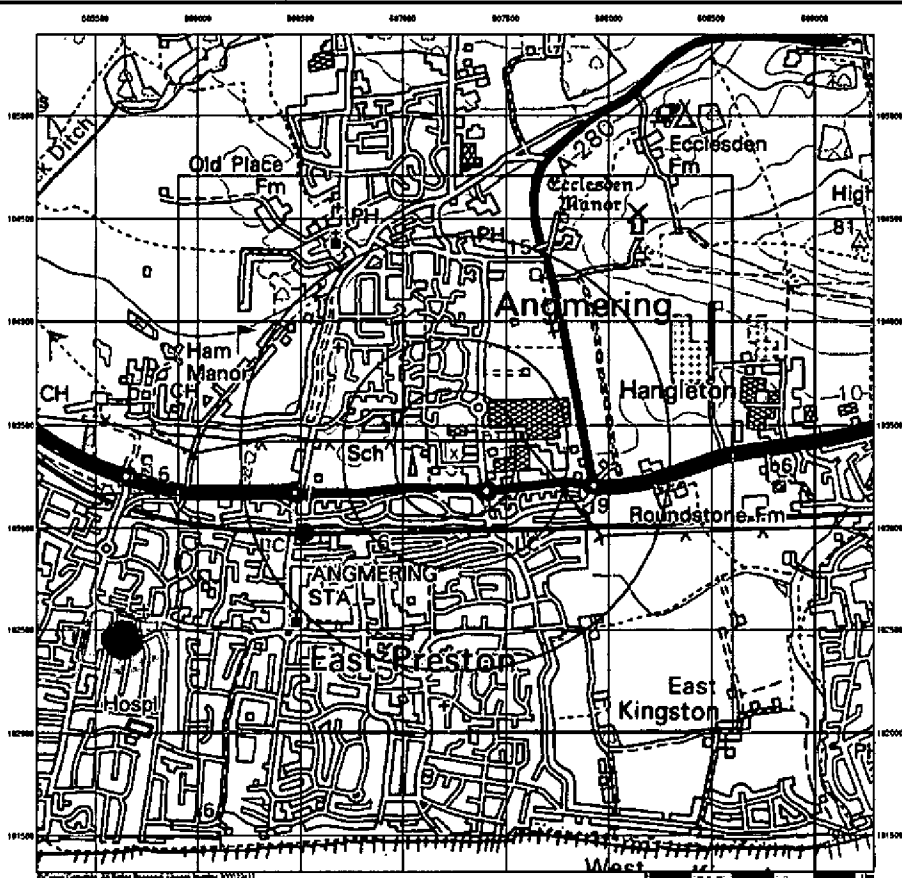


Order Details
 Order Number: 104726743_1_1
 Customer Ref: 15306
 National Grid Reference: 507250, 103360
 Slice: A
 Site Area (ha): 0.96
 Search Buffer (m): 1000

Site Details
 Land at Mayflower Way, Angmering, Littlehampton, BN10 4AT

Landmark
 a b e information group

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Source Protection Zones

General

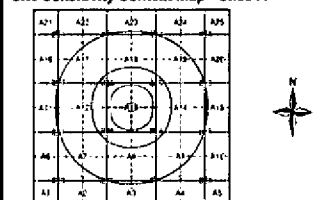
Observed Site Suspected Surface Rising Reference Point

Slice Line ID

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 104726713_1_1
Customer Ref: 15300
National Grid Reference: 507250, 103300
Slice: A
Site Area (ha): 0.00
Search Buffer (m): 1000

Site Details

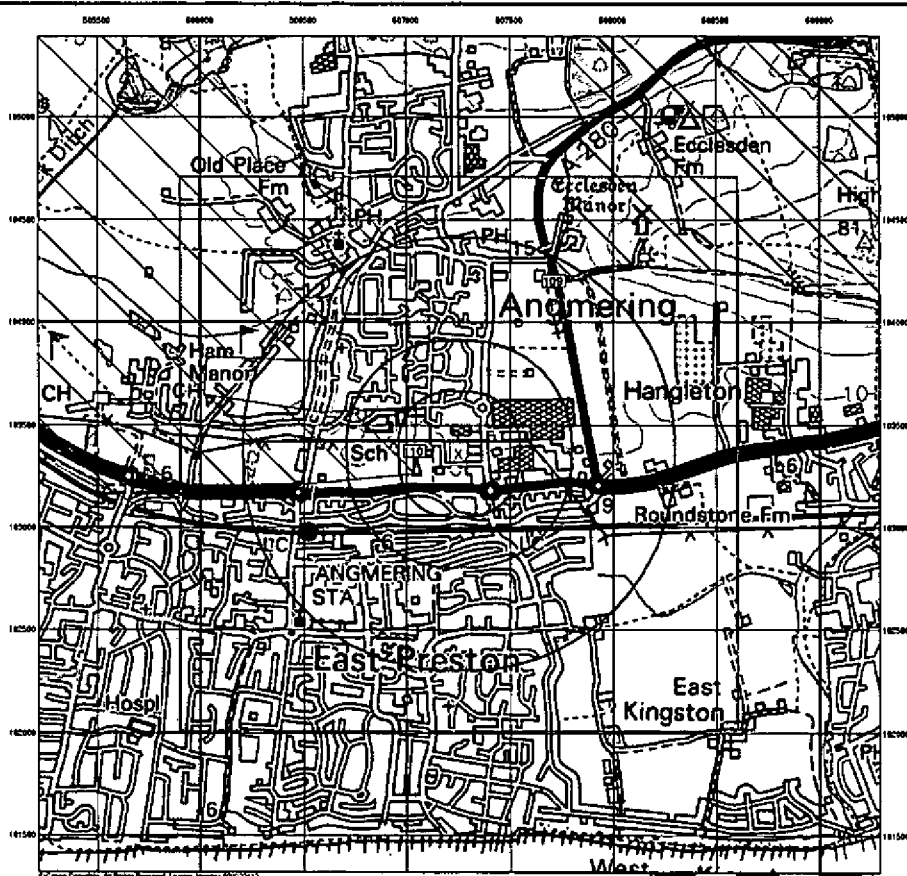
Land at Mayflower Way, Angmering, Littlehampton, BN10 4AT

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Tel: 01293 551111 Email: info@landmark.co.uk
Web: www.landmark.co.uk

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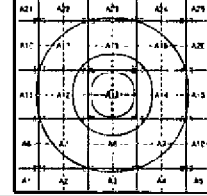
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Sensitive Land Uses

- General**
- Buried Site
 - River
 - Flooded Buried
 - Map ID
 - Boundary Reference Point
- 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 Margins Reserve
 - National Nature Reserve
 - National Park
 - Marine Sensitive Area
 - Marine Vulnerable Zone
 - Ramsar Site
 - Site of Special Scientific Interest
 - Special Area of Conservation
 - Special Protection Area
 - World Heritage Site

Site Sensitivity Context Map - Slice A



Order Details

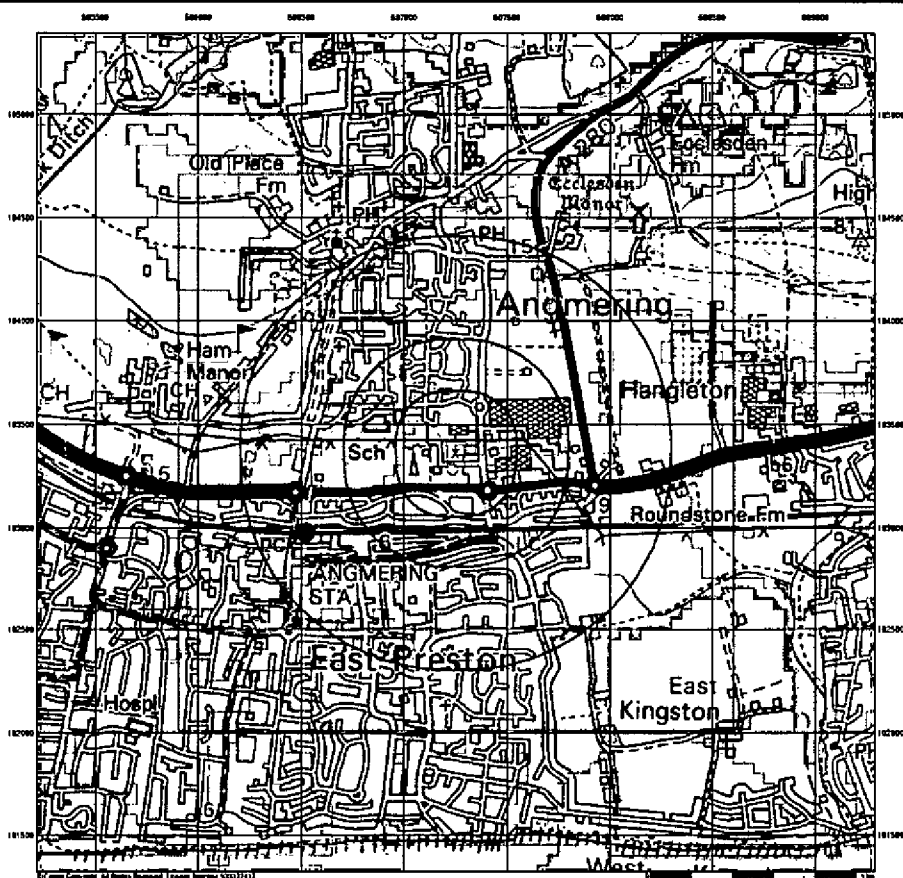
Order Number: 1047267 13_1_1
 Customer Ref: 15309
 National Grid Reference: 507250, 103380
 Slice: A
 Site Area (Ha): 0.98
 Search Buffer (m): 1000

Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN15 4AJ



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BGS Flood GFS Data

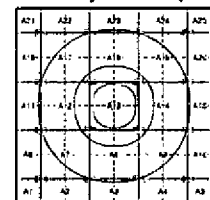
General

- Specified Site
- ◇ Overland Buffer(5)
- X Bearing Reference Point
- BCP

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

Order Number: 104728713_1_1
Customer Ref: 15300
National Grid Reference: 507250, 103380
Sheet: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

Land at Mayflower Way, Angmering, Littlehampton, BN16 4AT

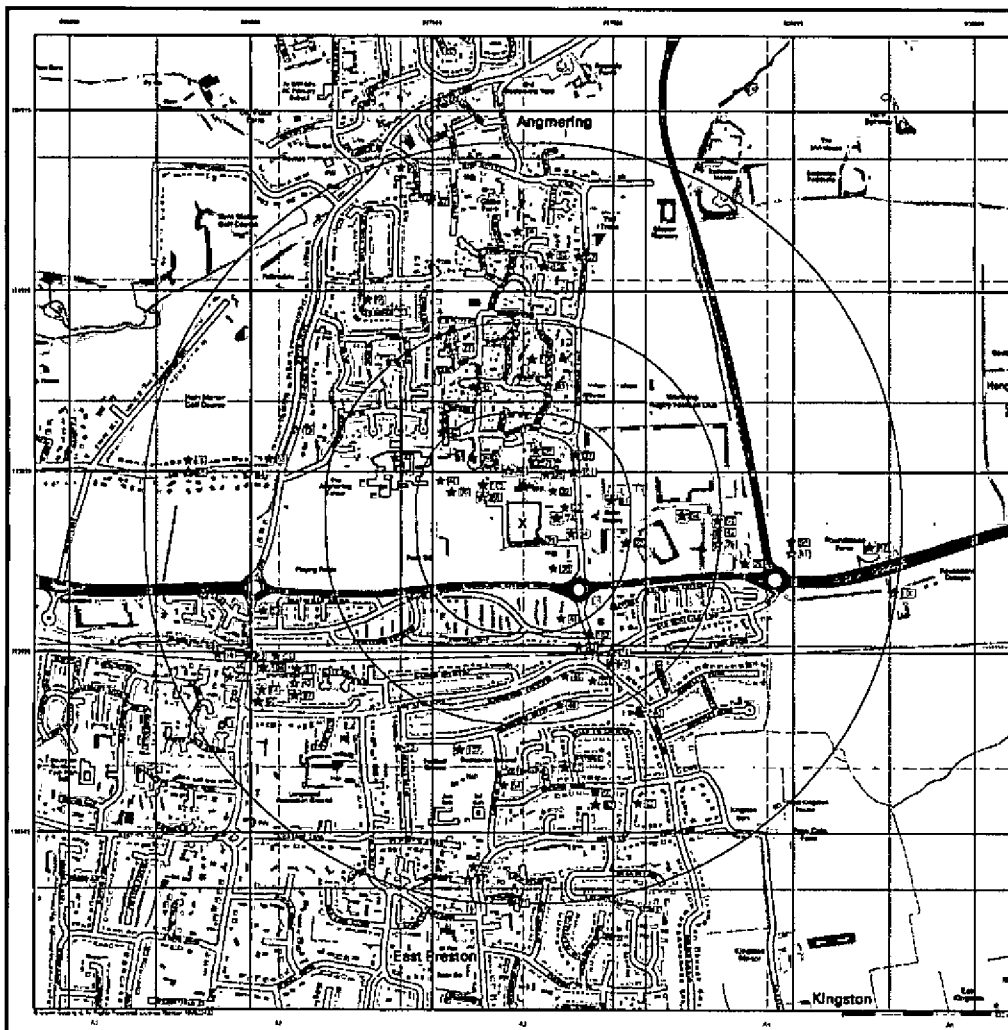
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Industrial Land Use Map

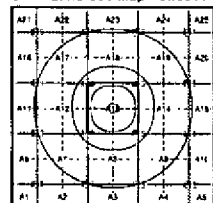
General

- Queried Site
- Site
- Standard Buffer(s)
- Map ID
- X Existing Policy Area

Industrial Land Use

- 1) Contemporary Town Boundary Policy
- 2) Post Office Policy
- 3) Bus Policy
- 4) Policy of Interest - Commercial Services
- 5) Policy of Interest - Education and Health
- 6) Policy of Interest - Housing and Planning
- 7) Policy of Interest - Public Infrastructure
- 8) Policy of Interest - Residential and Environmental
- 9) Existing and Proposed Closures

Industrial Land Use Map - Slice A



Order Details

Order Number: 104725713_1_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.95
Search Buffer (m): 1000

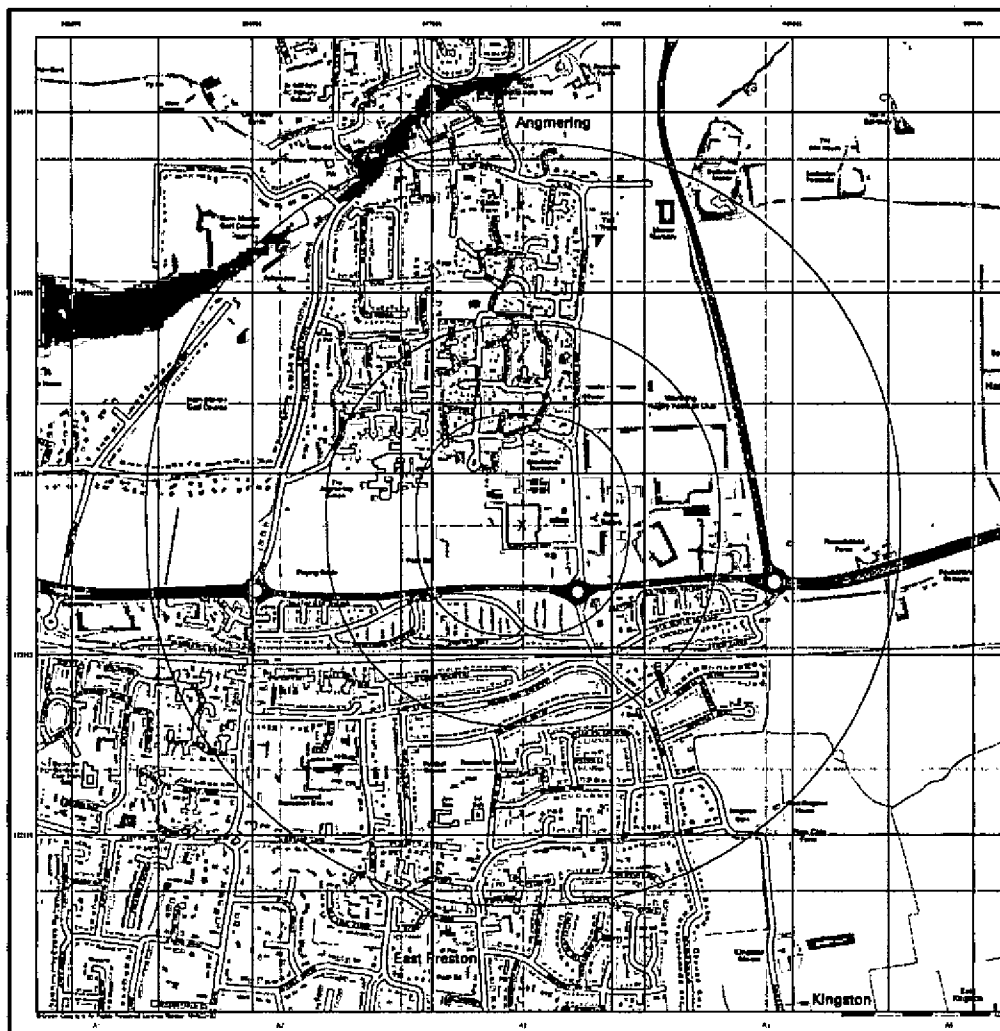
Site Details

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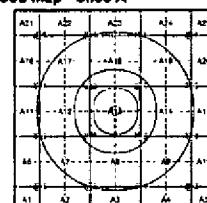
General

- Spoiled Site
- Spoiled Boundary
- X Boundary Extension 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 Defences
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

Order Number: 104726713_1_1
Customer Ref: 15306
National Grid Reference: 507250, 103360
Scale: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

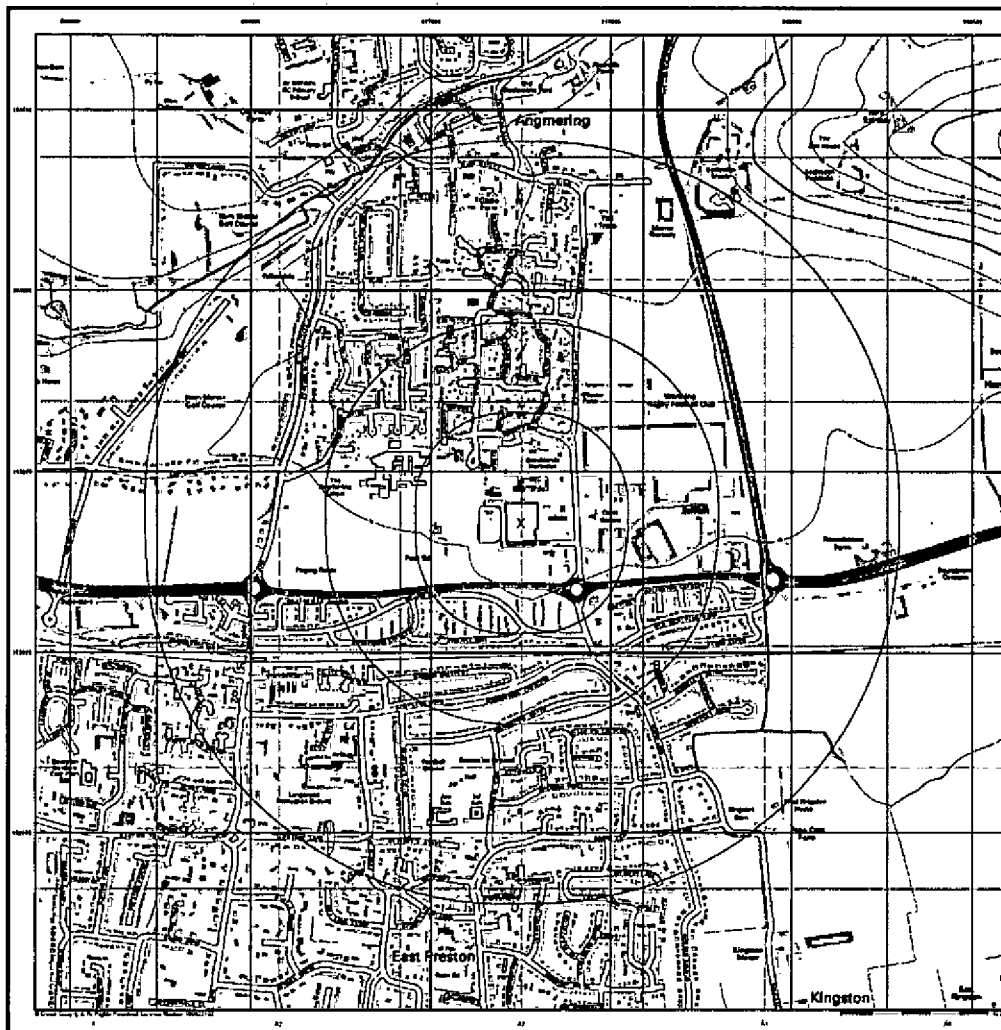
Site Details

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General

- Spoiler Site
- Spoiler Buffer (1)
- X Spoiler Buffer (2)
- Spoiler Buffer (3)

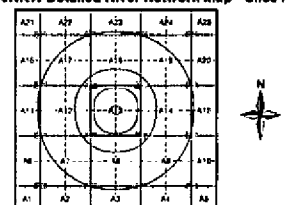
Detailed River Network Data

- | | |
|--------------------------|--|
| — Primary River | — Escalated Culvert (greater than 60m) |
| — Secondary River | — Underground River (known) |
| — Tertiary River | — Underground River (local knowledge) |
| — Canal | — Downstream of High Water Mark |
| — Canal Tunnel | — Downstream of Lowest Extension |
| — Undrained River | — Not assigned River Status |
| — Lake/Reservoir | |
| — Other Drainage Feature | |

CONTROLS (Height in metres)

- | | | |
|------------------|-------|------------------------|
| Standard Contour | — 1m | — 10m Mean Low Water |
| Water Centre | — 10m | — 100m Mean High Water |
| Spot Height | — 10m | |

EAMRW Detailed River Network Map - Slice A



Order Details

Order Number: 104726713_1_1
 Customer Ref: 13306
 National Grid Reference: 507250, 103360
 Slice: A
 Site Area (Ha): 0.86
 Search Buffer (m): 1000

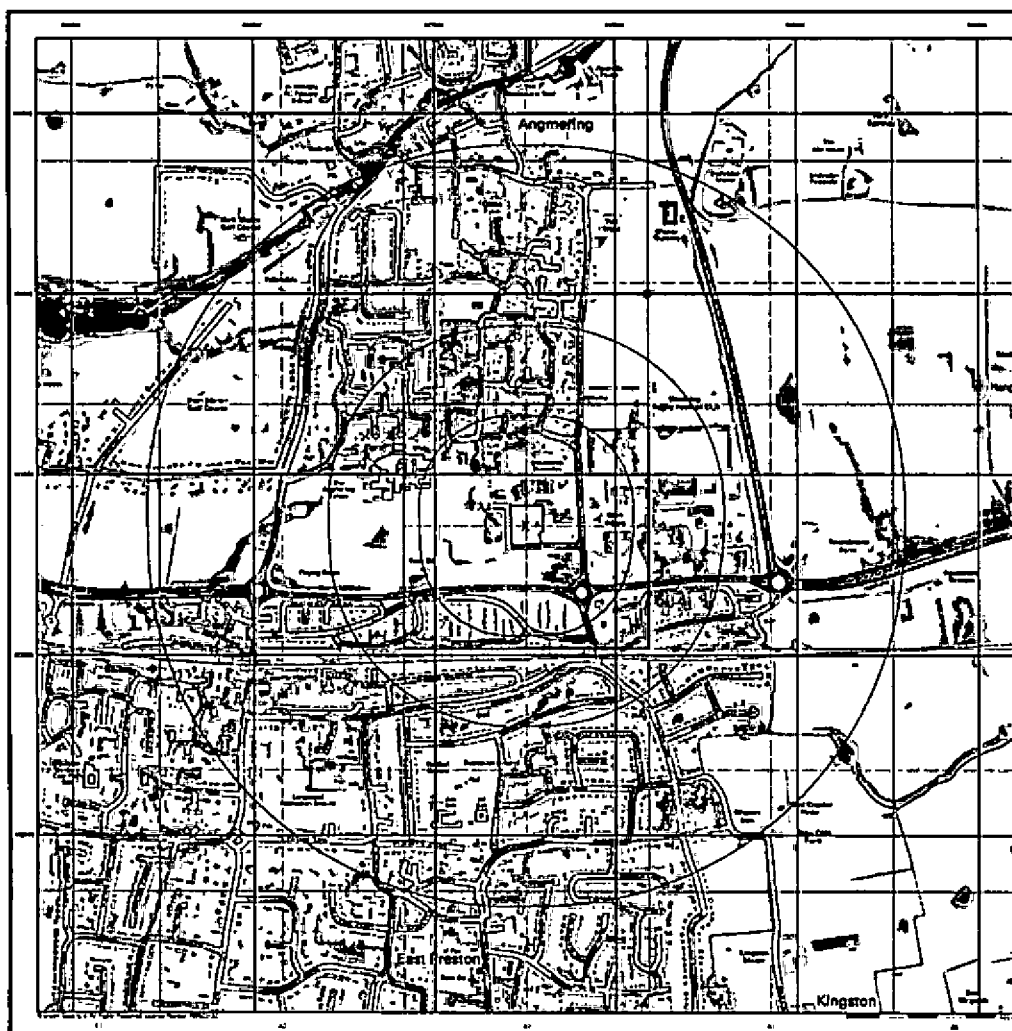
Site Details

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General

- Detailed Site
- Sectional Survey
- X Drilling Services Area

Risk of Flooding from Surface Water

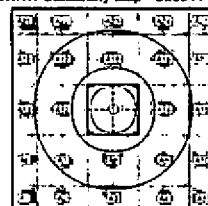
- High - At least once
- Medium - 100 Year Return
- Low - 1000 Year Return

Stability

See the Stability Risk Index

- Natural Ground
- Stable to Soil
- Stable to Rock
- Stable to Water
- Stable to Ground
- Stable to Water

EA/RW Stability Map - Slice A



Order Details

Order Number: 104728713_1_1
Customer Ref: 15308
National Grid Reference: 507250, 103380
Site Area (Ha): 0.98
Search Buffer (m): 1000

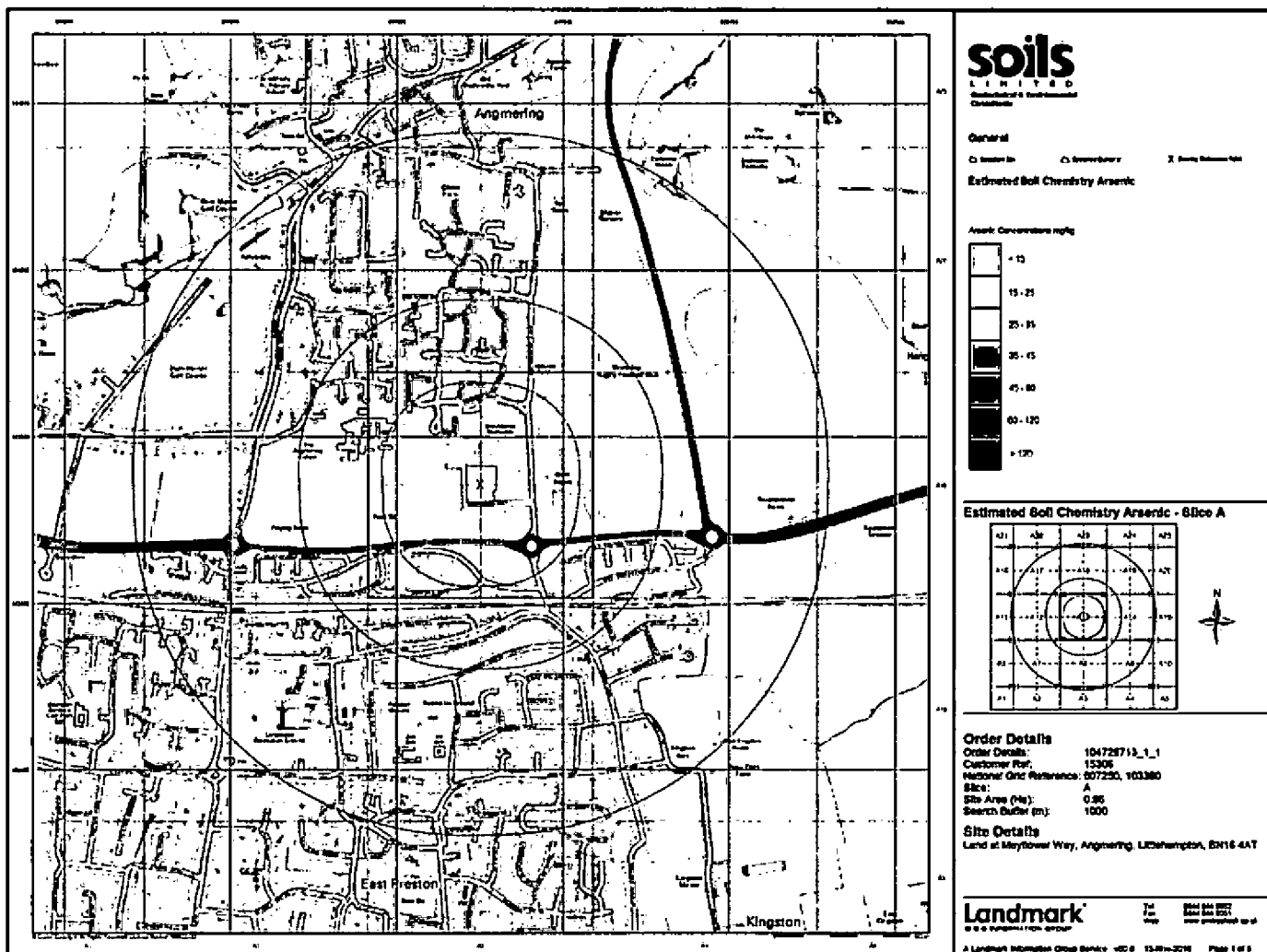
Site Details

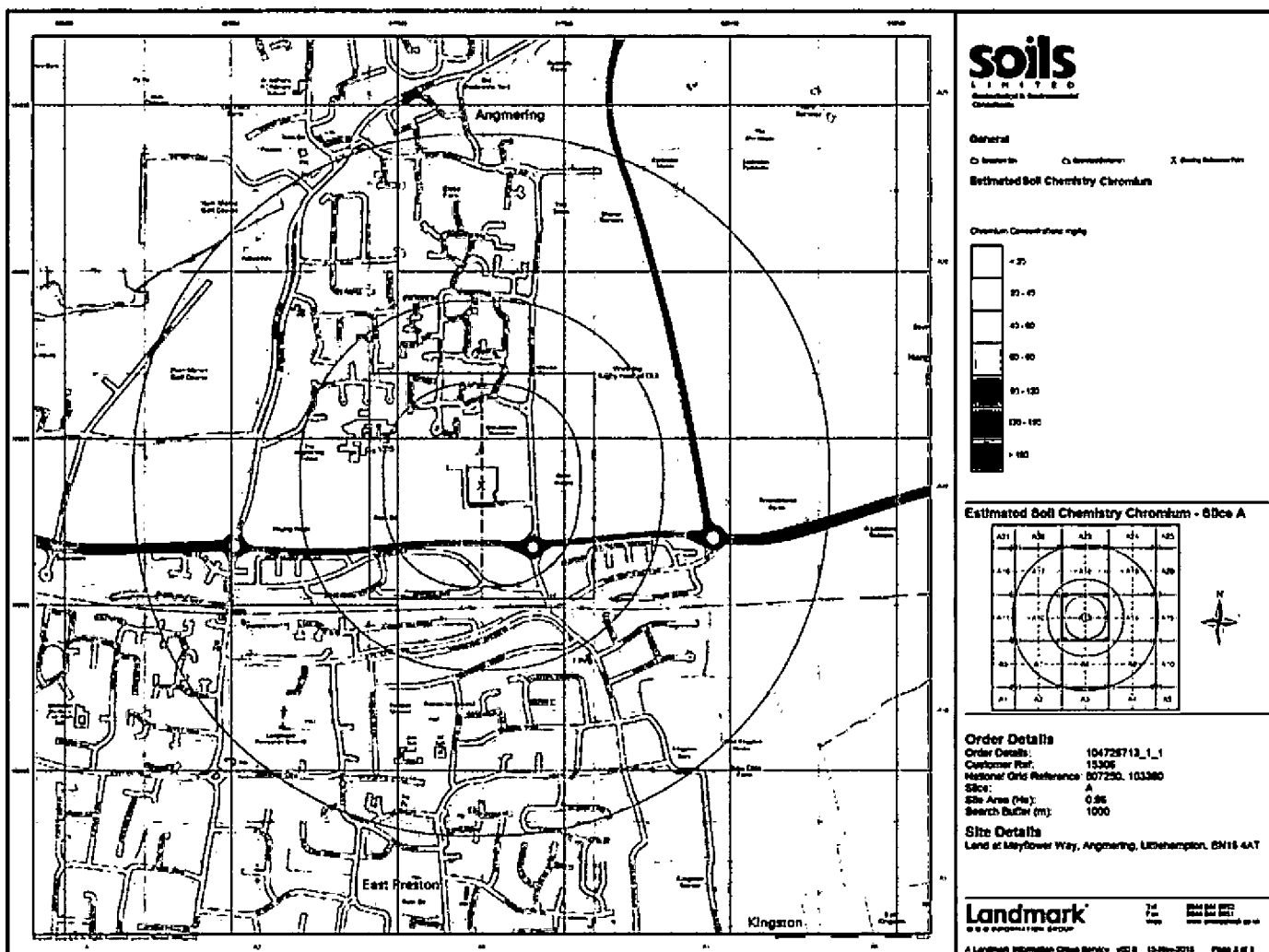
Land at Maydown Way, Angmering, Littlehampton, BN16 4AT

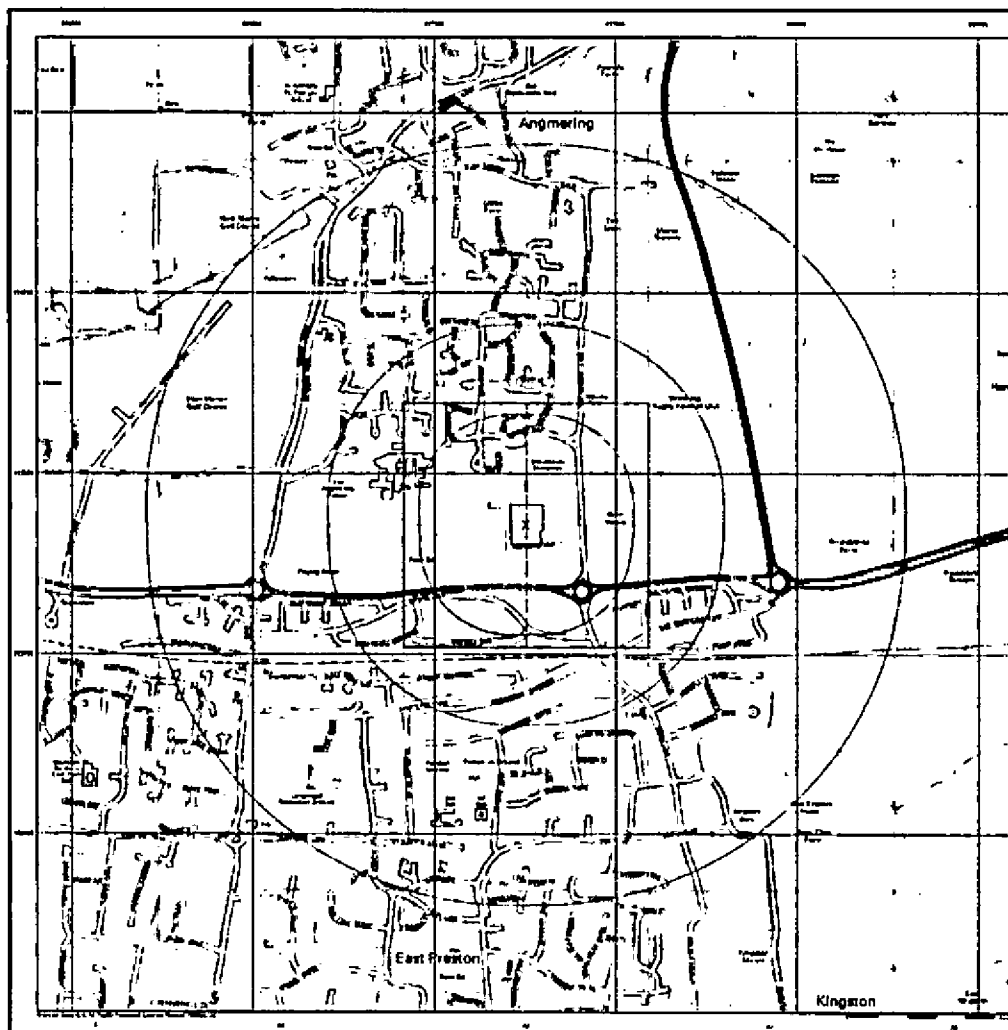
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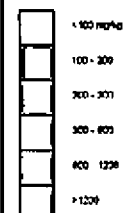
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General

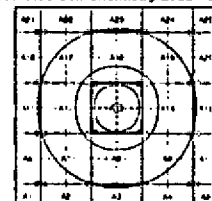
☐ Remedial ☐ Investigation ☒ Other Investigation

Estimated Soil Chemistry Lead

Lead Concentration mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 104728713_L1
Customer Ref: 15305
National Grid Reference: 507250, 103360
Site: A
Site Area (Ha): 0.96
Search Buffer (m): 1000

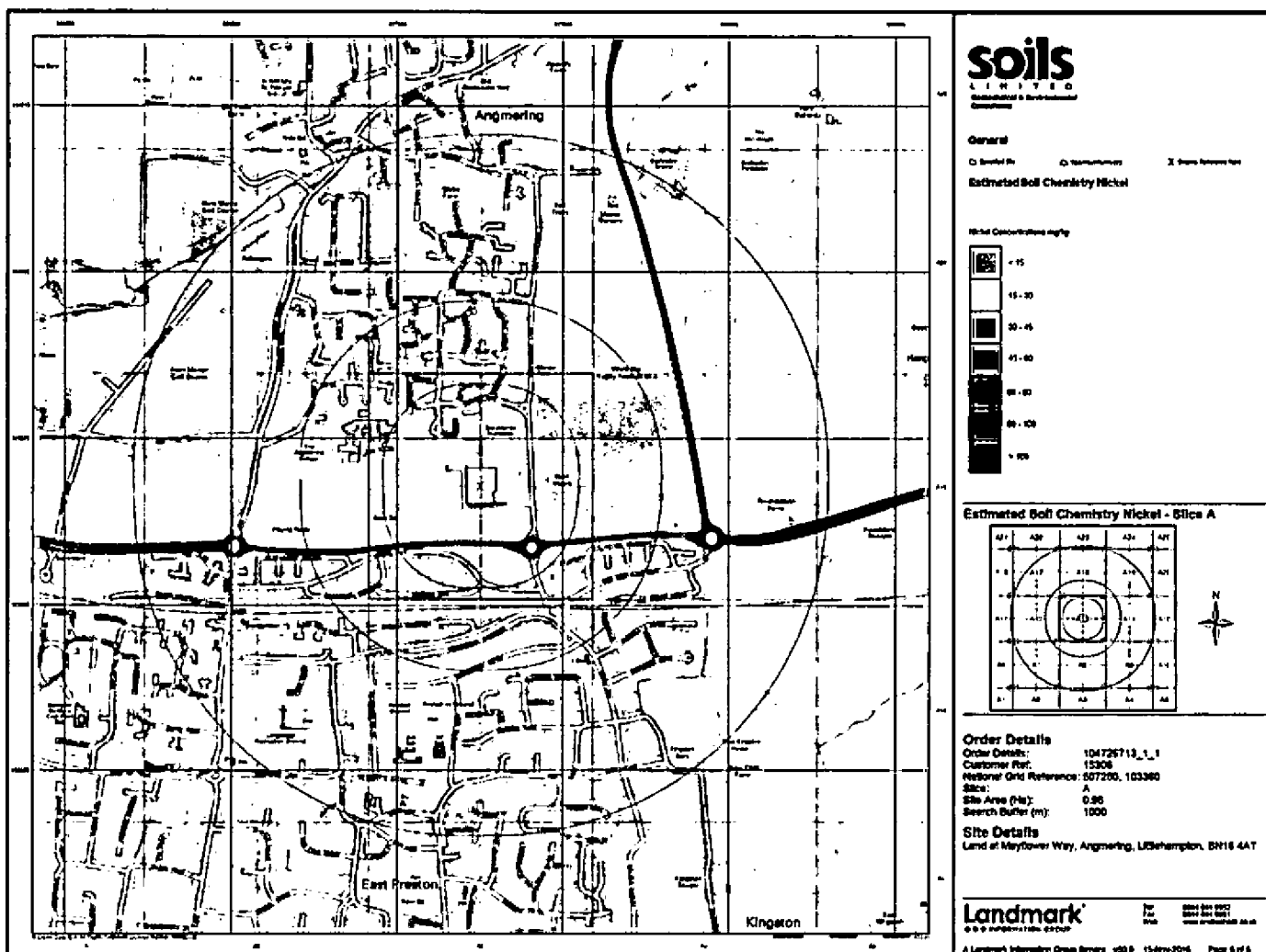
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Appendix D Site Photographs



Photo 1: Cordoned off Japanese Knotweed off east boundary



Photo 2: Concrete stockpile



Photo 3: Soil Stockpile



Photo 4: Soil Stockpile

Appendix E Risk Assessment Criteria

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

Table A.1. Classification of Consequence

Classification	Definition
Severe	Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environmental Protection Act 1990, Part IIA. Short term risk of pollution (note: Water Recourses Act contains no scope for considering significance of pollution) of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000.)
Medium	Chronic damage to Human Health ("significant harm" as defined in DETR, 2000). Pollution of sensitive water recourse (note: Water Recourses Act contains no scope for considering significance of pollution). A significant change in a particular ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000.)
Mild	Pollution of non-sensitive water recourses. Significant damage to crops, buildings, structures and services ("significant harm" as defined in the Draft Circular on Contaminated Land, DETR, 2000.)
Low	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	Low
High likelihood	Very high risk	High risk	Moderate risk	Moderate/low risk
Likely	High risk	Moderate risk	Moderate/low risk	Low risk
Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
Unlikely	Moderate risk	Low risk	Very low risk	Very low risk

Table A.4. Risk Classifications

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

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